MAX

Painting in Photoshop with the Master Painter

John Derry | Digital Painting Pioneer

What You'll Learn in this Session

- **The Wacom Tablet: Capturing the Artist's Expressive Gesture**
  - Six Axes of Motion
- **Bristle Tips: Physical Modeling of a Traditional Paintbrush**
  - The Brush Panel
- **The Mixer Brush: Paint Made from Pixels**
  - The Brush Option Bar
- **Texture: Adding That Analog Glow**
  - The Texture Panel
- **Tool Presets: Wrapping Everything Up with a Bow**
  - Easy *Choose & Use* Expressive Tools
- **Painting Demonstration**

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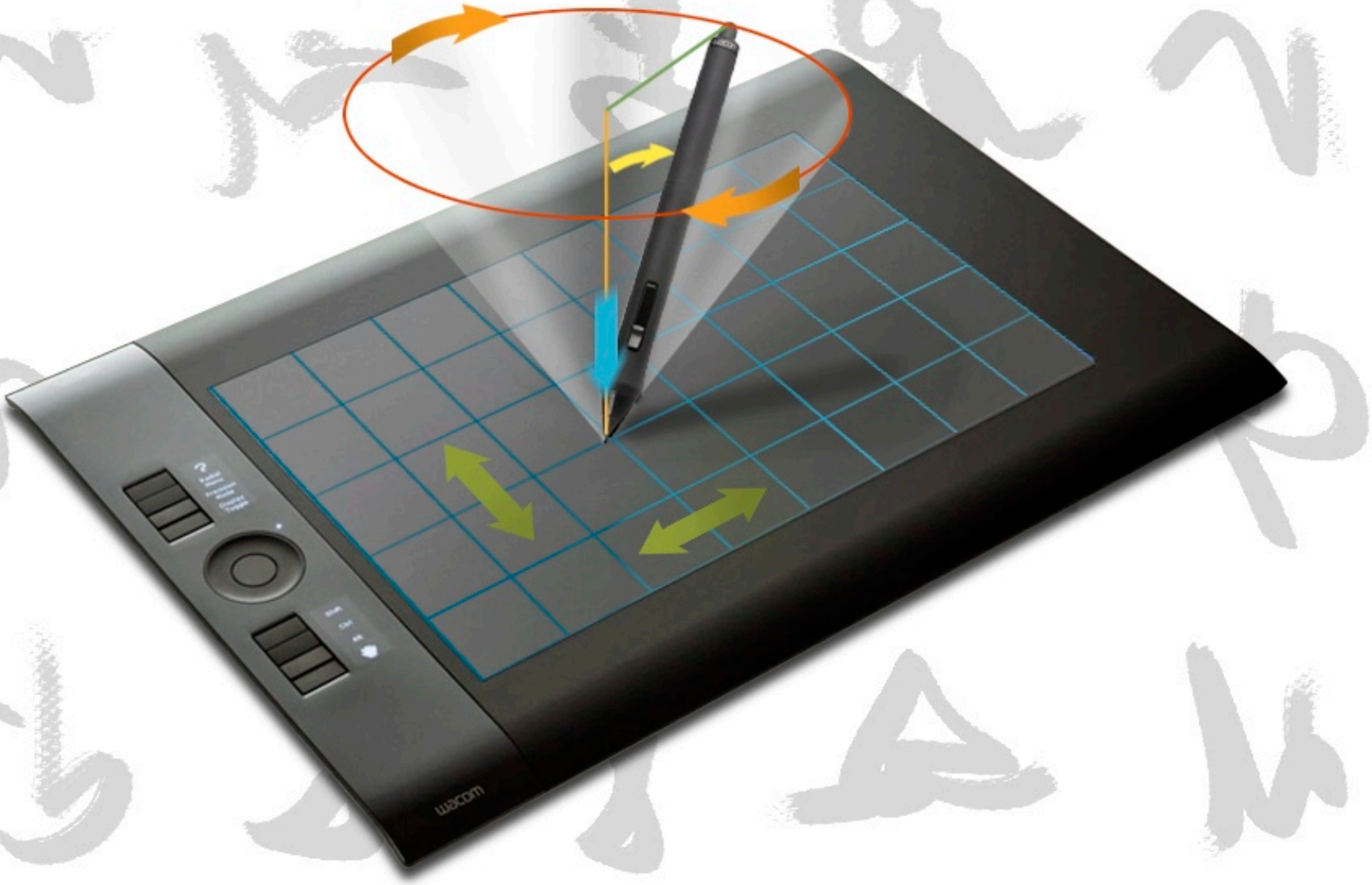
Capturing Expressive Gestures: Six Axes of Motion



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Capturing Expressive Gestures: Six Axes of Motion

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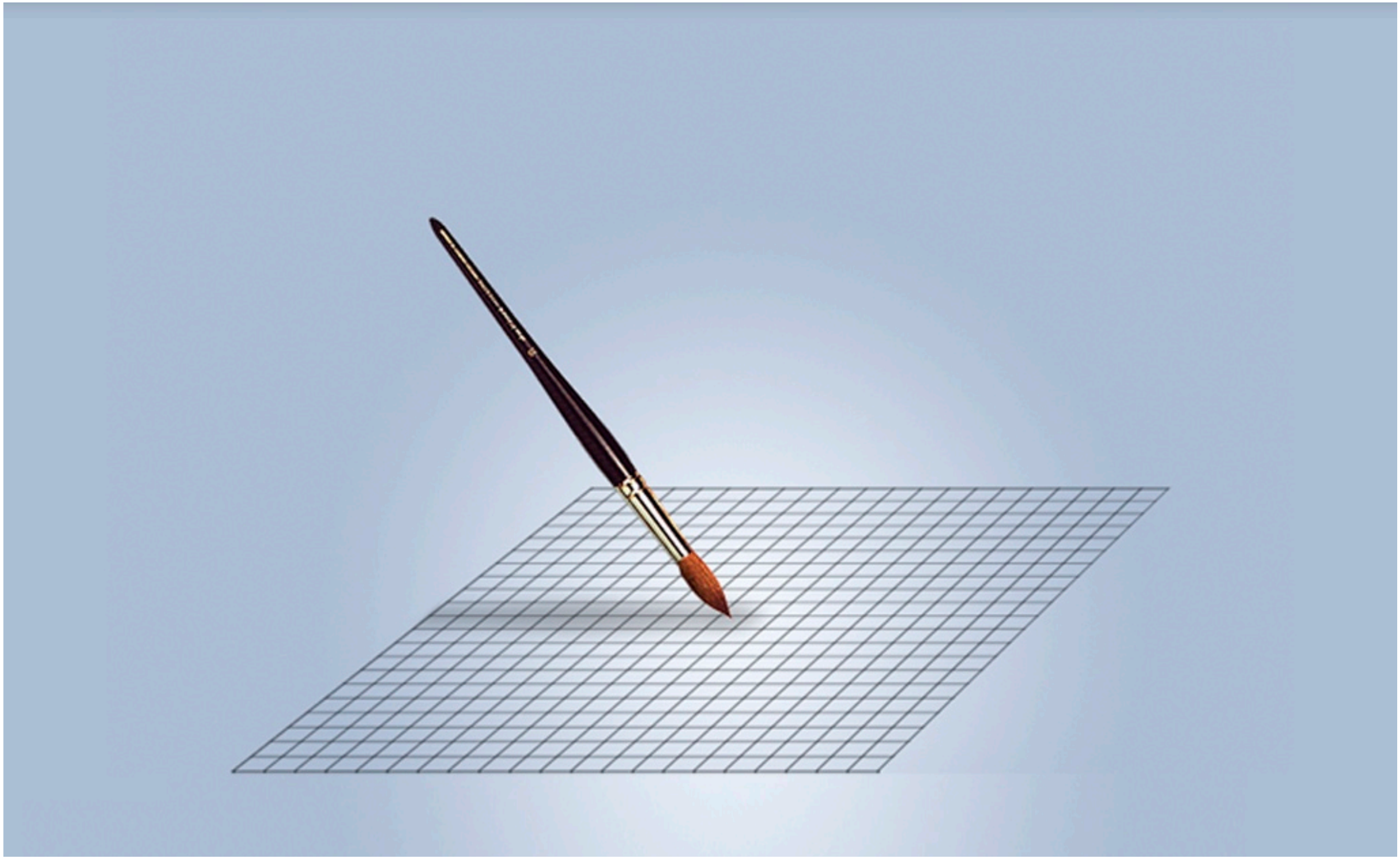
Capturing Expressive Gestures: Six Axes of Motion



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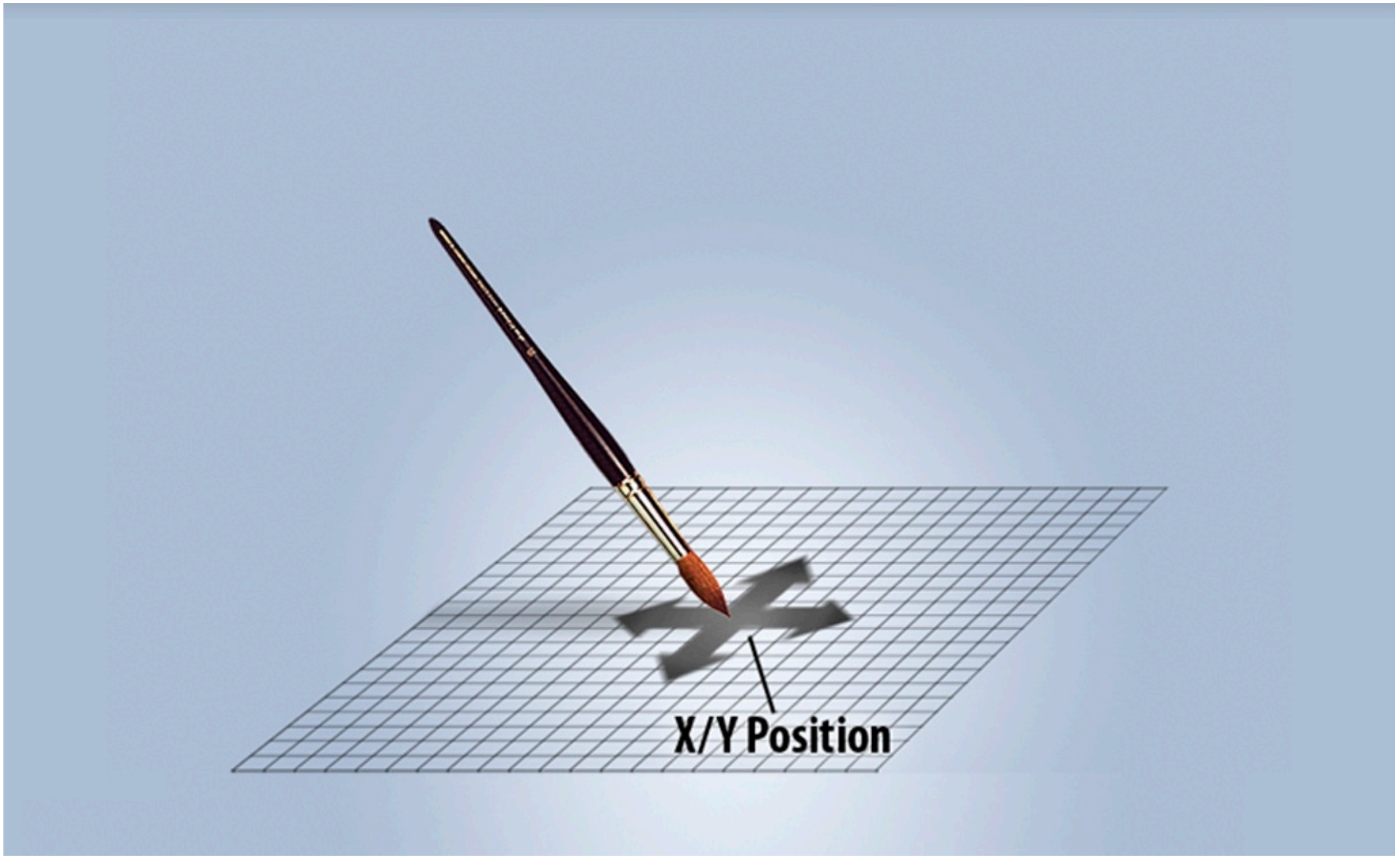

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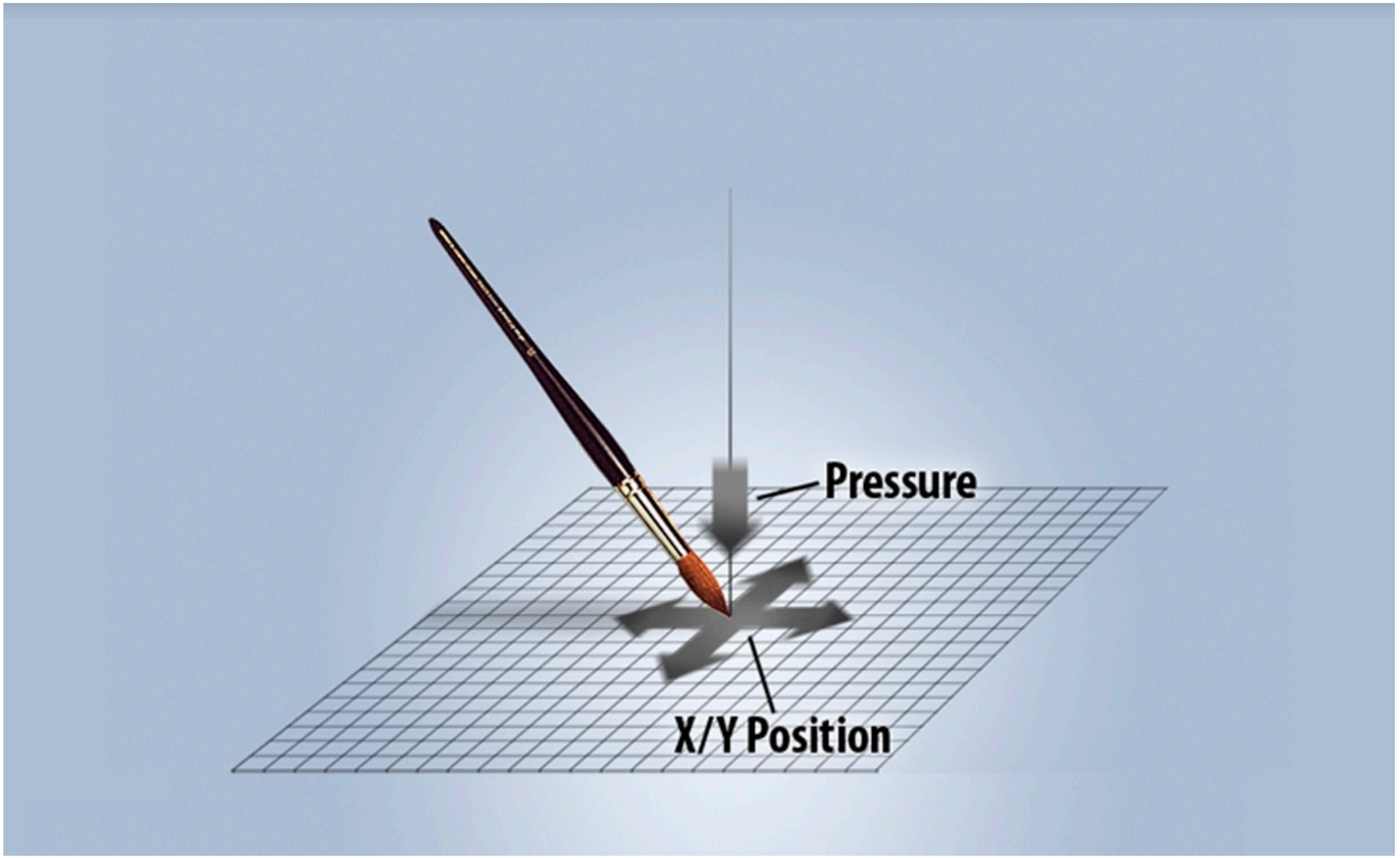

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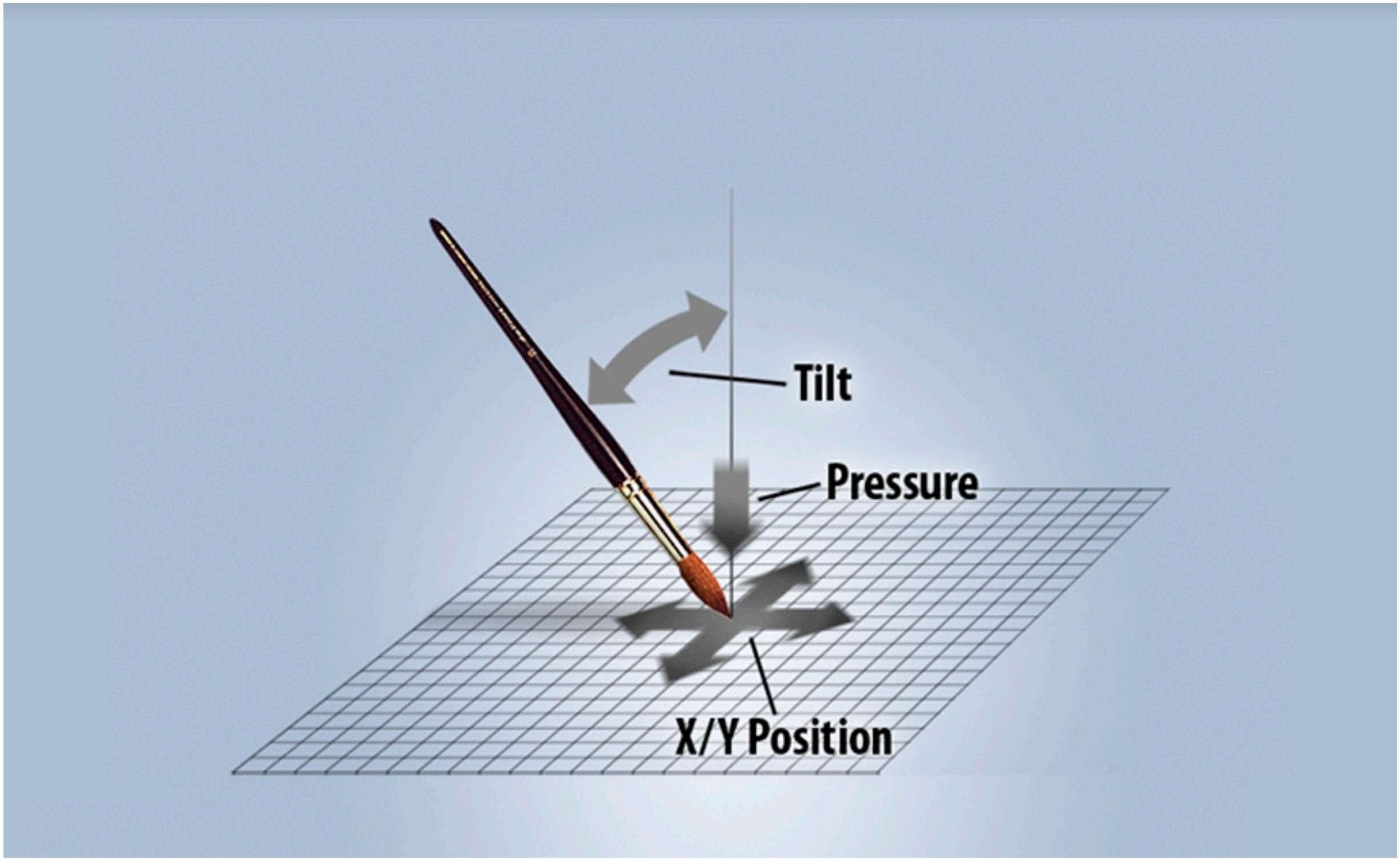

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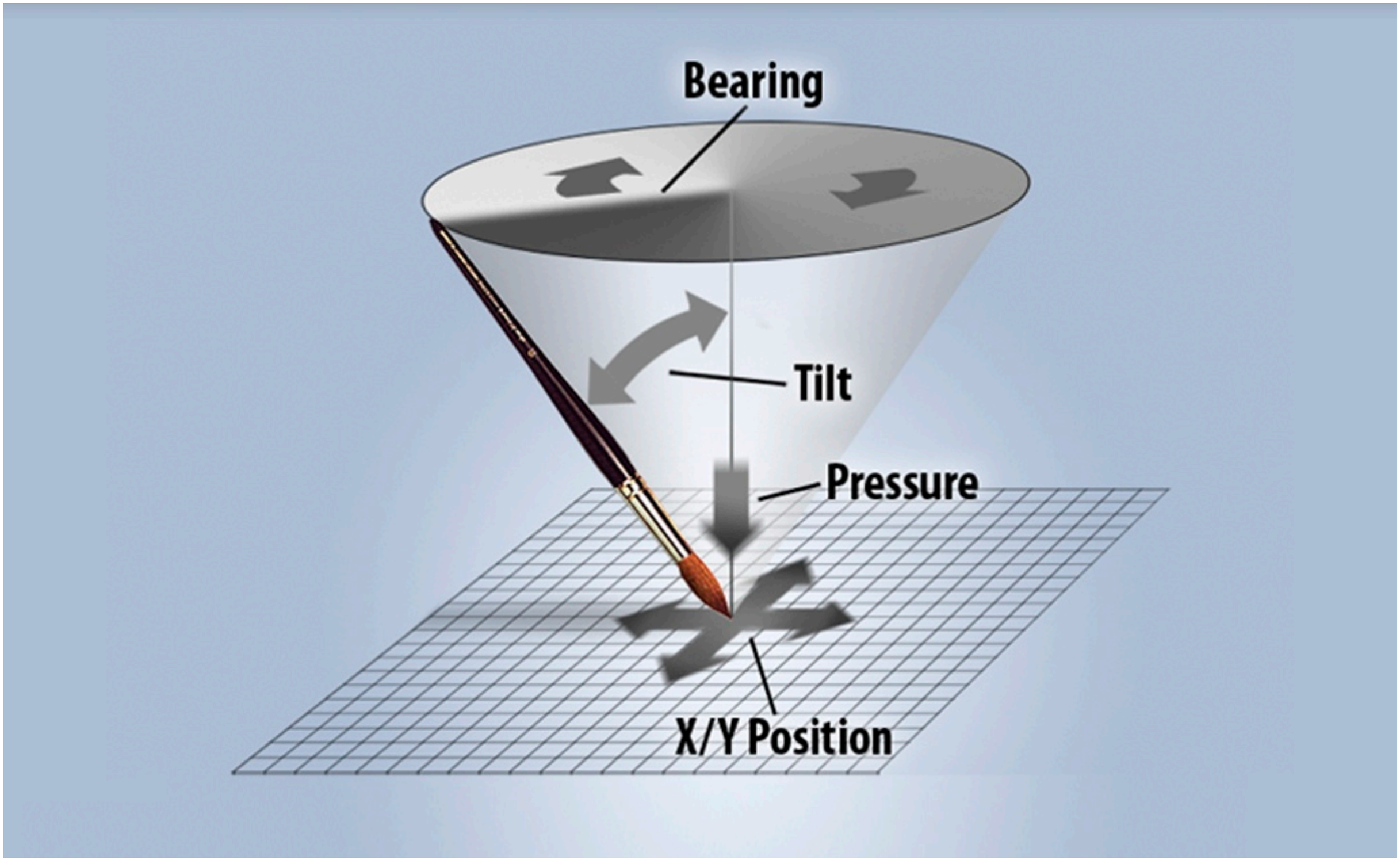
Capturing Expressive Gestures: Six Axes of Motion



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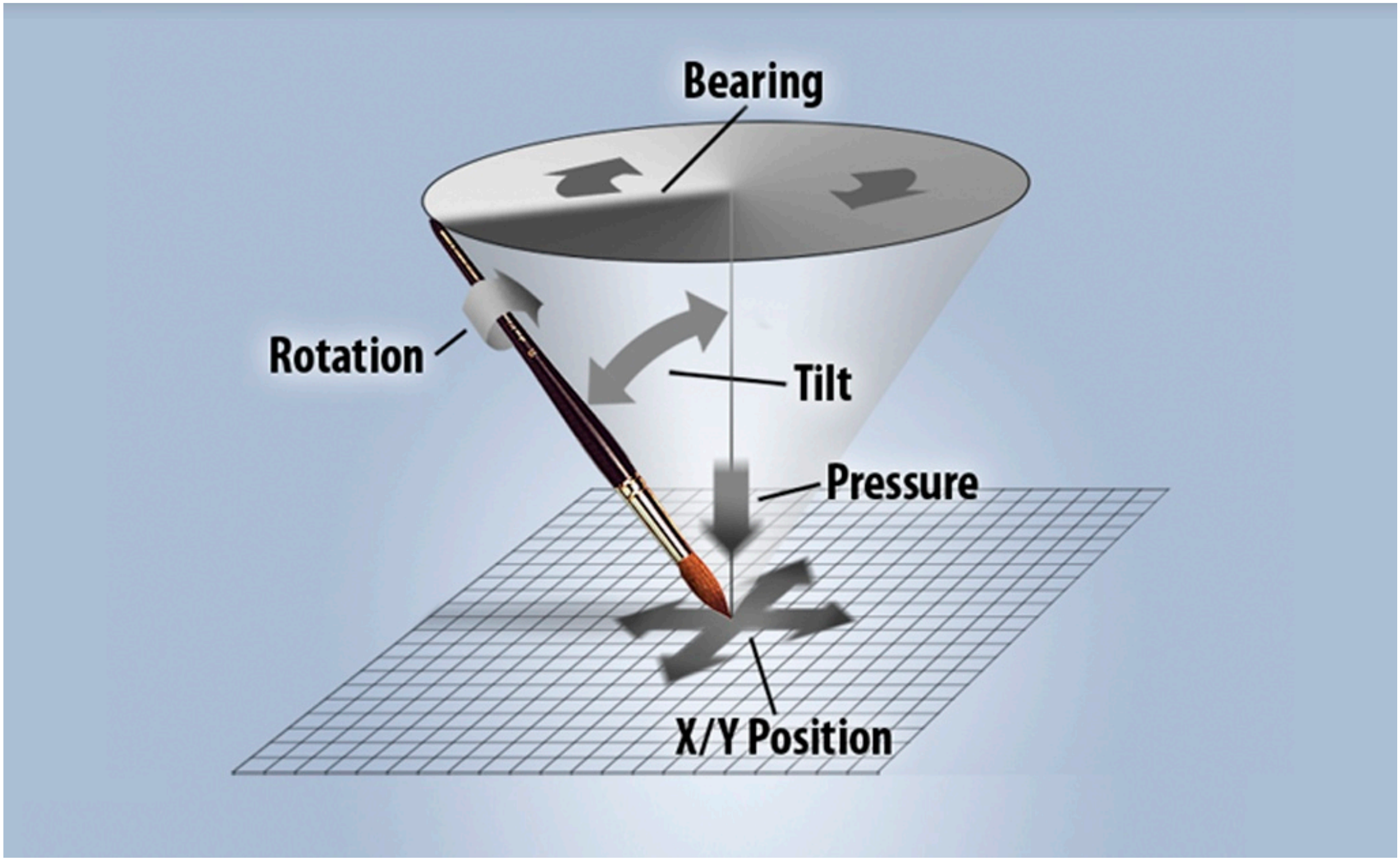
Capturing Expressive Gestures: Six Axes of Motion



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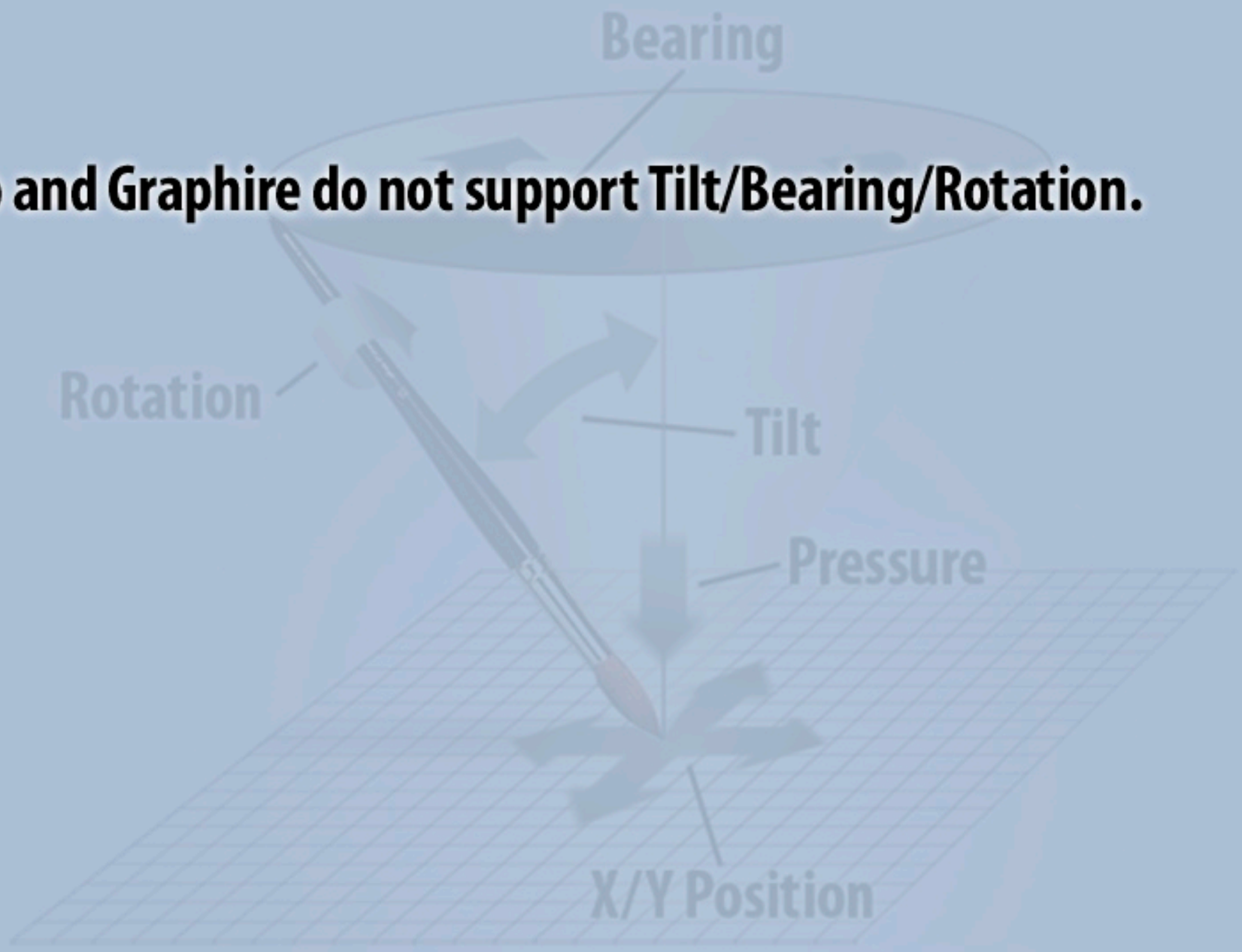
Capturing Expressive Gestures: Six Axes of Motion

- Bamboo and Graphire do not support Tilt/Bearing/Rotation.



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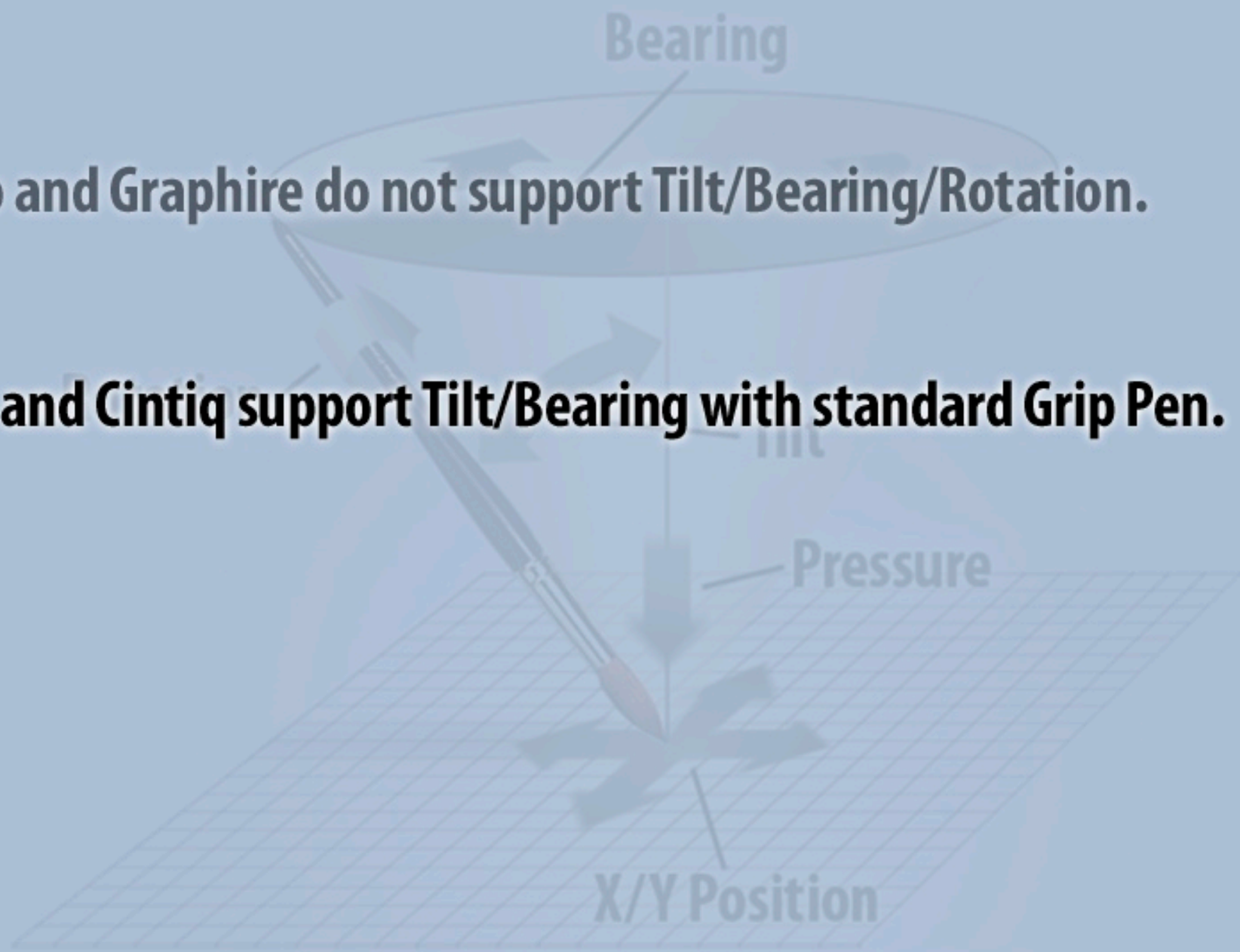
Capturing Expressive Gestures: Six Axes of Motion

- Bamboo and Graphire do not support Tilt/Bearing/Rotation.

- Intuos4 and Cintiq support Tilt/Bearing with standard Grip Pen.



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Capturing Expressive Gestures: Six Axes of Motion

- Bamboo and Graphire do not support Tilt/Bearing/Rotation.

- Intuos4 and Cintiq support Tilt/Bearing with standard Grip Pen.

- Intuos4 and Cintiq support Tilt/Bearing/Rotation with optional 6D Art Pen.

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Wacom Control Surface: Mapping Photoshop CS5

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Bristle Tips: Modeling a Traditional Paintbrush

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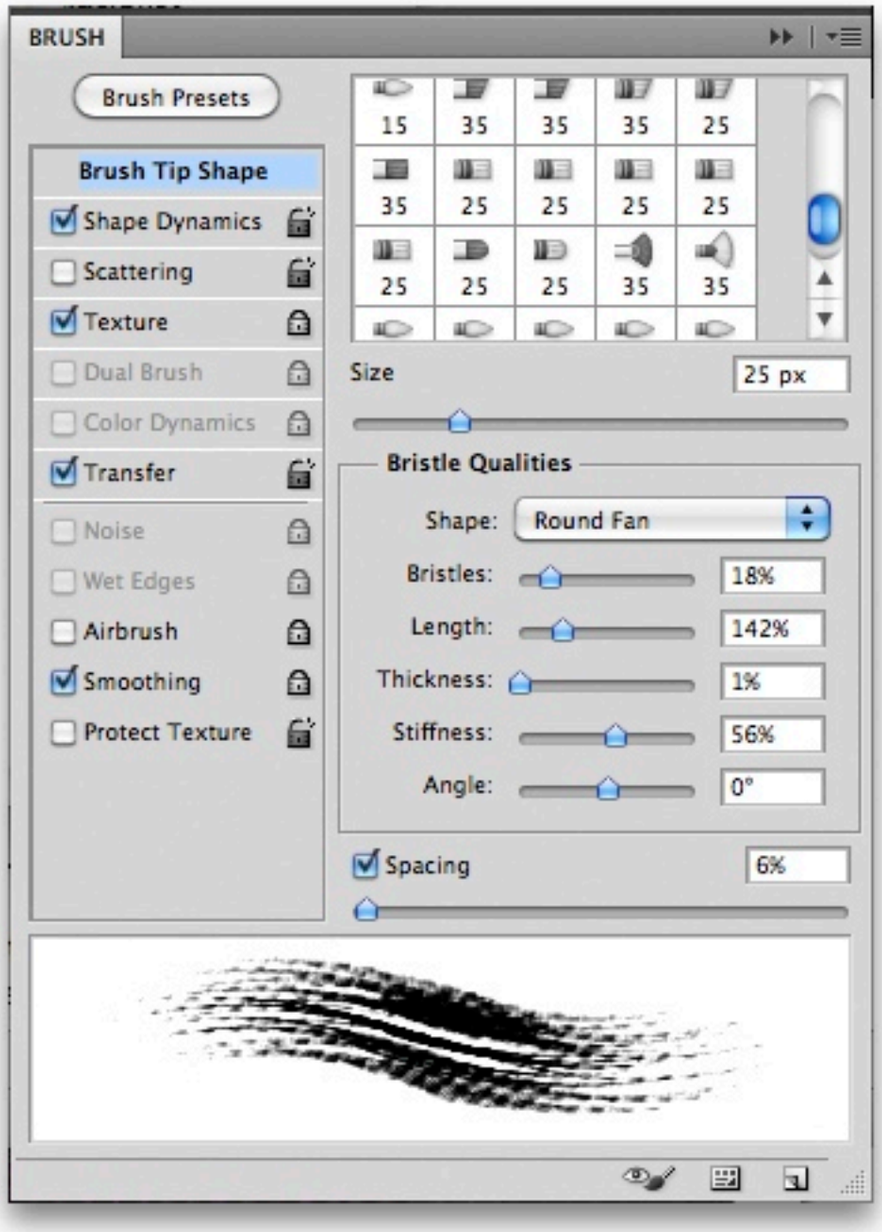
Bristle Tips: Modeling a Traditional Paintbrush

Brush Panel



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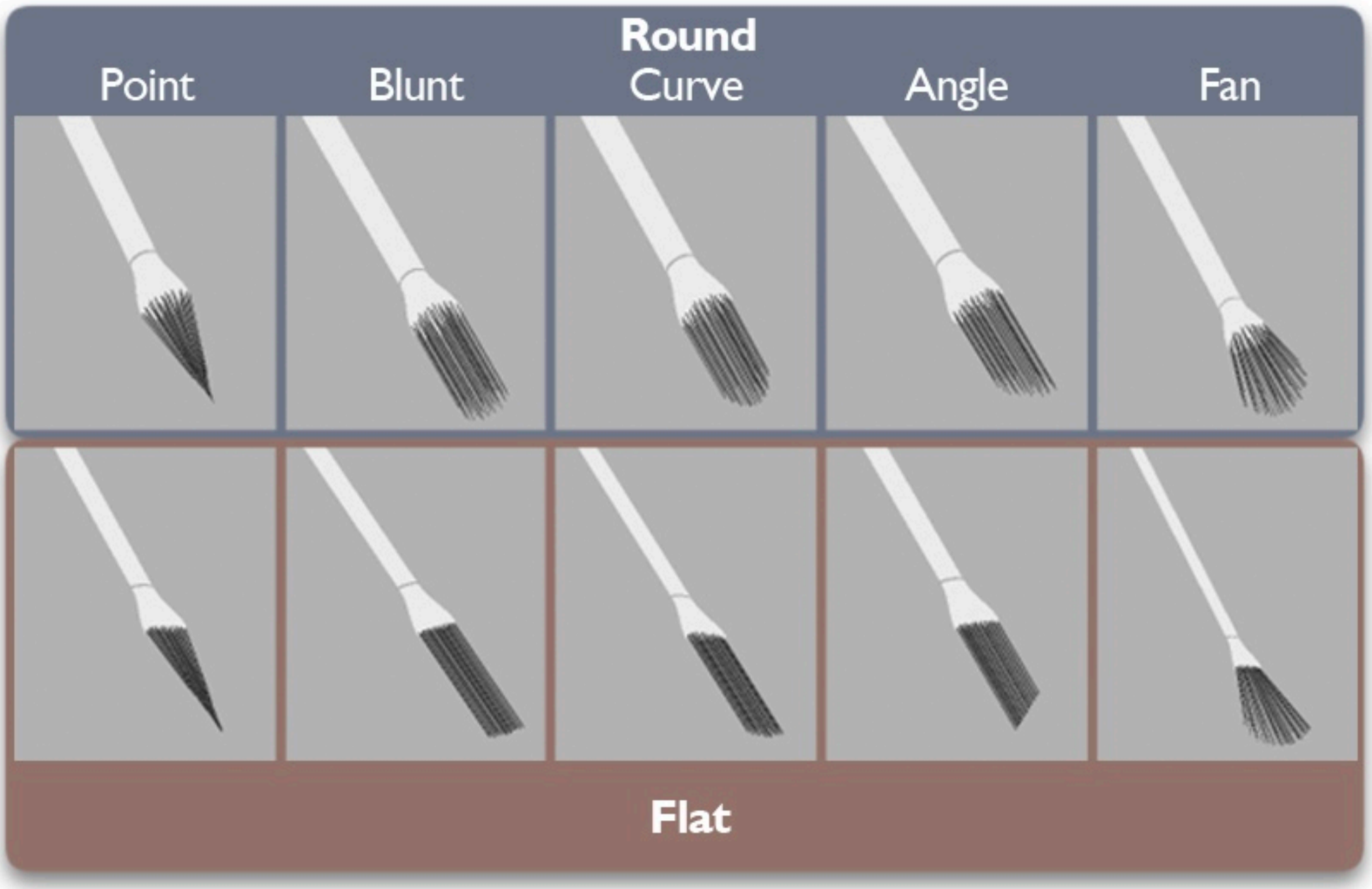
Bristle Tips: Modeling a Traditional Paintbrush



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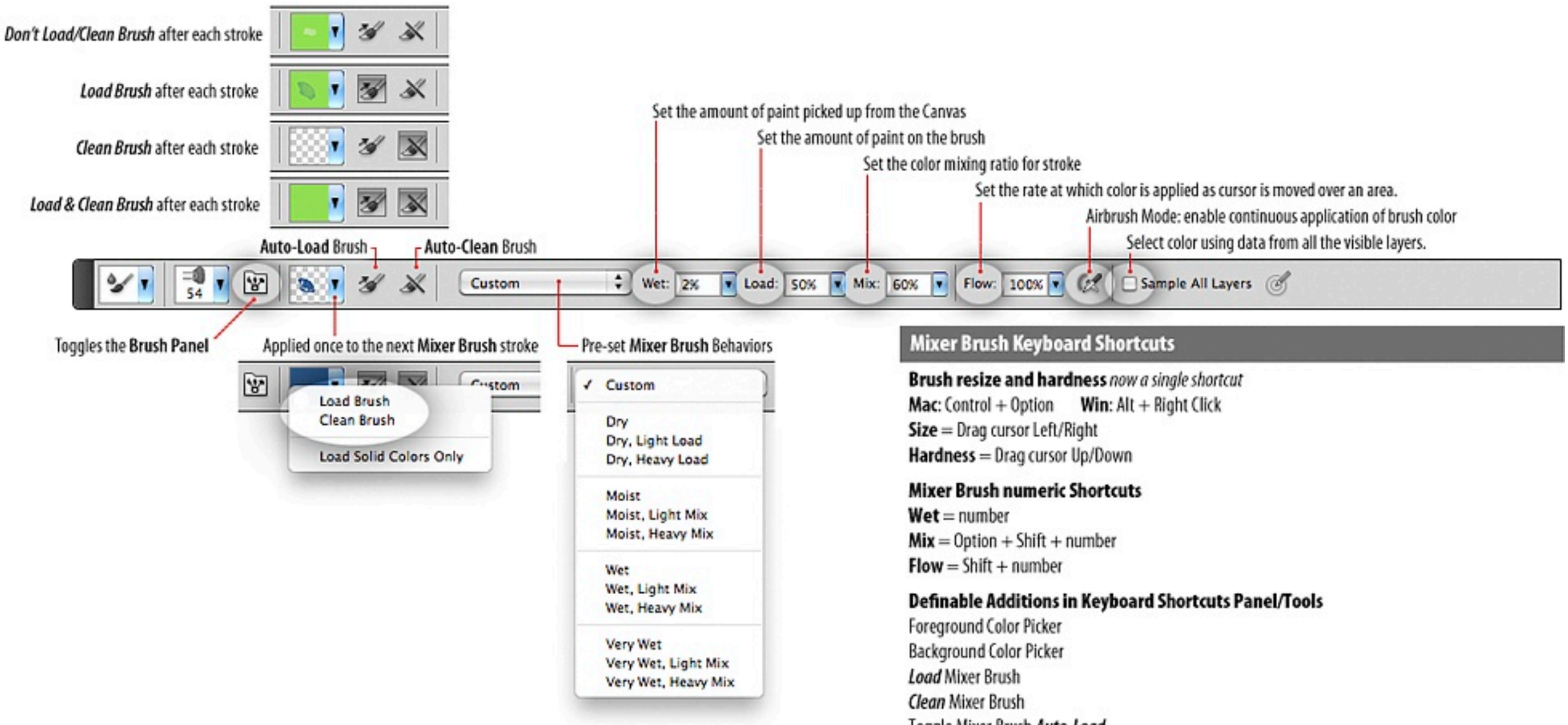
The Mixer Brush: Paint Made from Pixels

Mixer Brush Option Bar



Mixer Brush Keyboard Shortcuts

Brush resize and hardness *now a single shortcut*
Mac: Control + Option **Win:** Alt + Right Click
Size = Drag cursor Left/Right
Hardness = Drag cursor Up/Down

Mixer Brush numeric Shortcuts
Wet = number
Mix = Option + Shift + number
Flow = Shift + number

Definable Additions in Keyboard Shortcuts Panel/Tools
Foreground Color Picker
Background Color Picker
Load Mixer Brush
Clean Mixer Brush
Toggle Mixer Brush ***Auto-Load***
Toggle Mixer Brush ***Auto-Clean***

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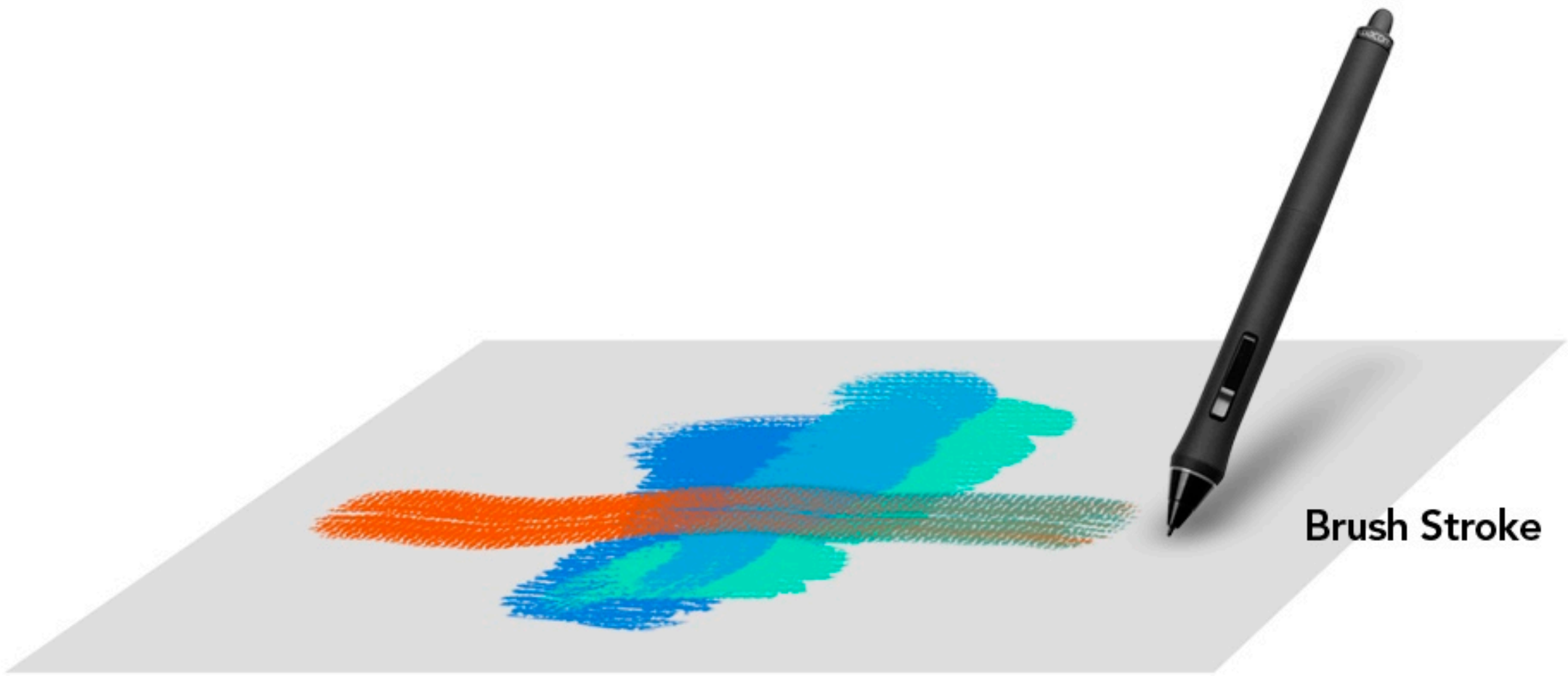
The Mixer Brush: Paint Made from Pixels



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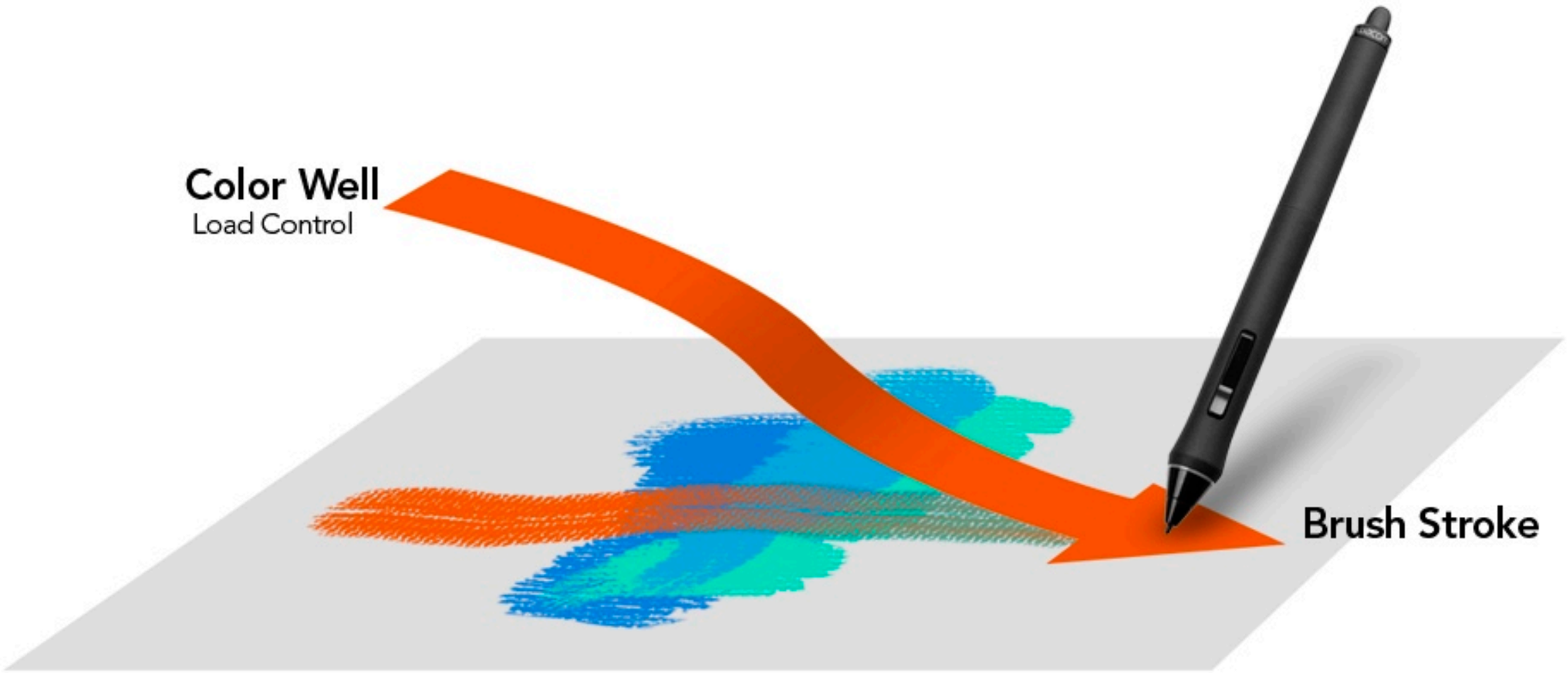

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The Mixer Brush: Paint Made from Pixels

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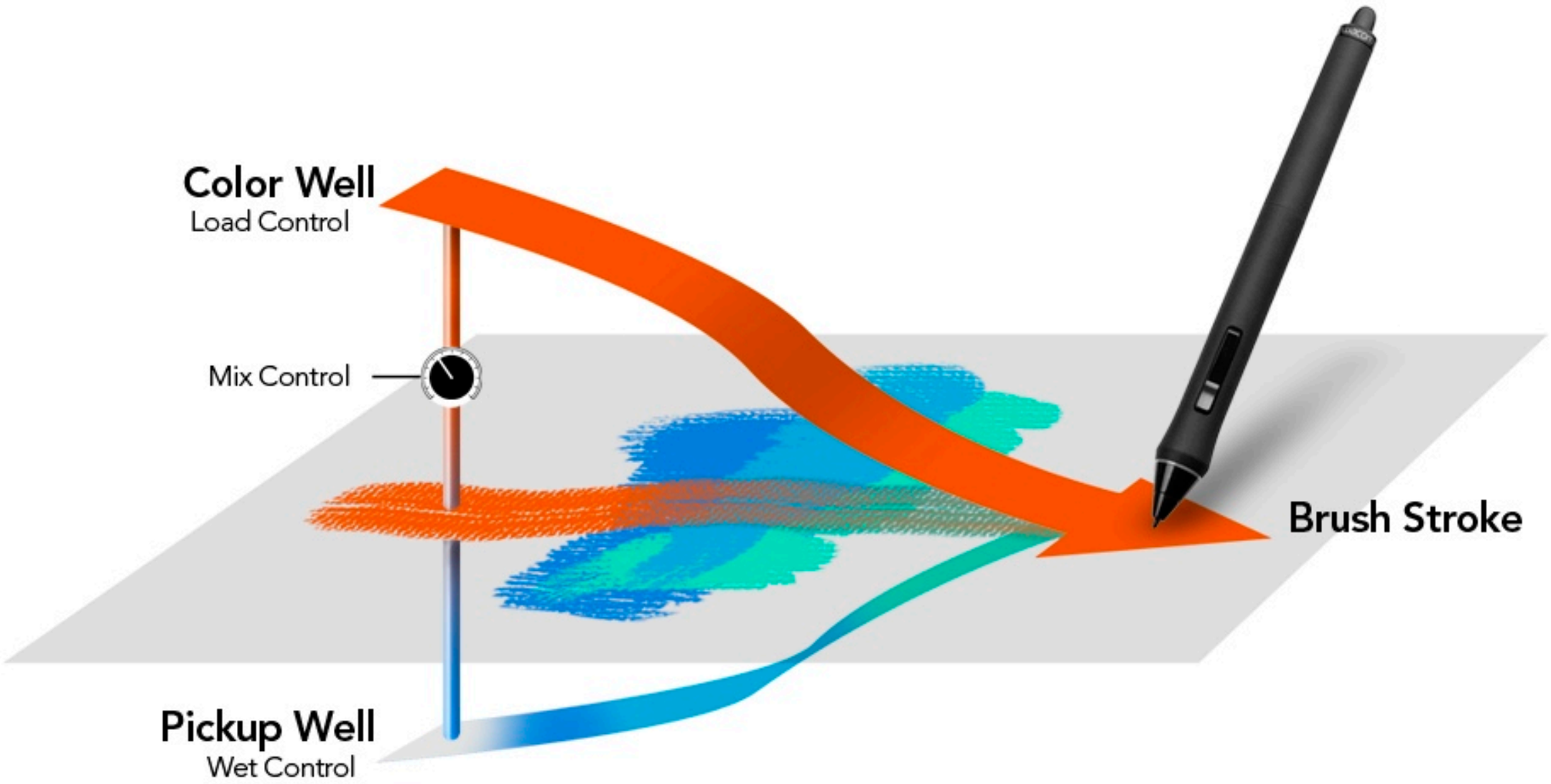

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Texture: That Analog Glow

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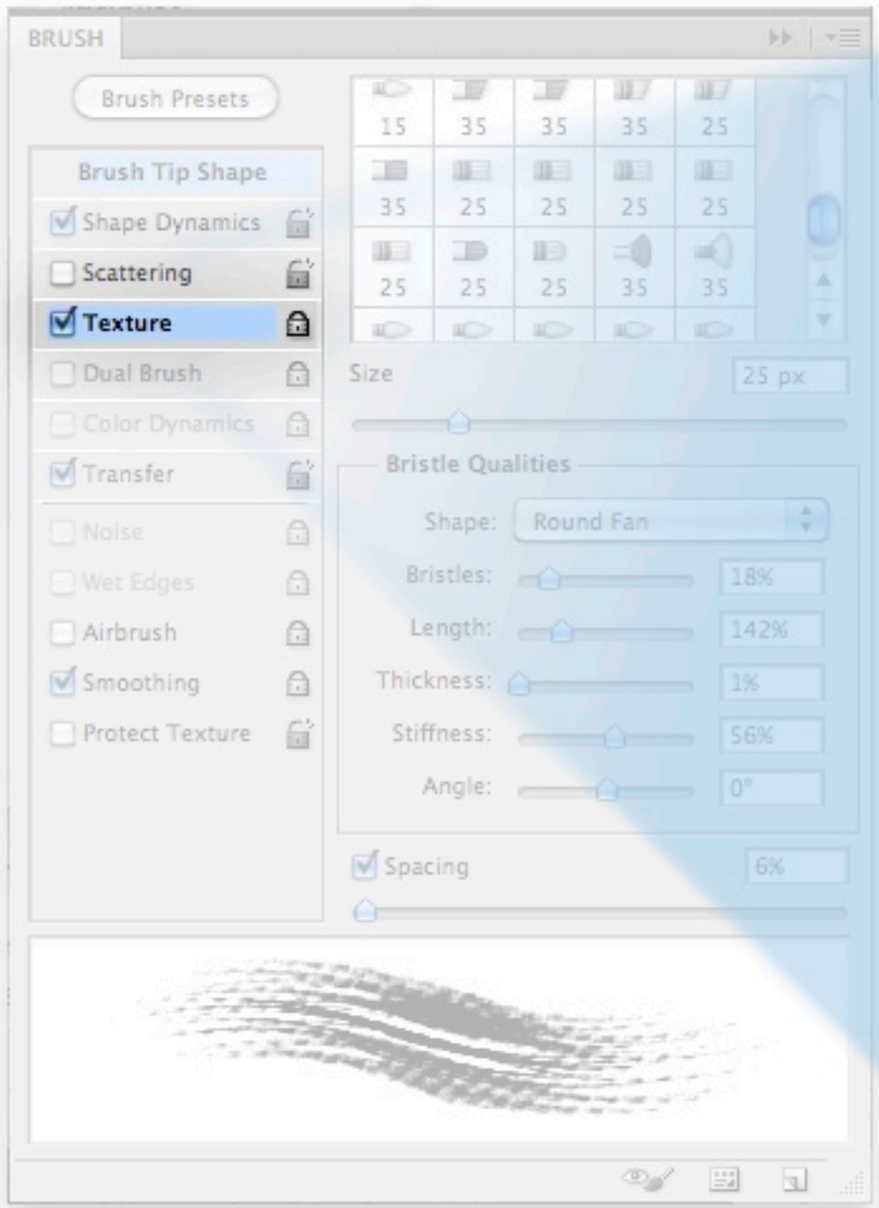
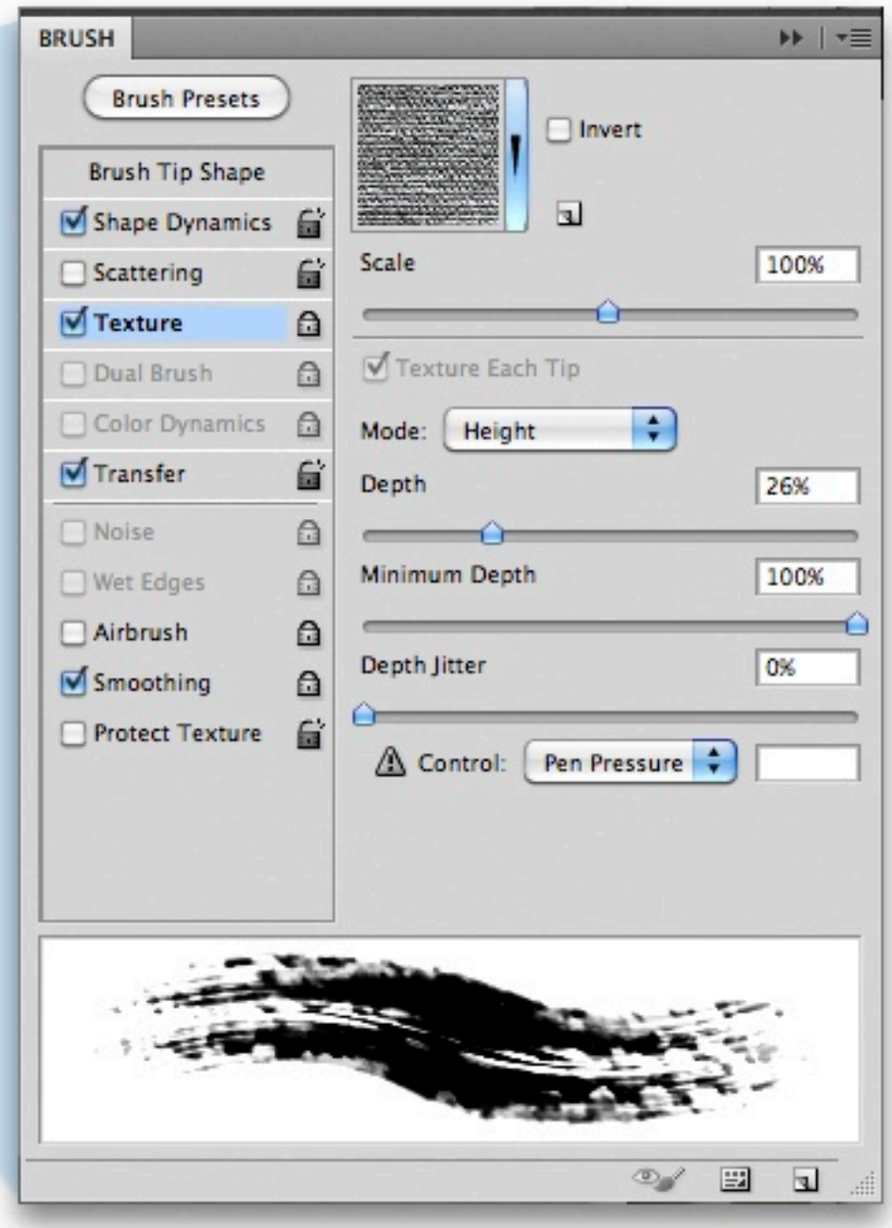
Texture: That Analog Glow

Brush Panel



Texture sub-Panel



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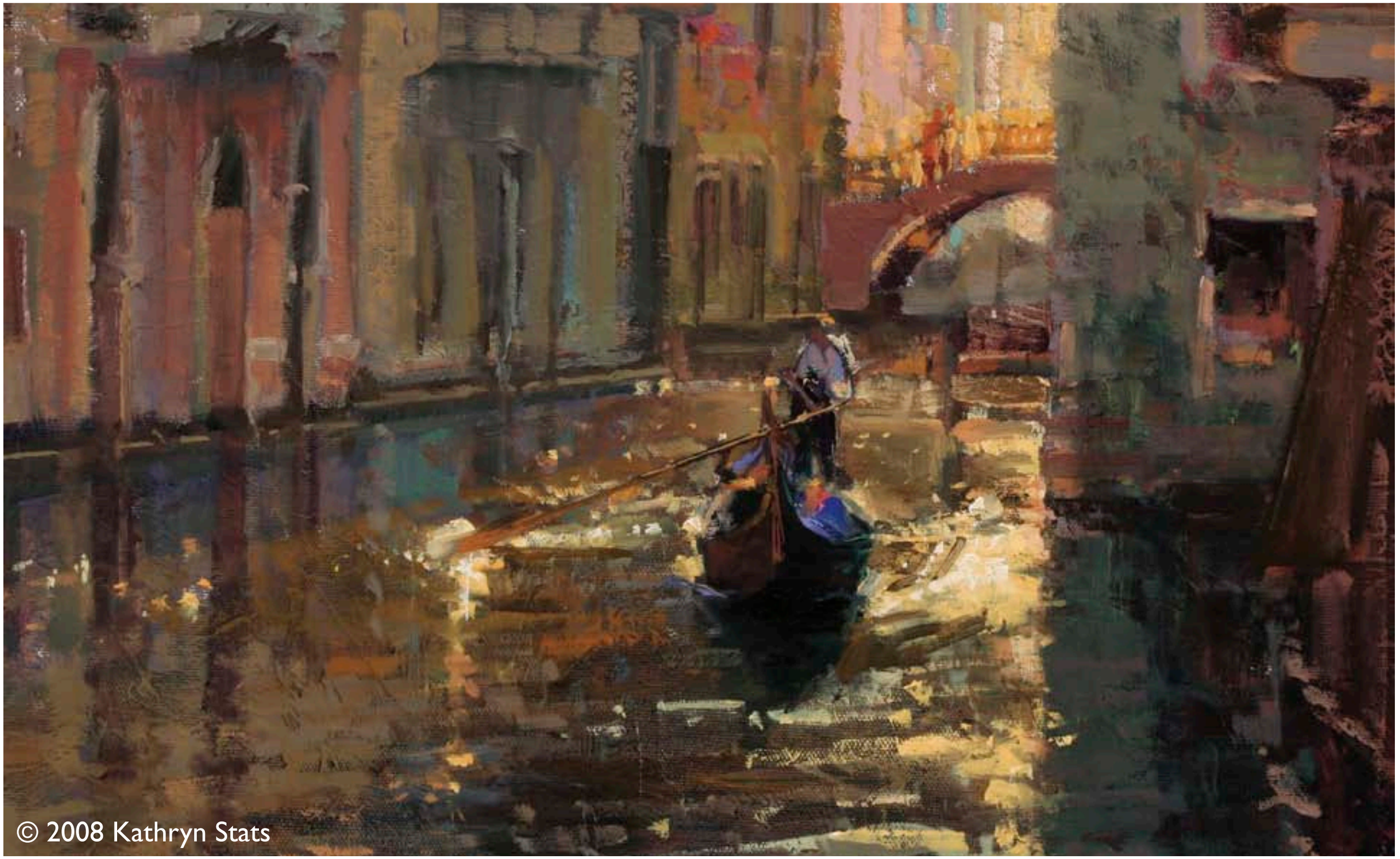
Texture: That Analog Glow



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Texture: That Analog Glow

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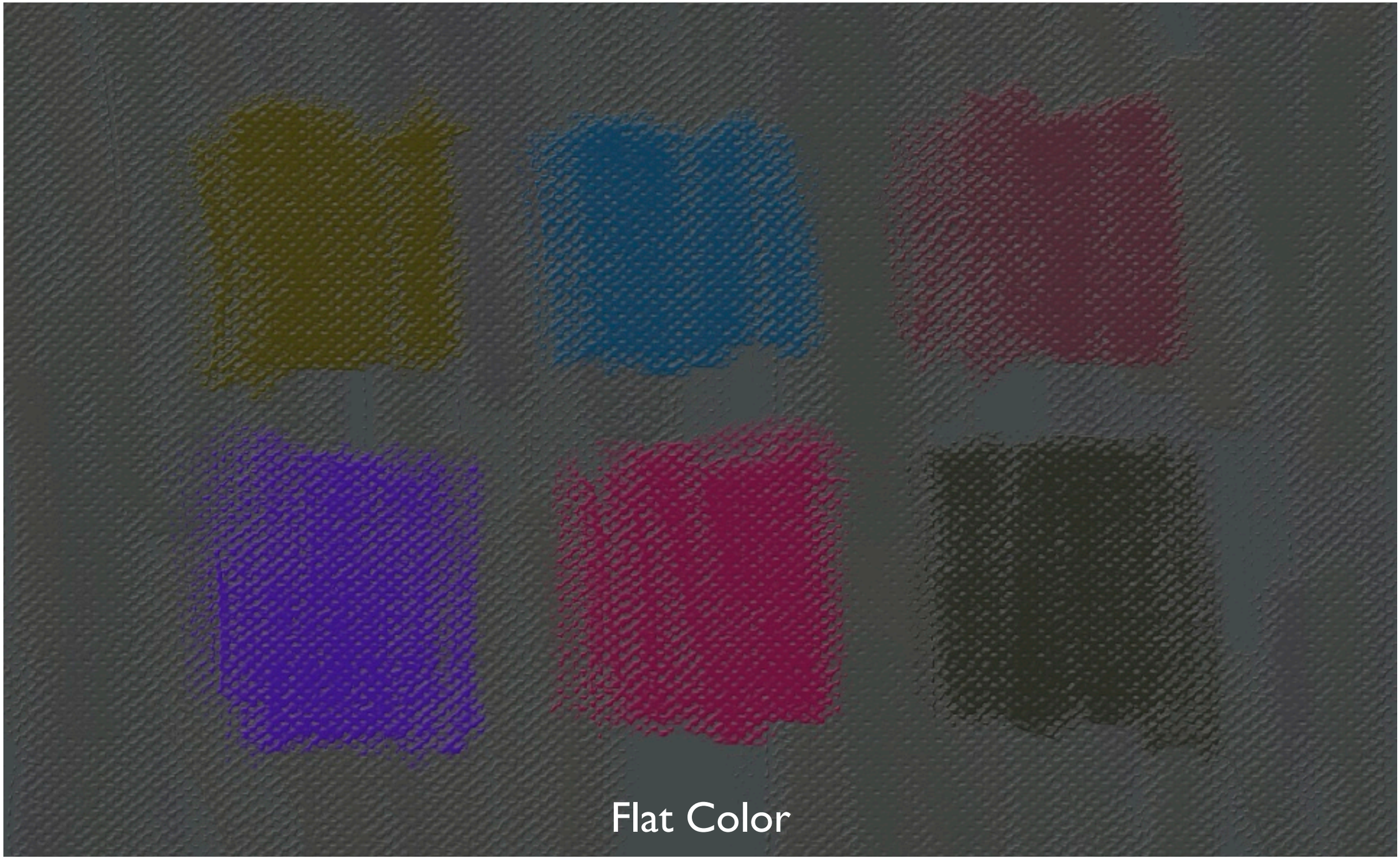
Texture: That Analog Glow



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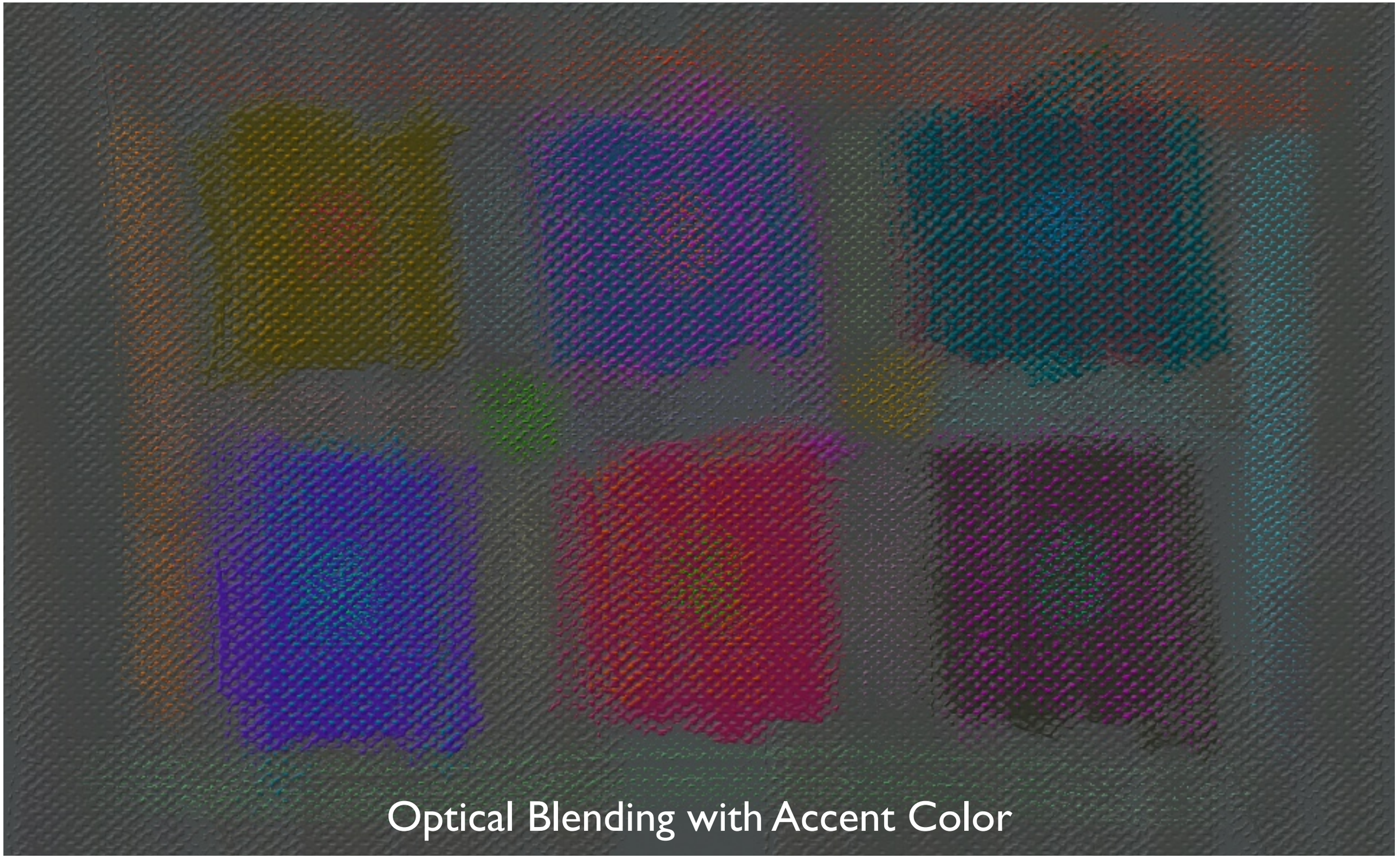
Texture: That Analog Glow



Optical Blending with Accent Color

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Tool Presets: Choose & Use

Brush Selection should be

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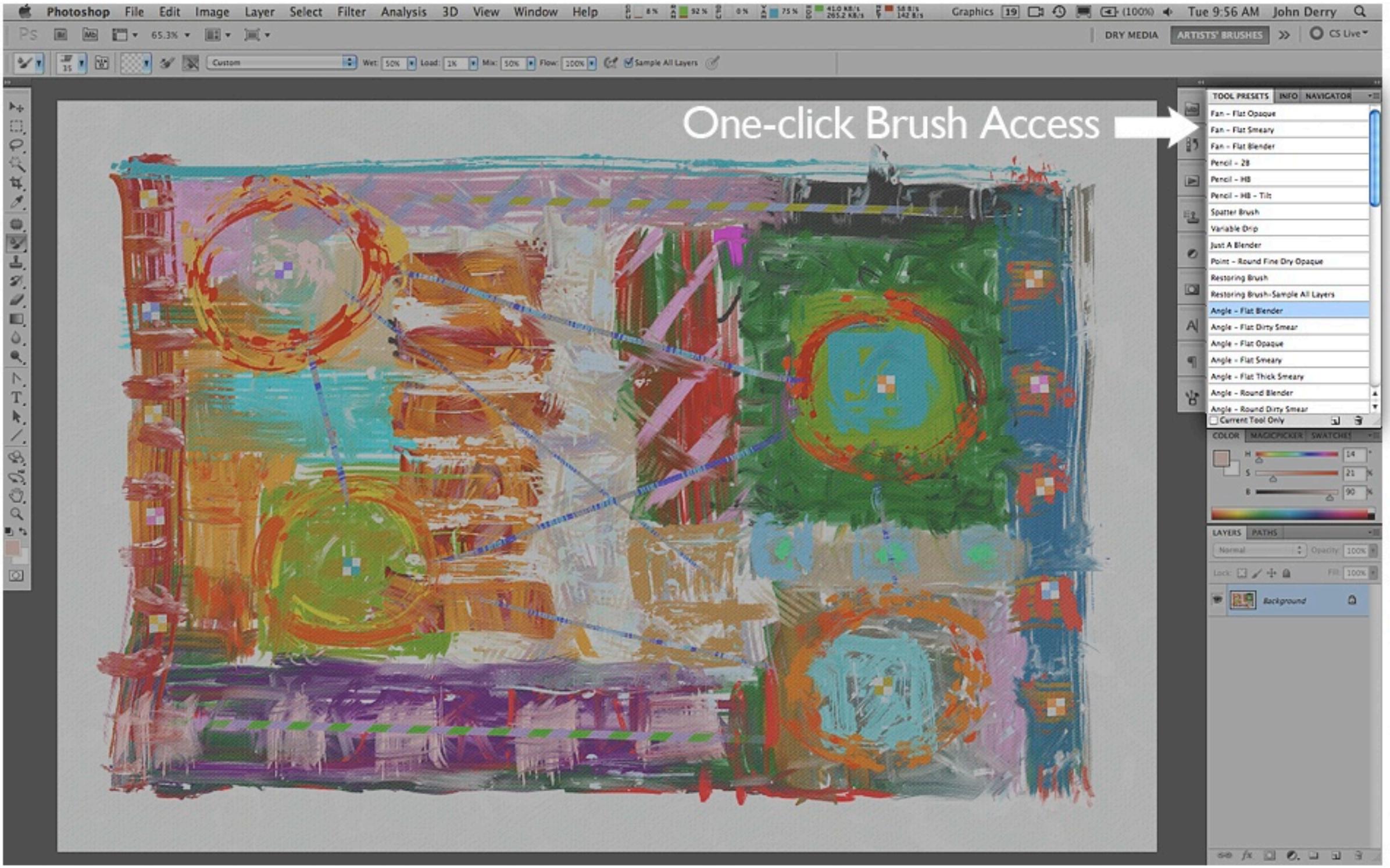
Tool Presets: Choose & Use



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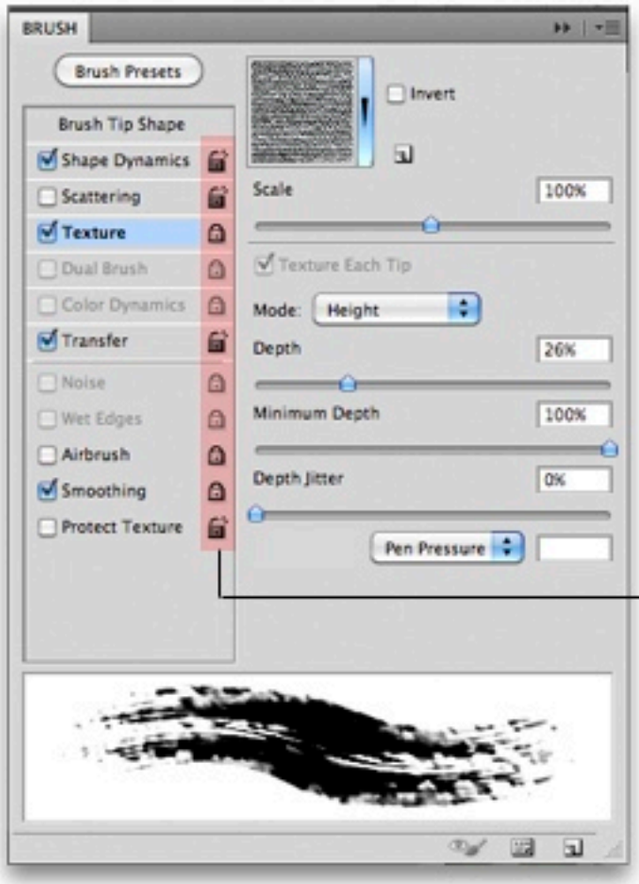
Tool Presets: Brush vs. Tool

Brush Preset vs. Tool Preset

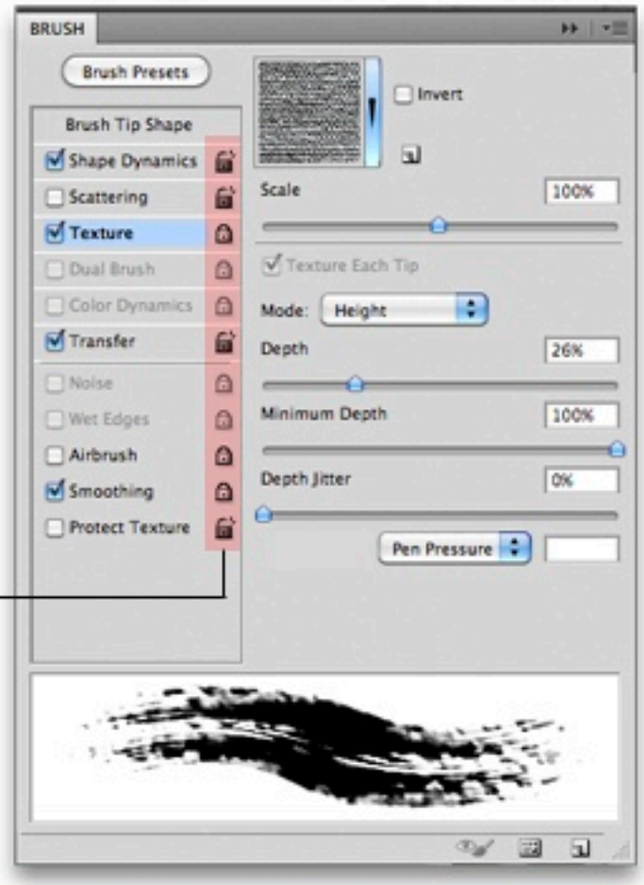
Brush Panel Settings



Saved Settings

Lock Options not saved.

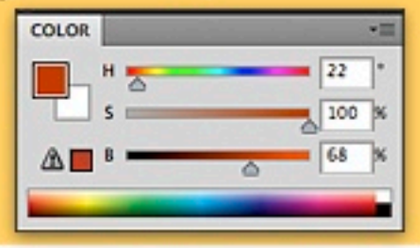
Brush Panel Settings



Brush Presets do not save crucial *Mixer Brush* settings!

Option Bar Settings +

Current Color +



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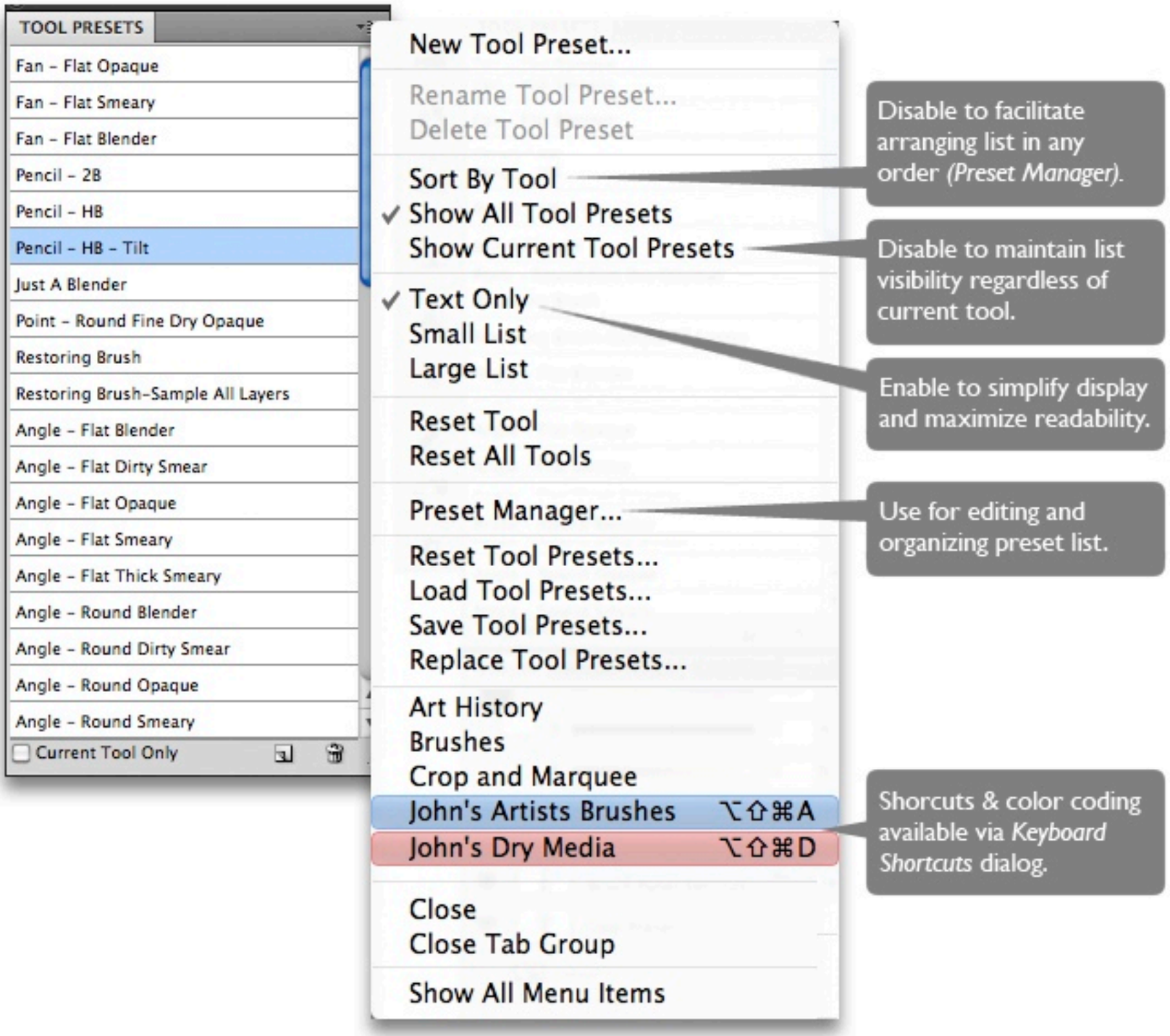
Tool Presets: Choose & Use

A customizable text-based list view enables quick access to brushes with a single click.



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Painting from a Reference: Workflow

Dip your Paintbrush
into a Photograph.

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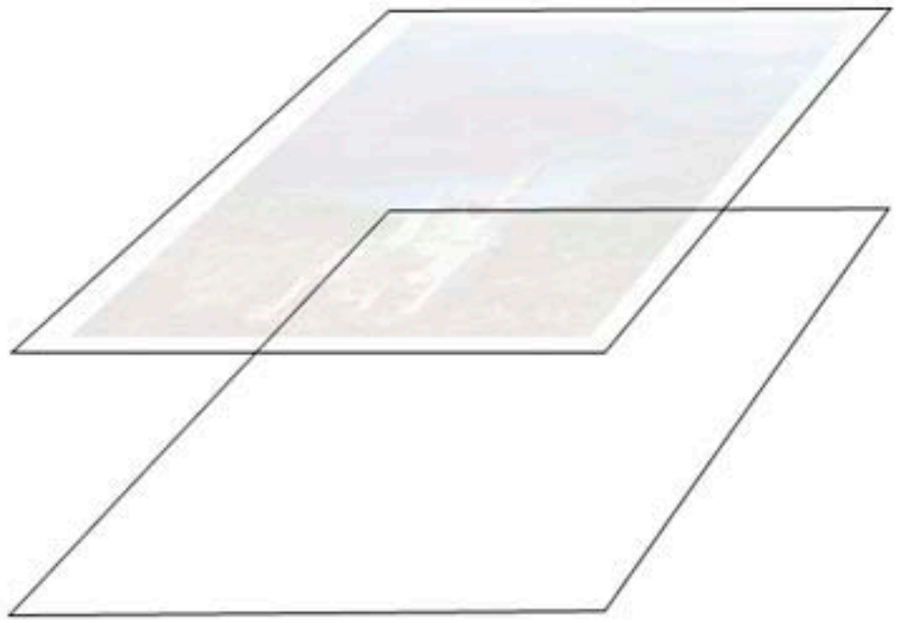
Anatomy of Cloning Layers

Mixer Brush *Pickup Well (Wetness)* does not recognize *Opacity*: as a result, Color is picked up at Full Opacity.

Image Layer = 1% Opacity
(100% RGB •1% Alpha)

+

Empty Layer = 100% Opacity
(100% RGB •100% Alpha)



Merged Layers

Cloning Layer = 100% Opacity
(100% RGB w/1% Image •100% Alpha)

Mixer Brush *Wetness* ≥ 1%

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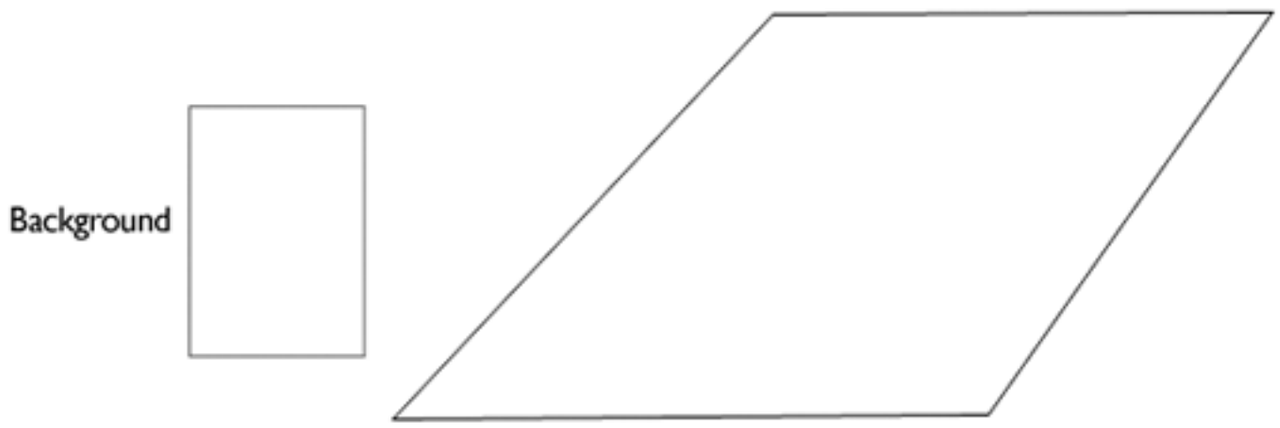
Anatomy of Cloning Layers



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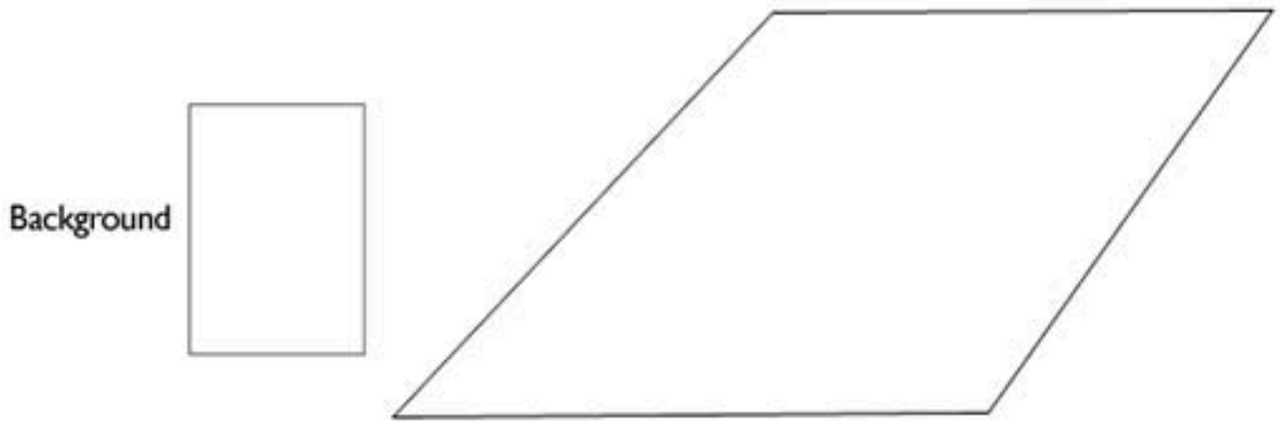
Anatomy of Cloning Layers



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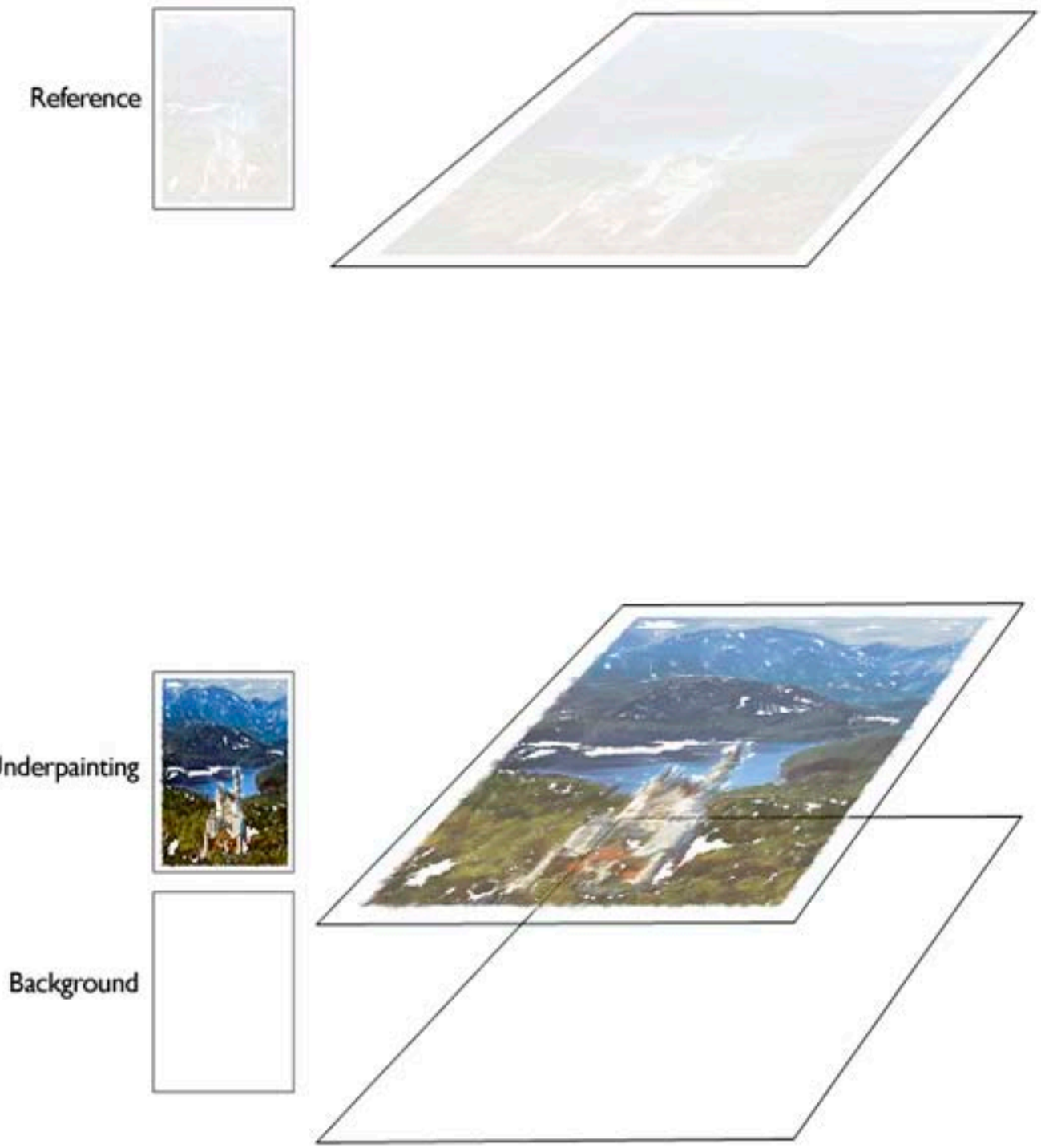
Anatomy of Cloning Layers



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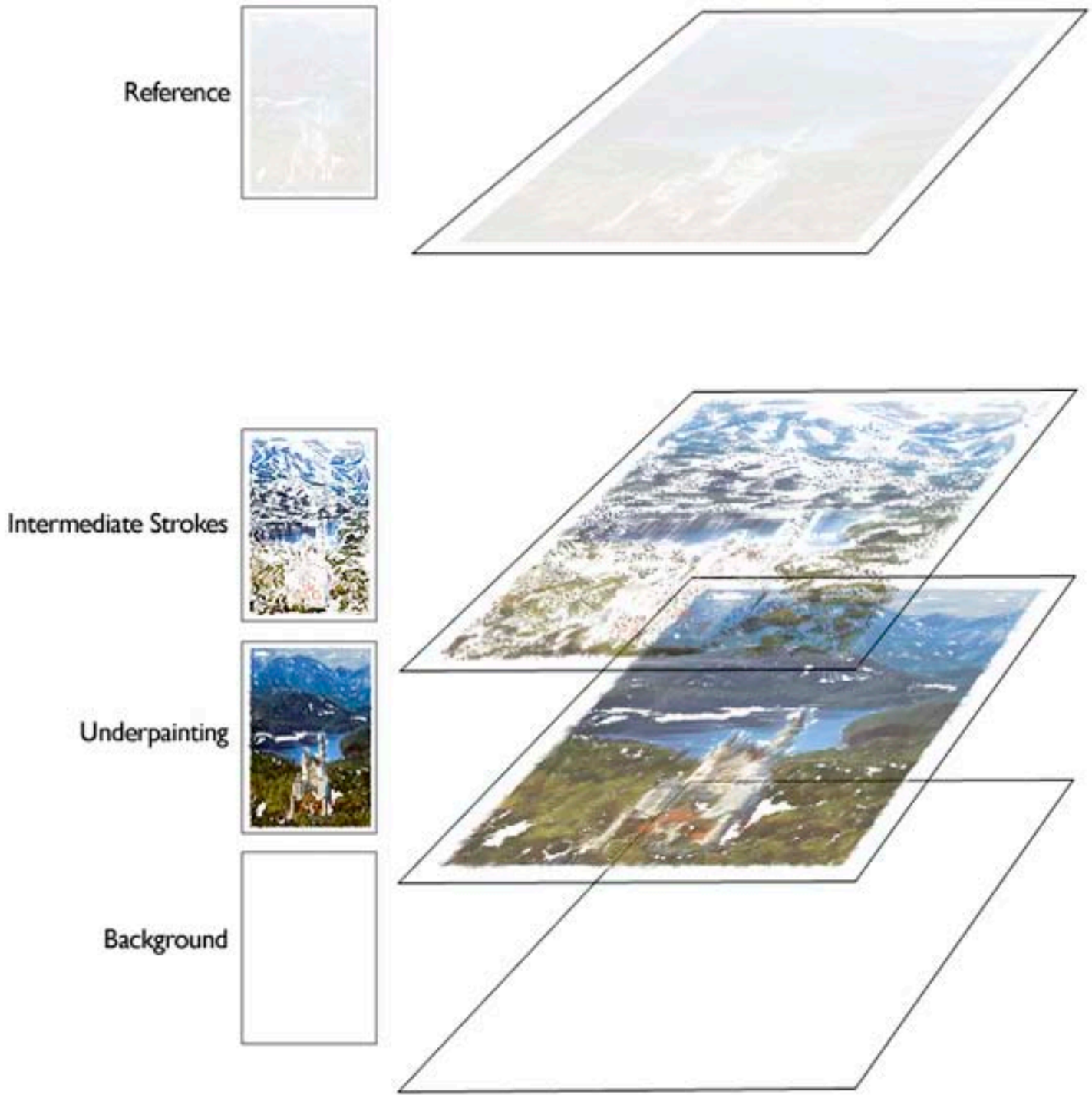
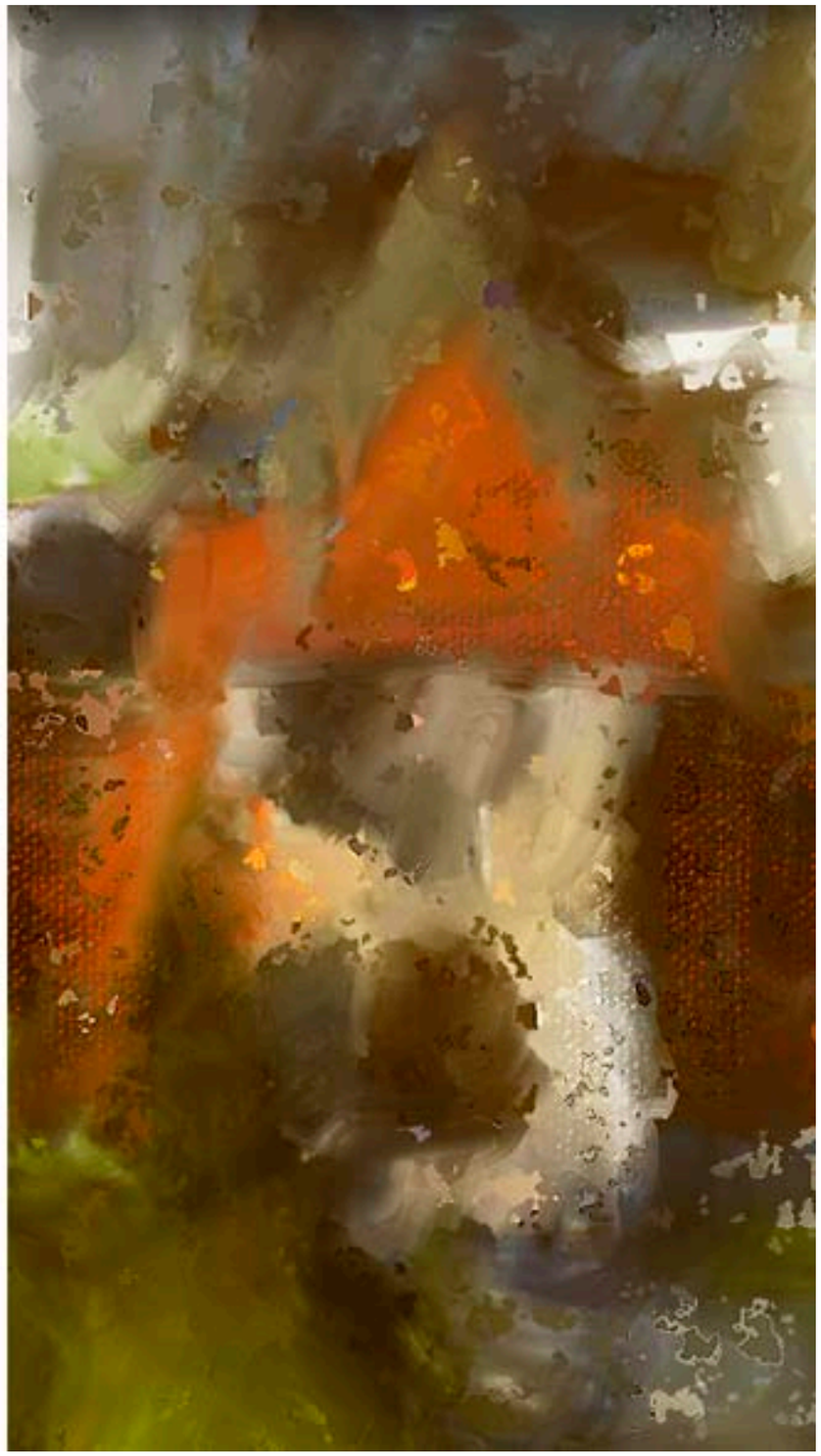
Anatomy of Cloning Layers





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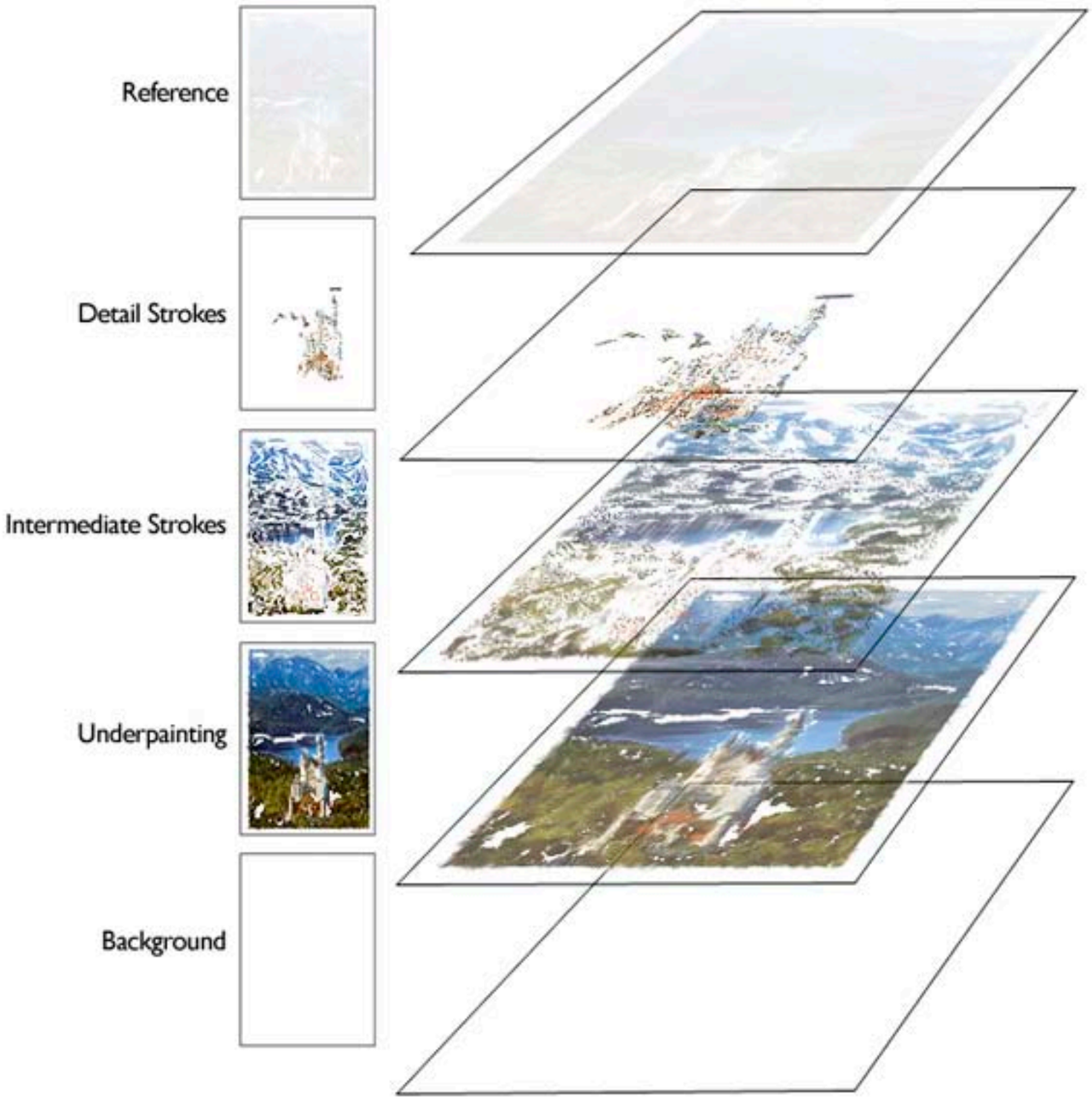
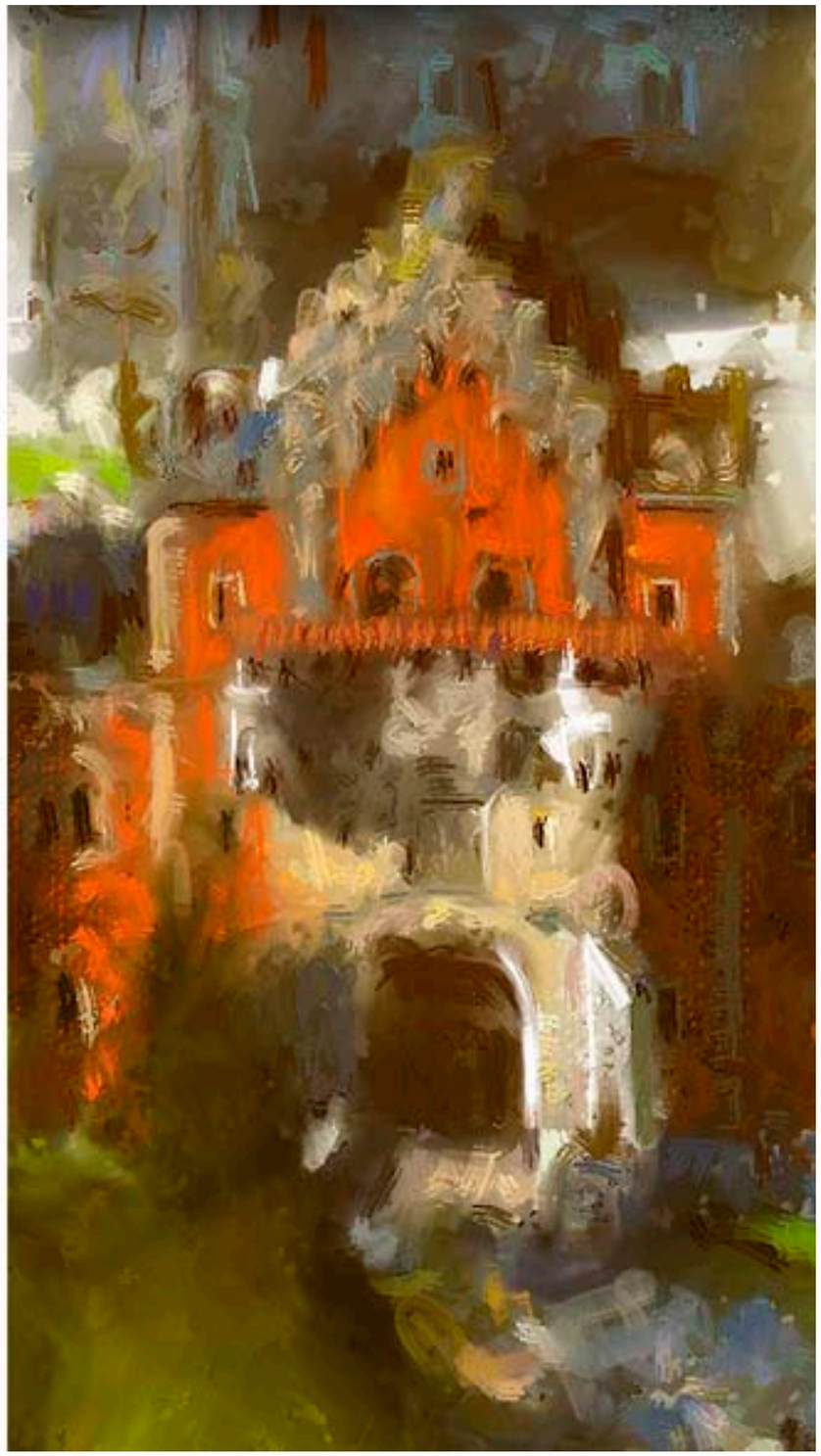
Anatomy of Cloning Layers





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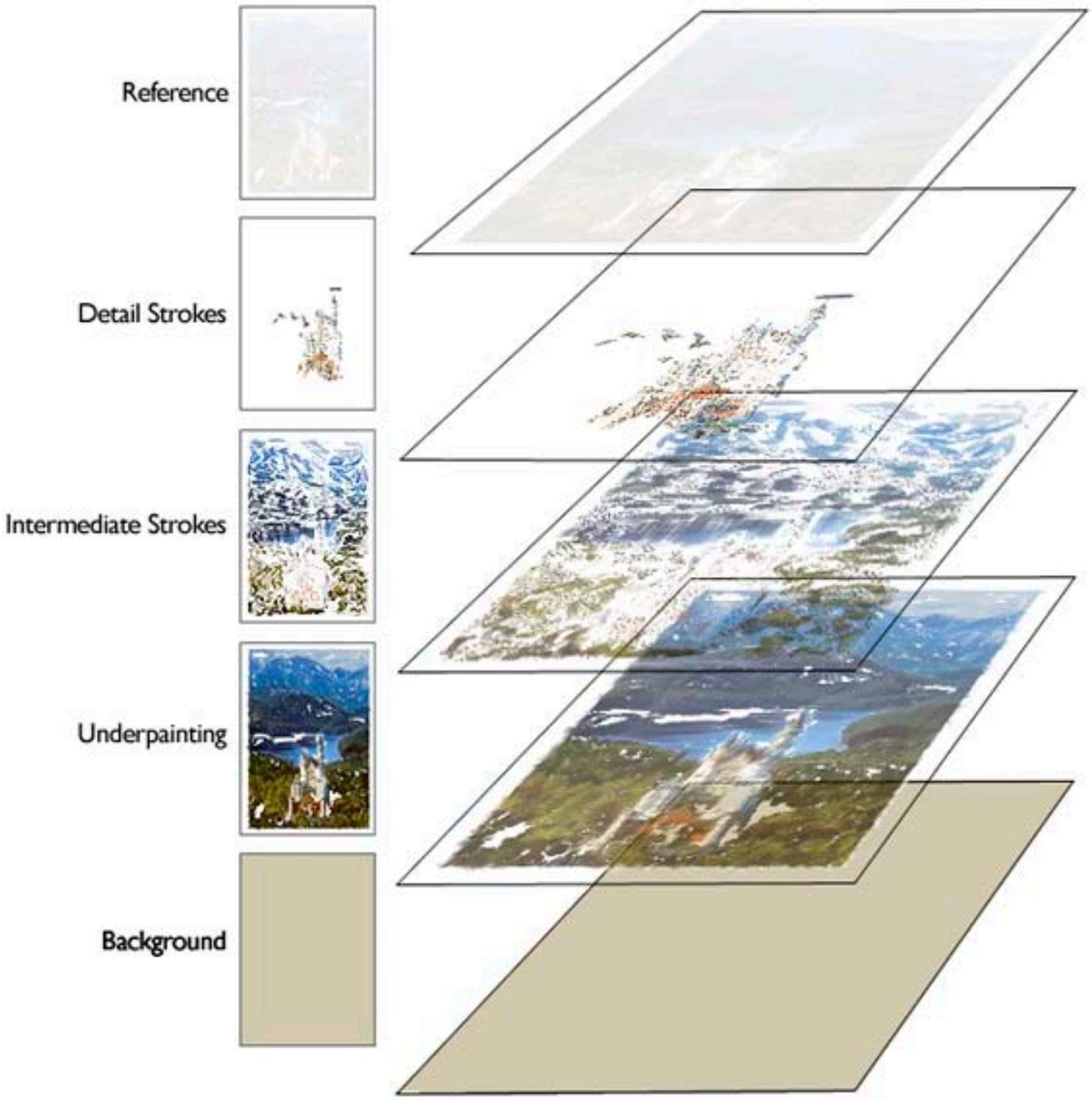
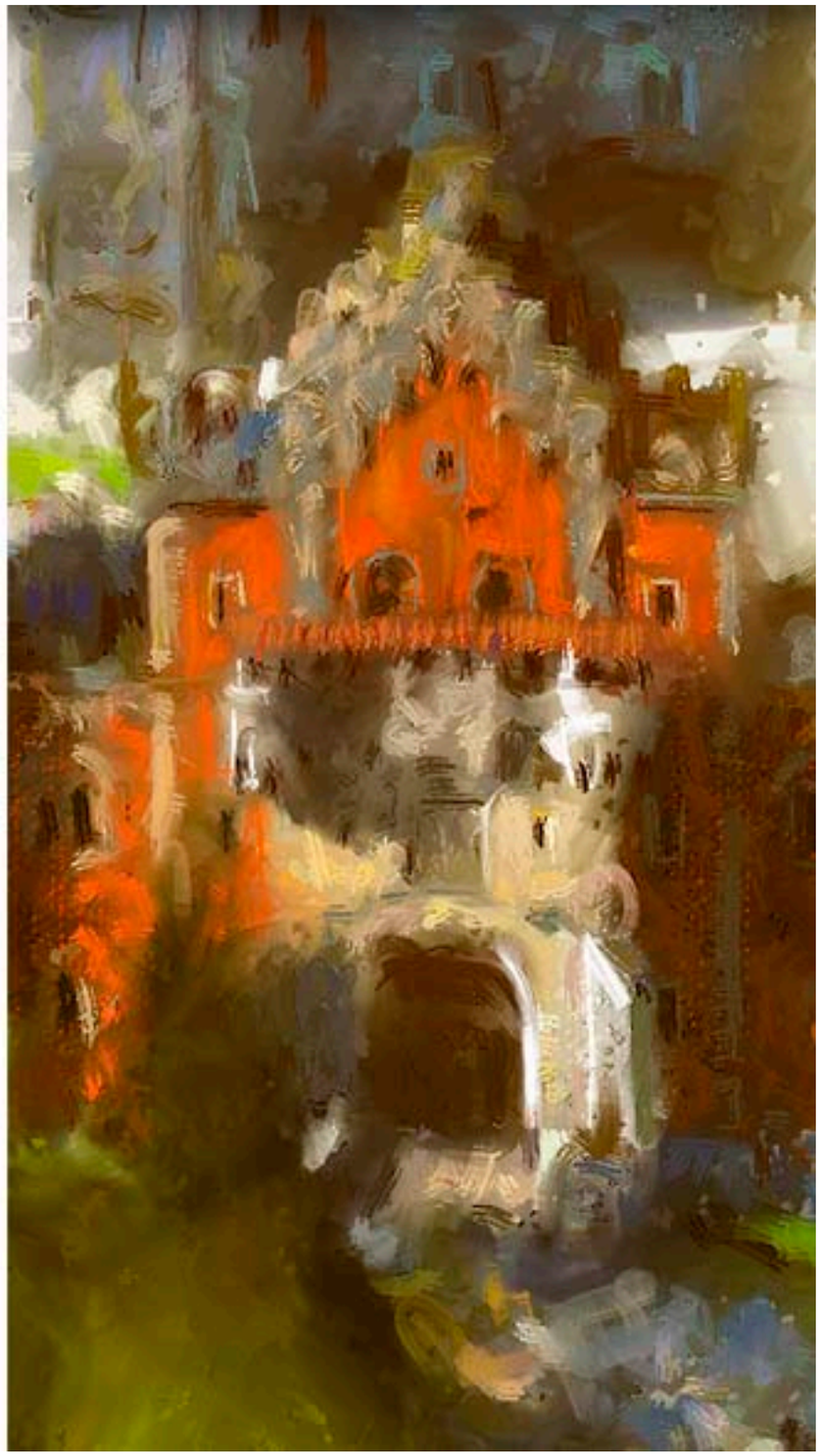
Anatomy of Cloning Layers





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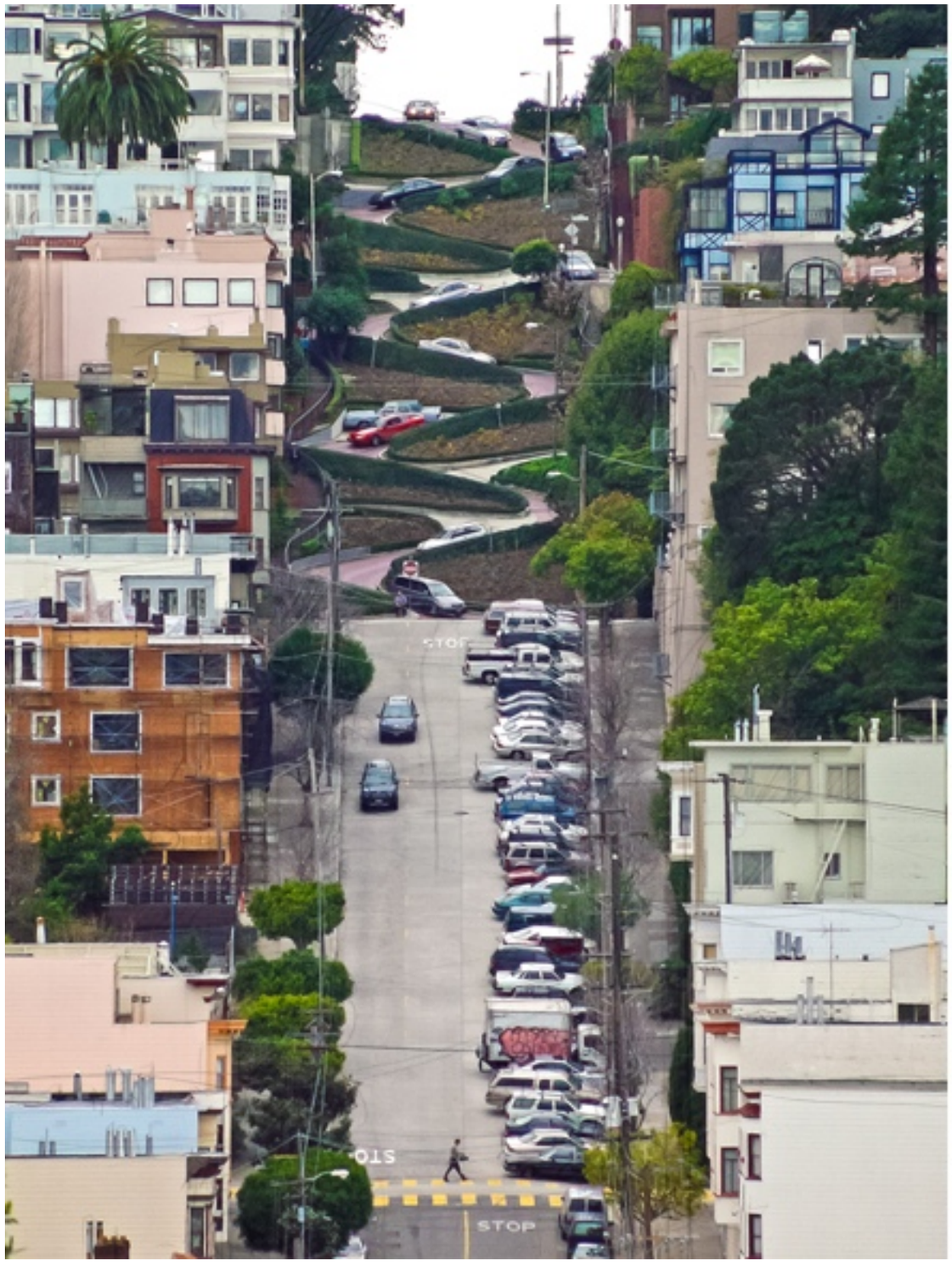
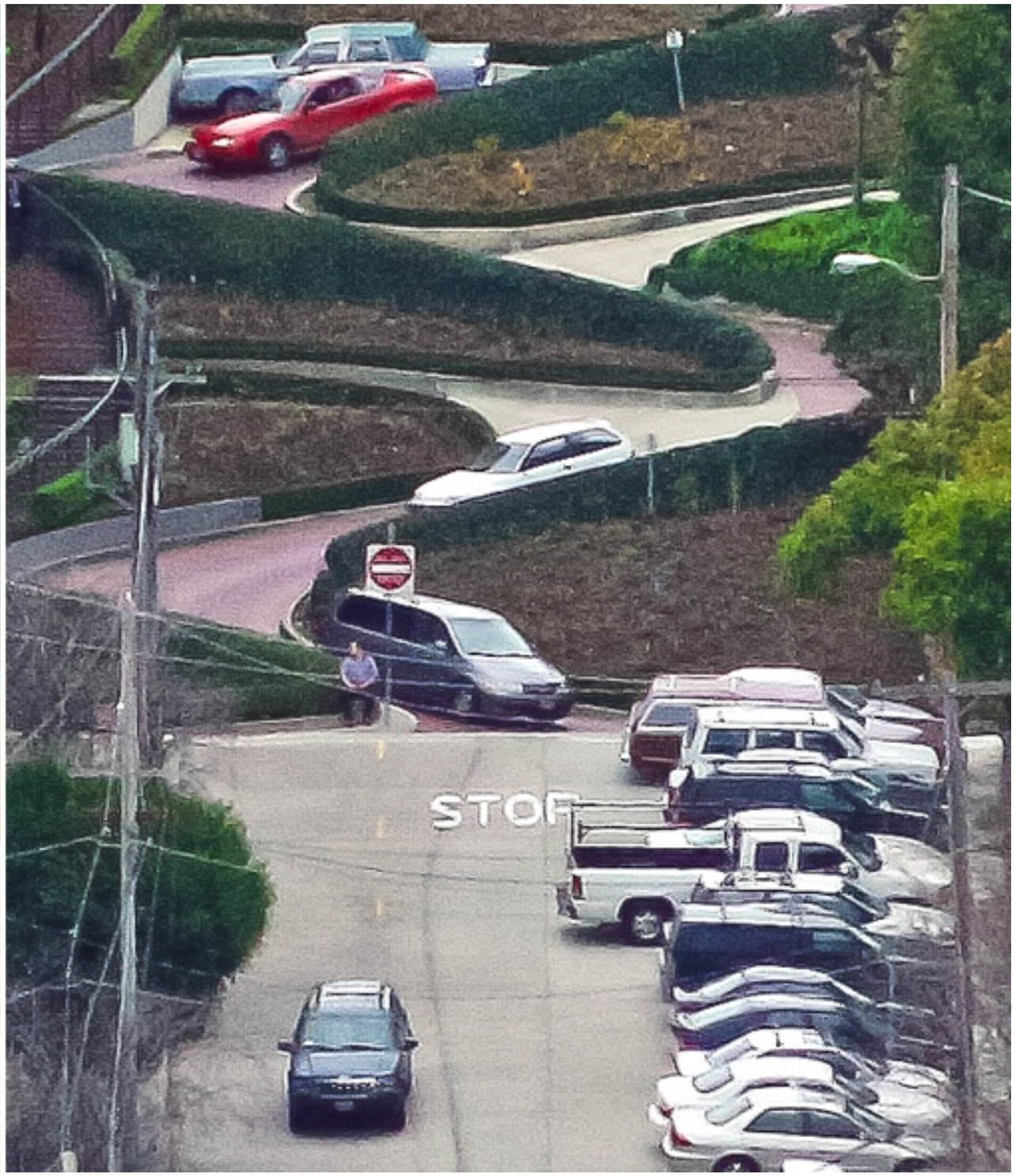
Painting from a Reference: Original Image





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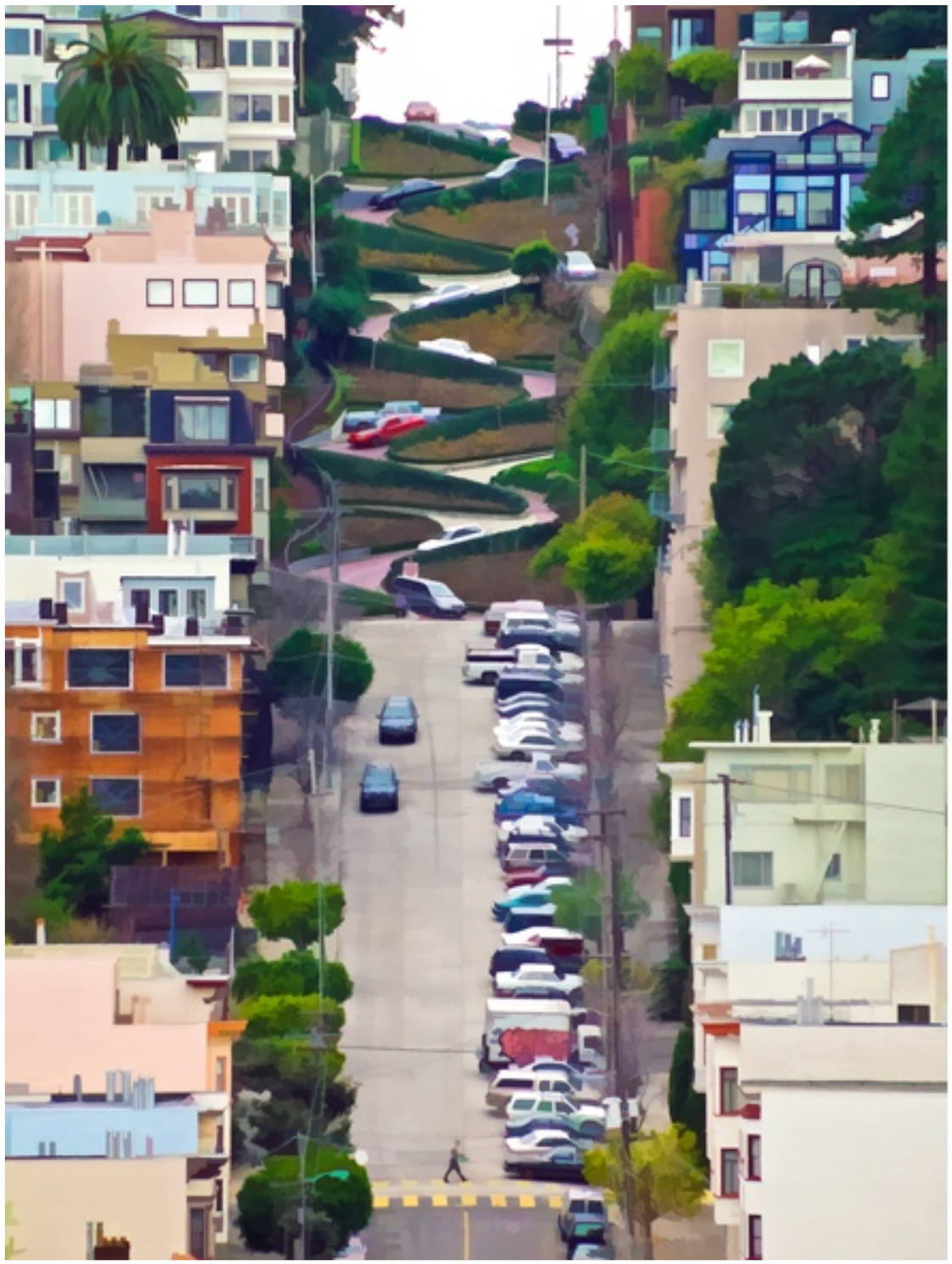
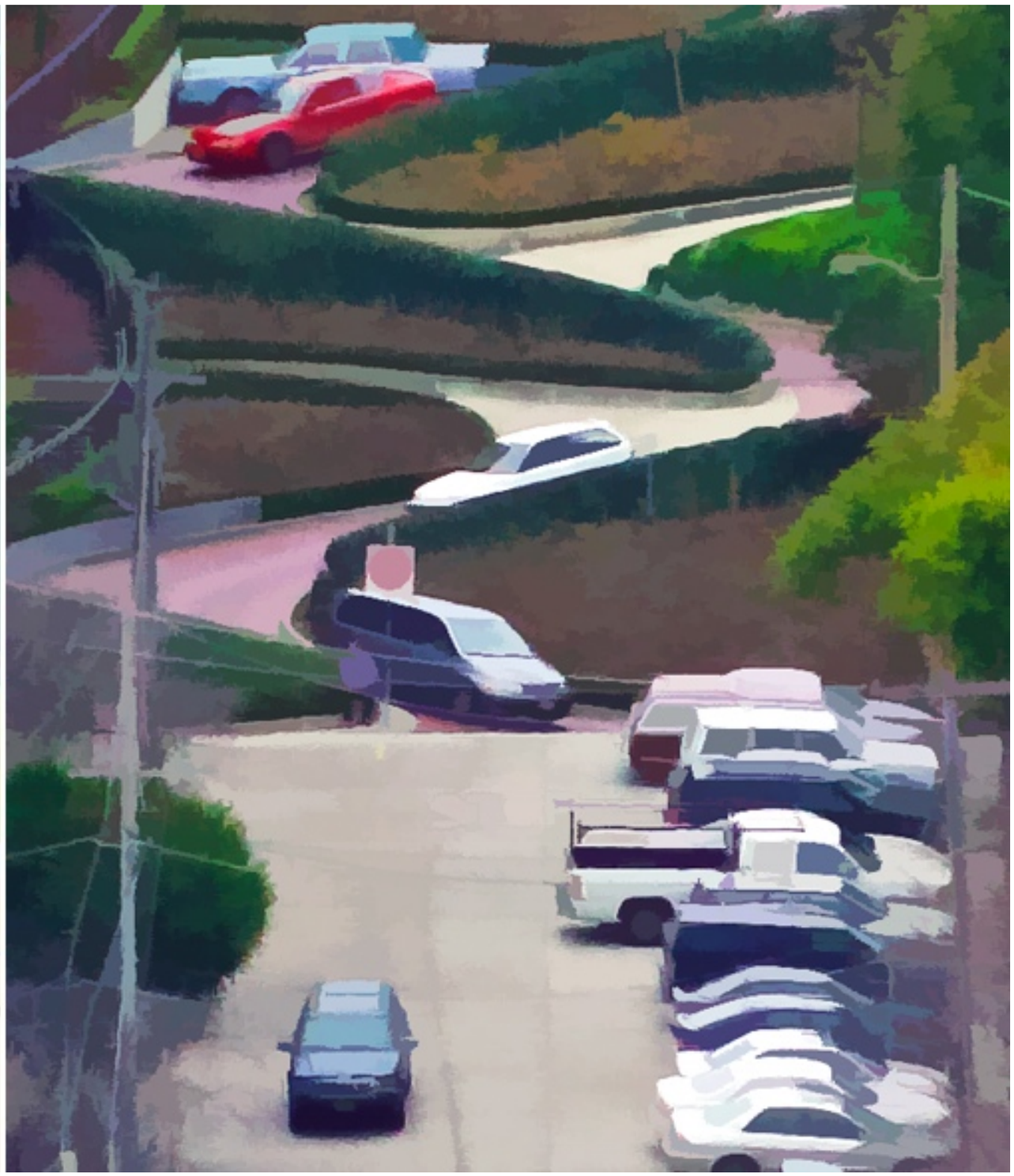
Painting from a Reference: Simplification





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Painting from a Reference: Underpainting

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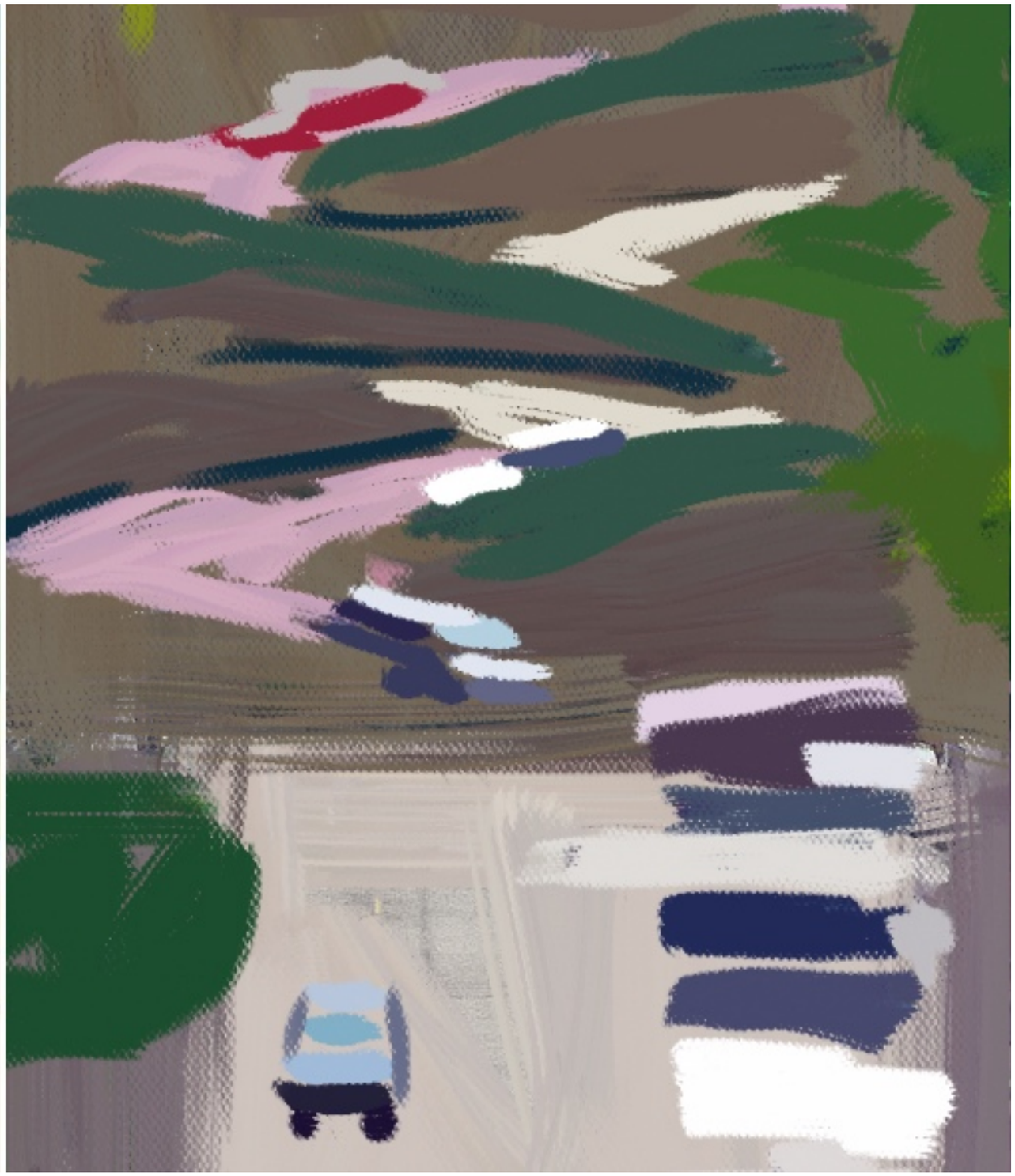
Painting from a Reference: Intermediate Strokes



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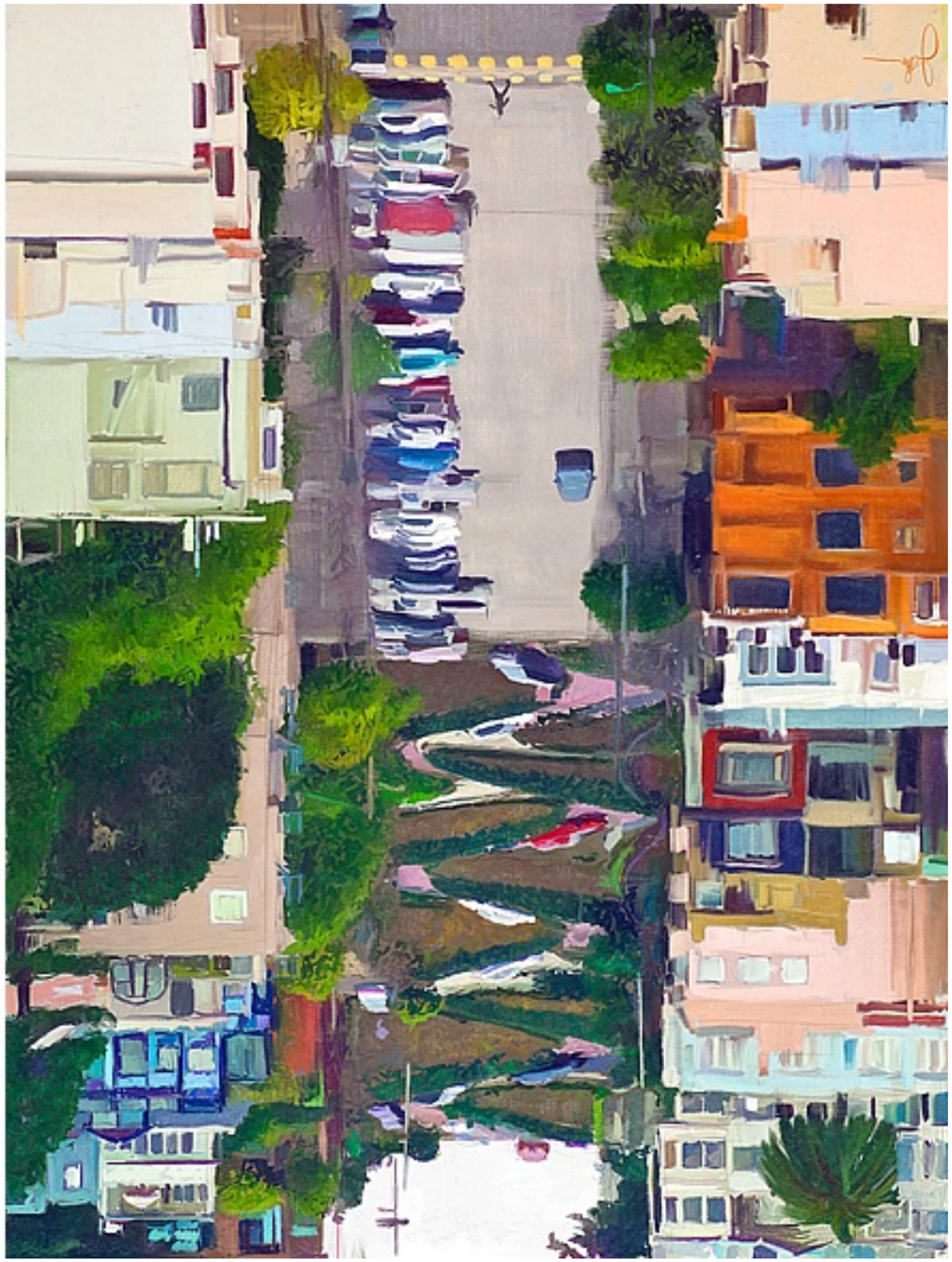
Painting from a Reference: Detail Strokes



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On with the Show...

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