



MAX

Painting in Photoshop with the Master Painter

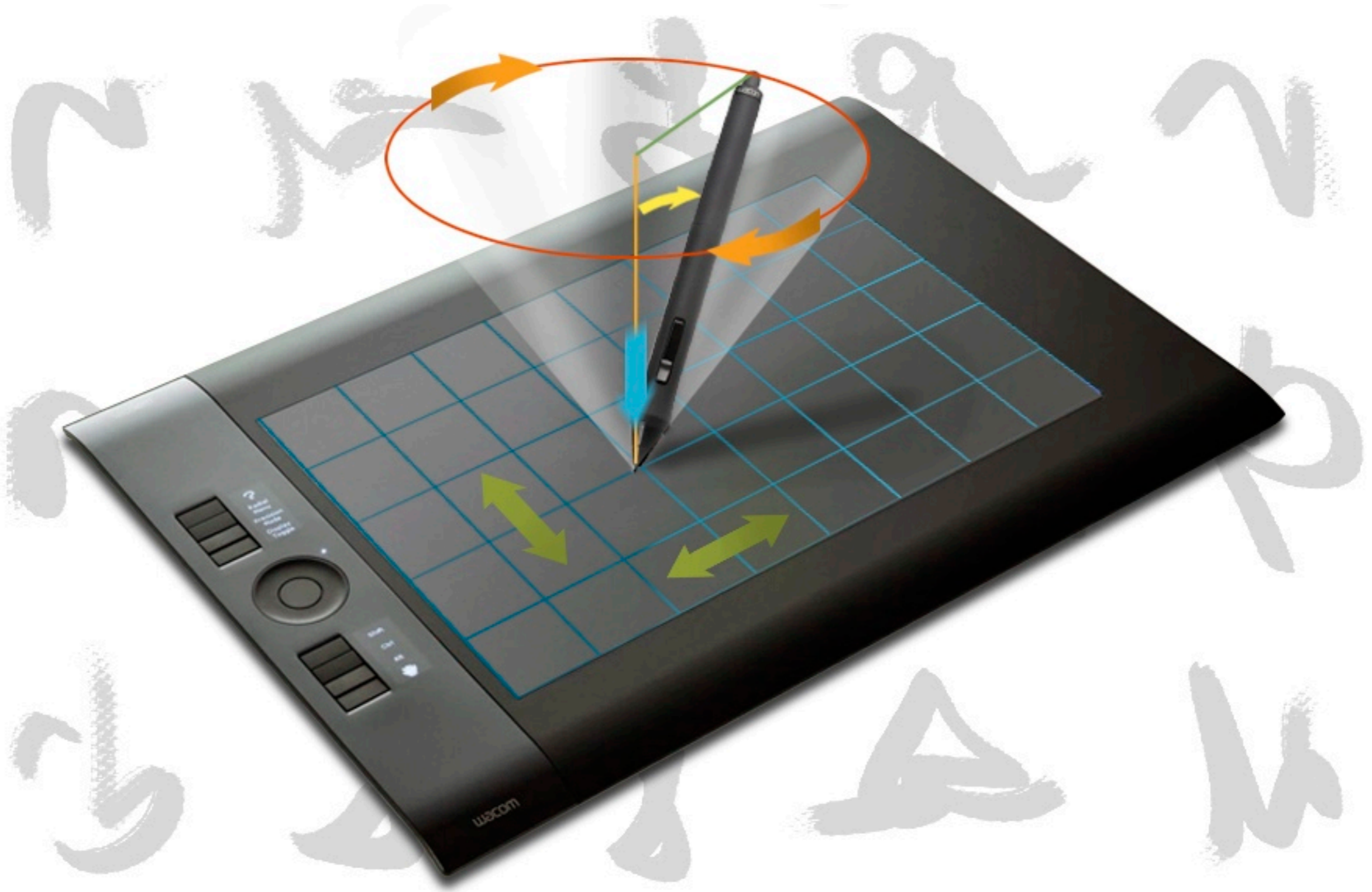
John Derry | Digital Painting Pioneer





- **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**

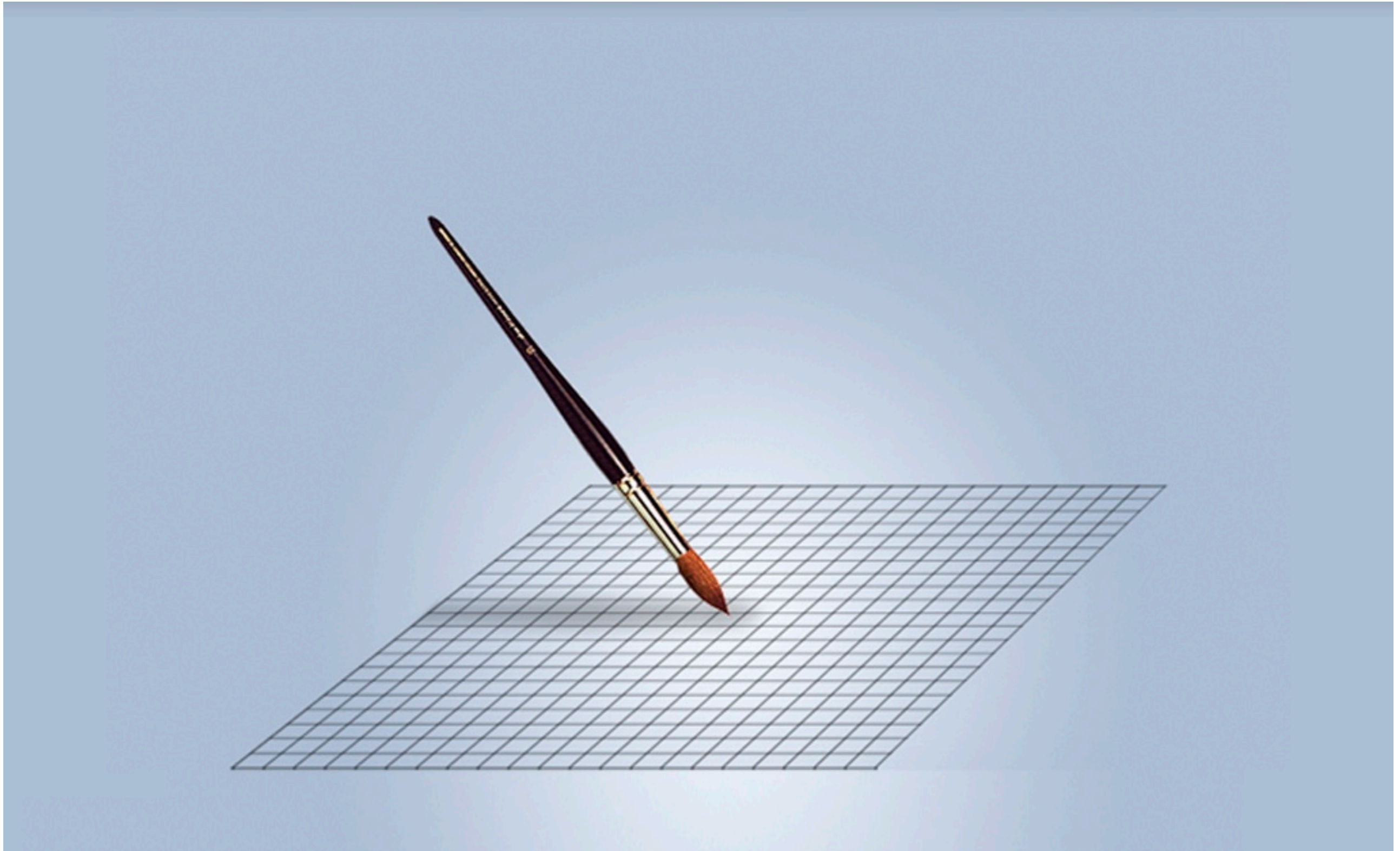
Capturing Expressive Gestures: Six Axes of Motion



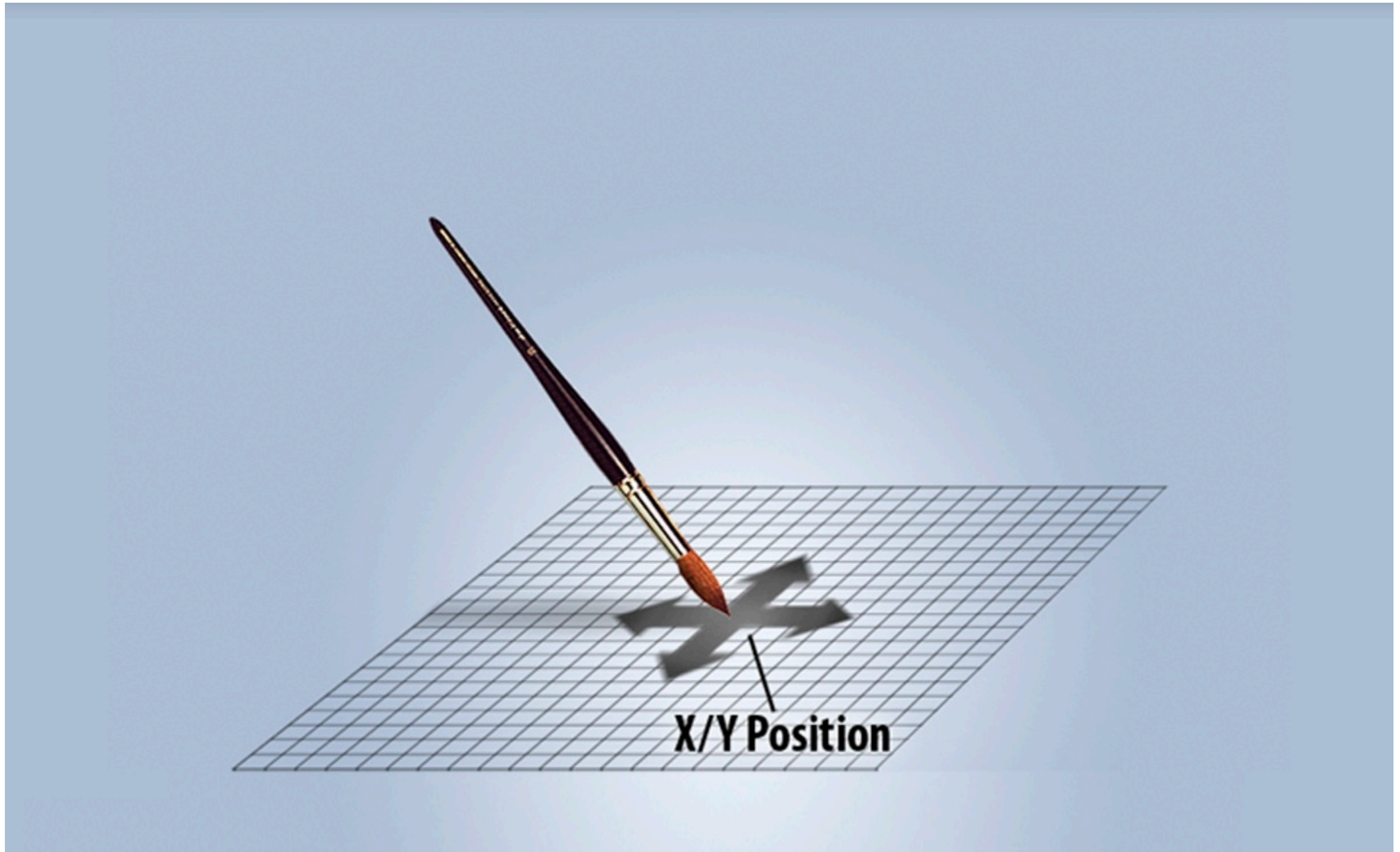
Capturing Expressive Gestures: Six Axes of Motion



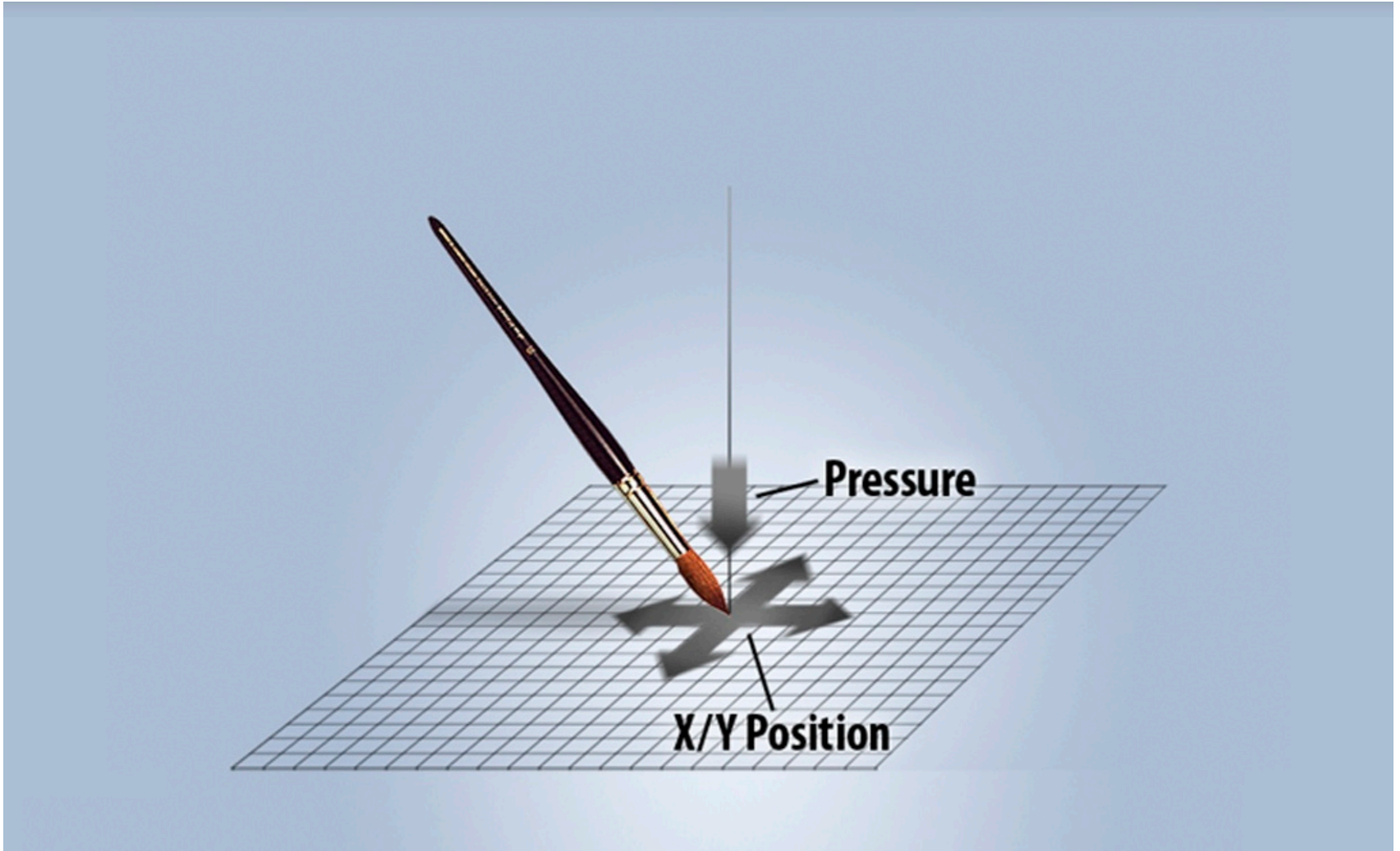
Capturing Expressive Gestures: Six Axes of Motion



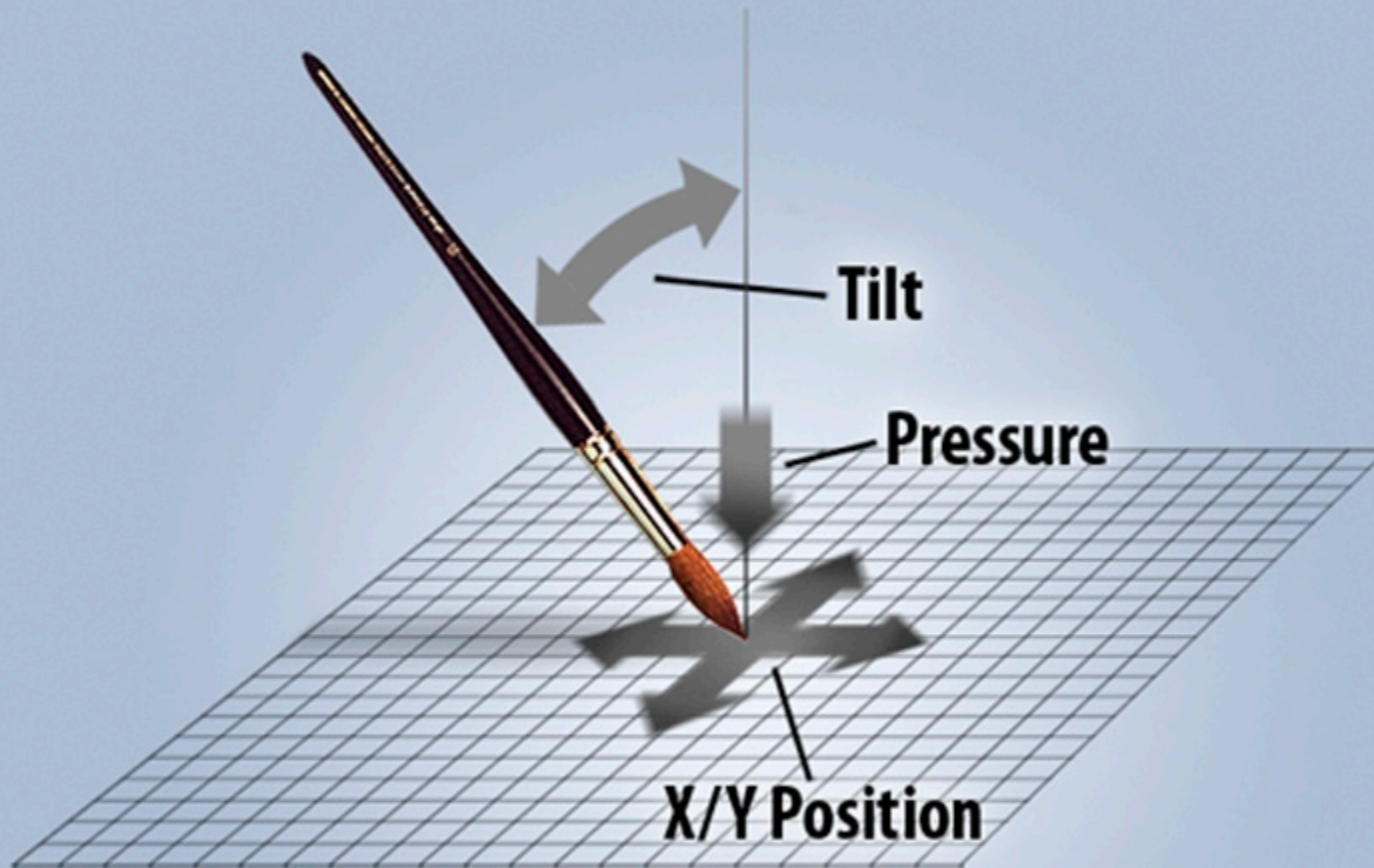
Capturing Expressive Gestures: Six Axes of Motion



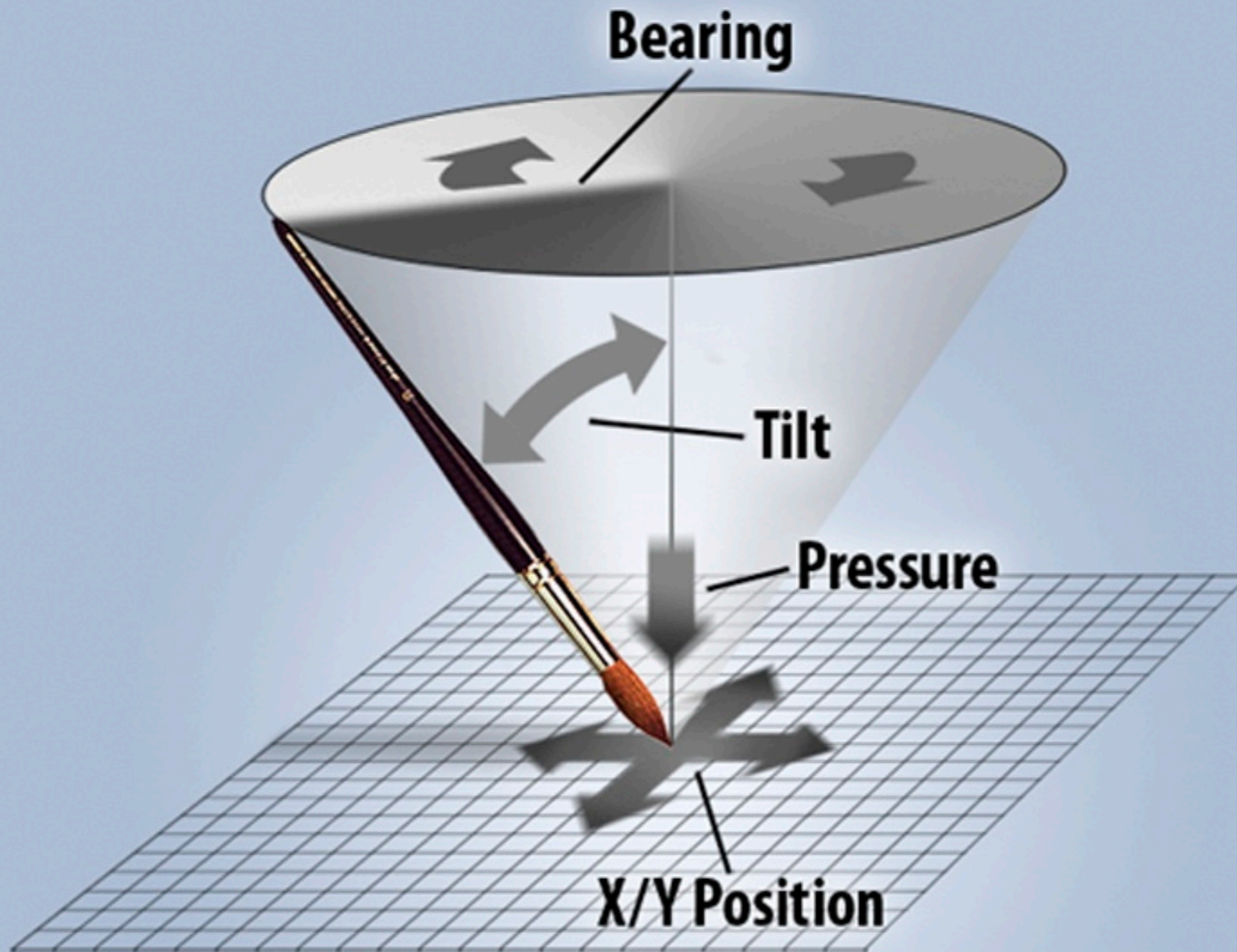
Capturing Expressive Gestures: Six Axes of Motion



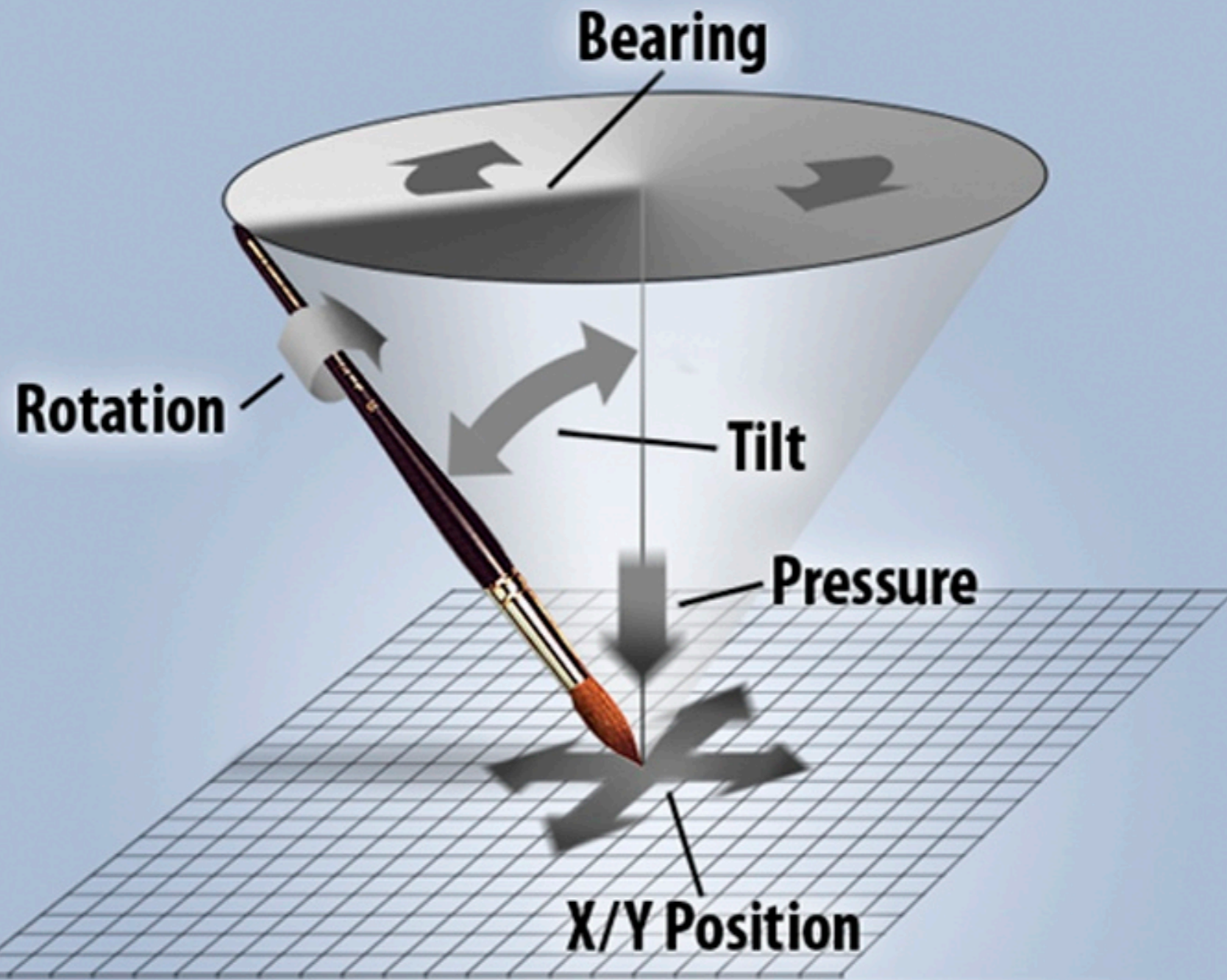
Capturing Expressive Gestures: Six Axes of Motion



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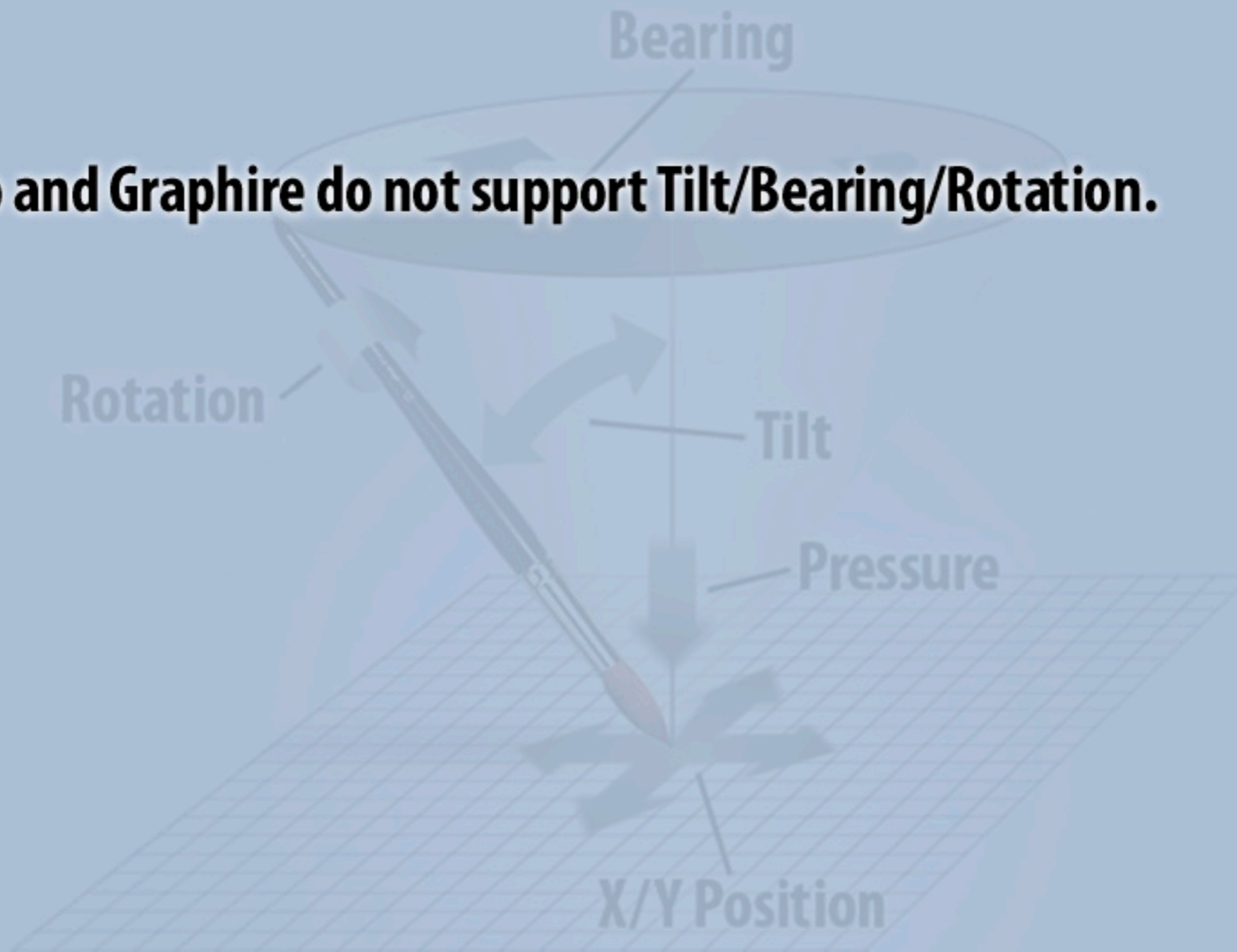


Capturing Expressive Gestures: Six Axes of Motion



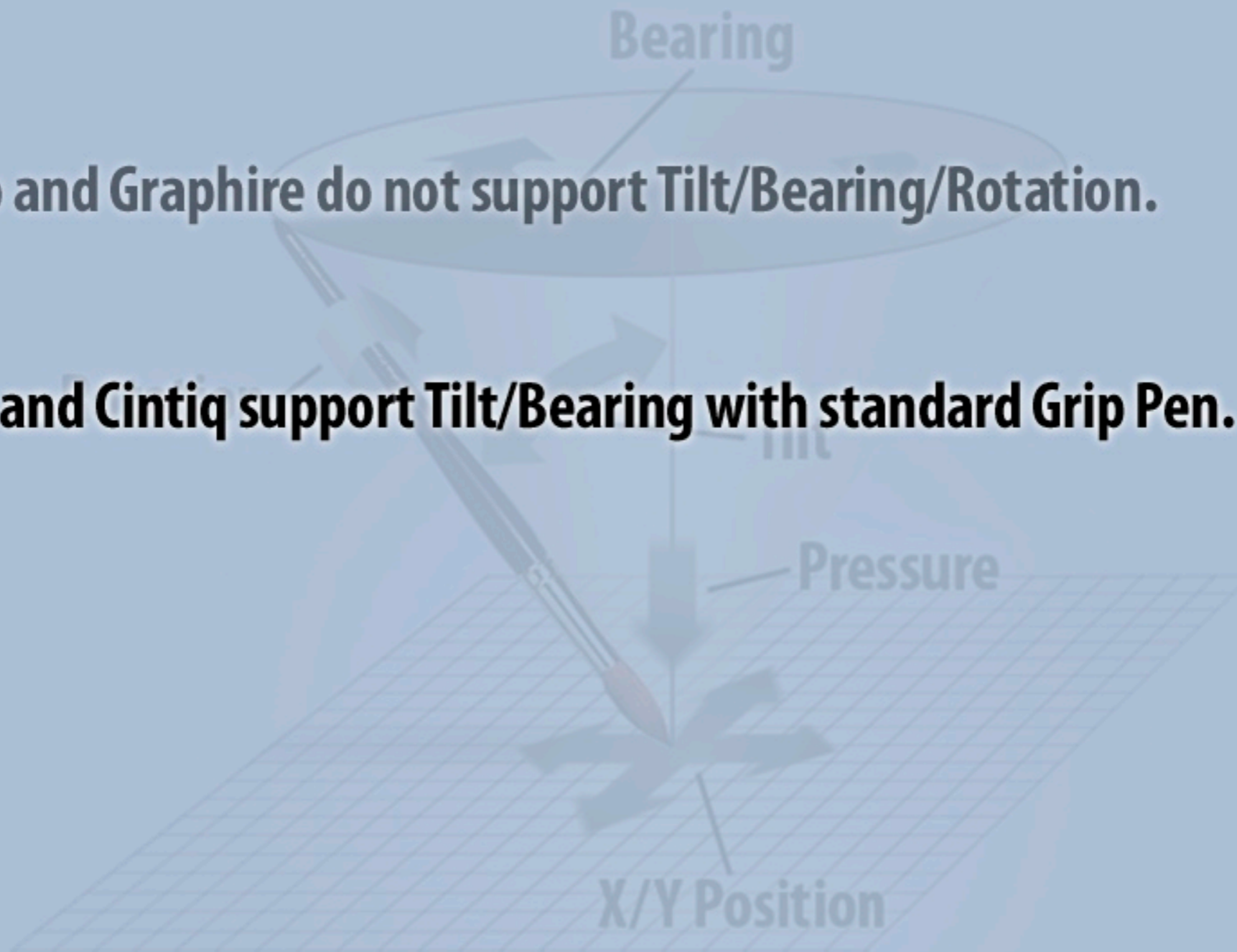


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- **Intuos4 and Cintiq support Tilt/Bearing with standard Grip Pen.**
- **Intuos4 and Cintiq support Tilt/Bearing/Rotation with optional 6D Art Pen.**

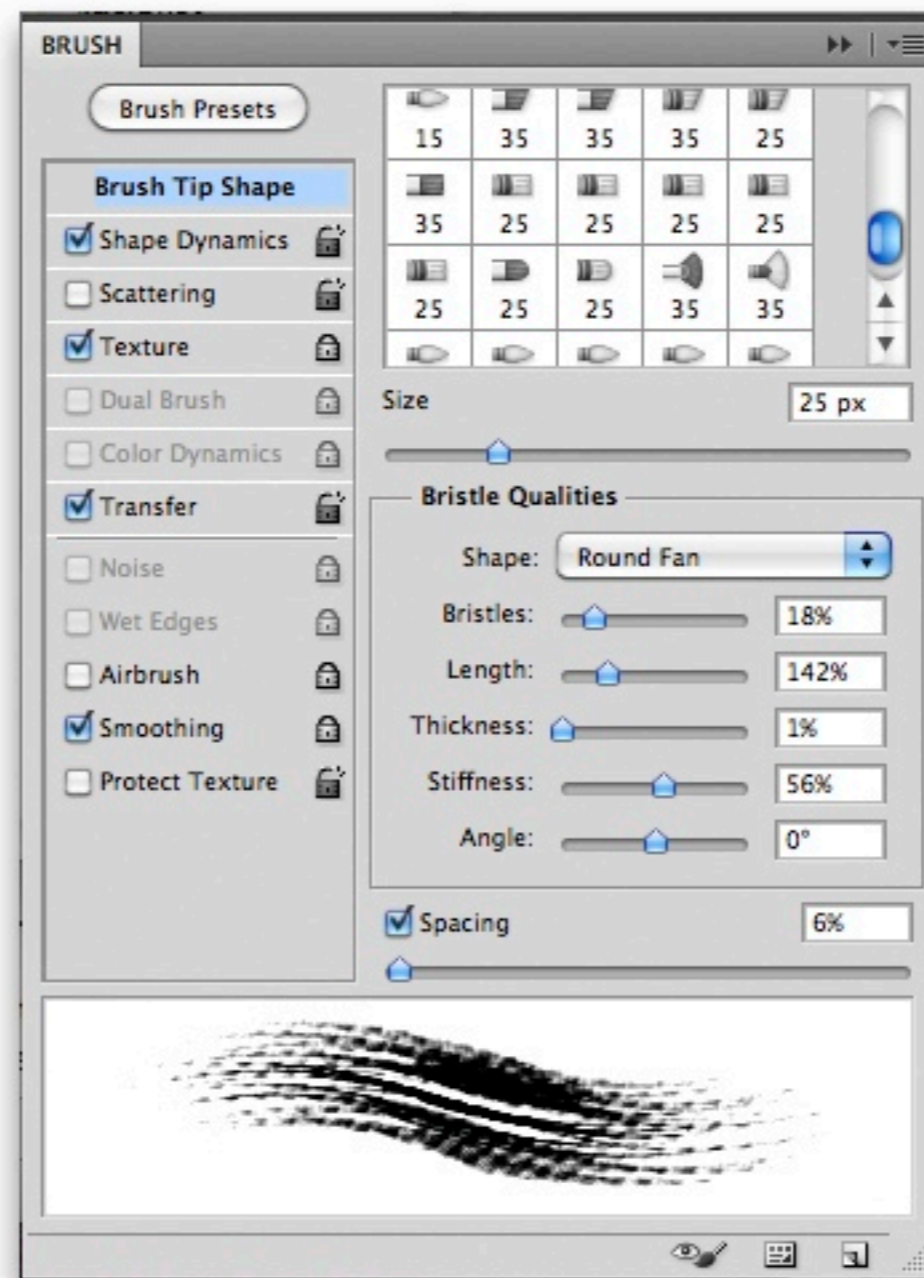


Bristle Tips: Modeling a Traditional Paintbrush



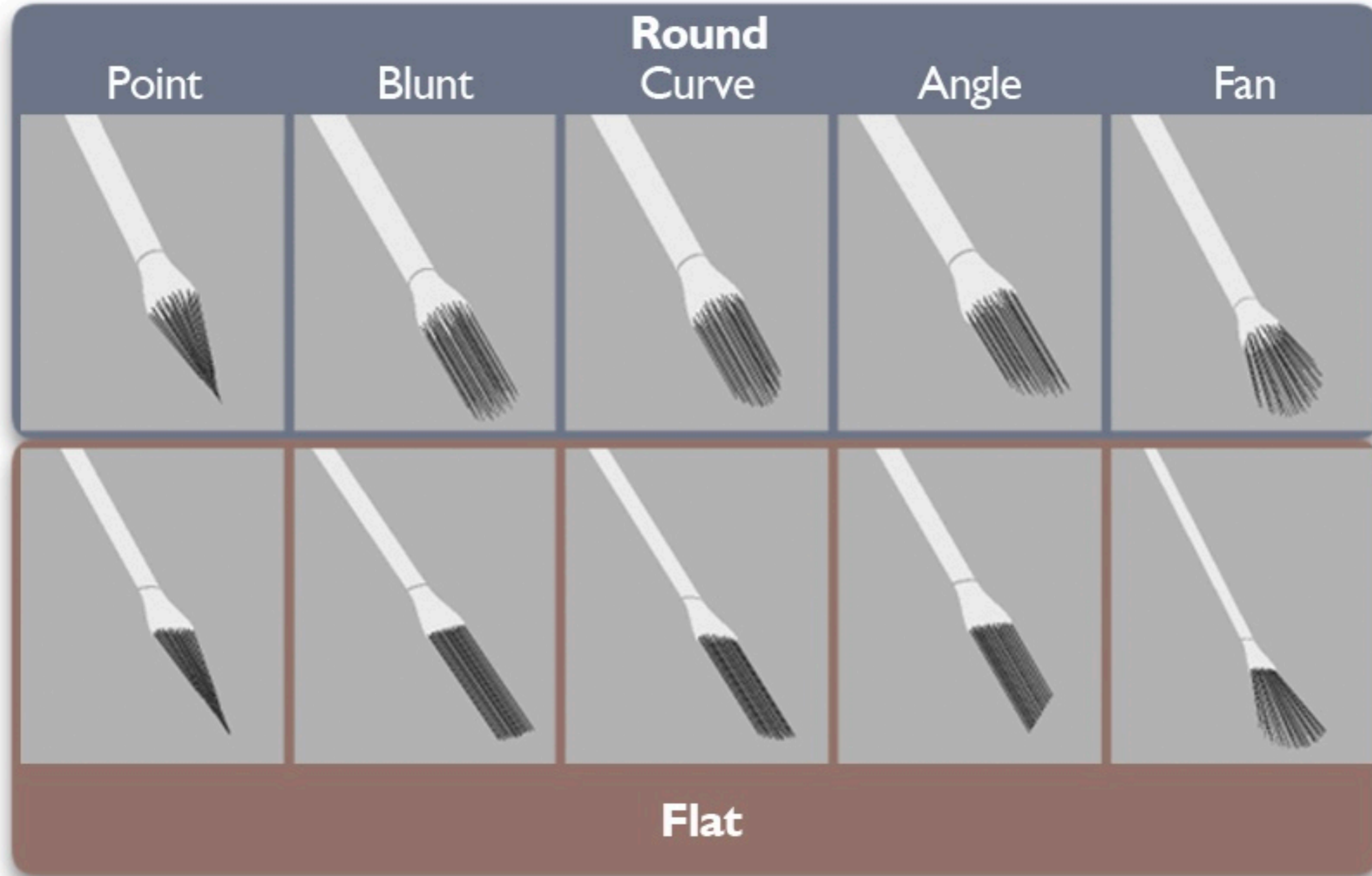


Brush Panel





Bristle Tip Profiles





Mixer Brush Option Bar

Don't Load/Clean Brush after each stroke

Load Brush after each stroke

Clean Brush after each stroke

Load & Clean Brush after each stroke

Auto-Load Brush **Auto-Clean Brush**

Wet: 2% **Load:** 50% **Mix:** 60% **Flow:** 100%

Airbrush Mode: enable continuous application of brush color

Sample All Layers: Select color using data from all the visible layers.

Pre-set Mixer Brush Behaviors

- ✓ Custom
- Dry
- Dry, Light Load
- Dry, Heavy Load
- Moist
- Moist, Light Mix
- Moist, Heavy Mix
- Wet
- Wet, Light Mix
- Wet, Heavy Mix
- Very Wet
- Very Wet, Light Mix
- Very Wet, Heavy Mix

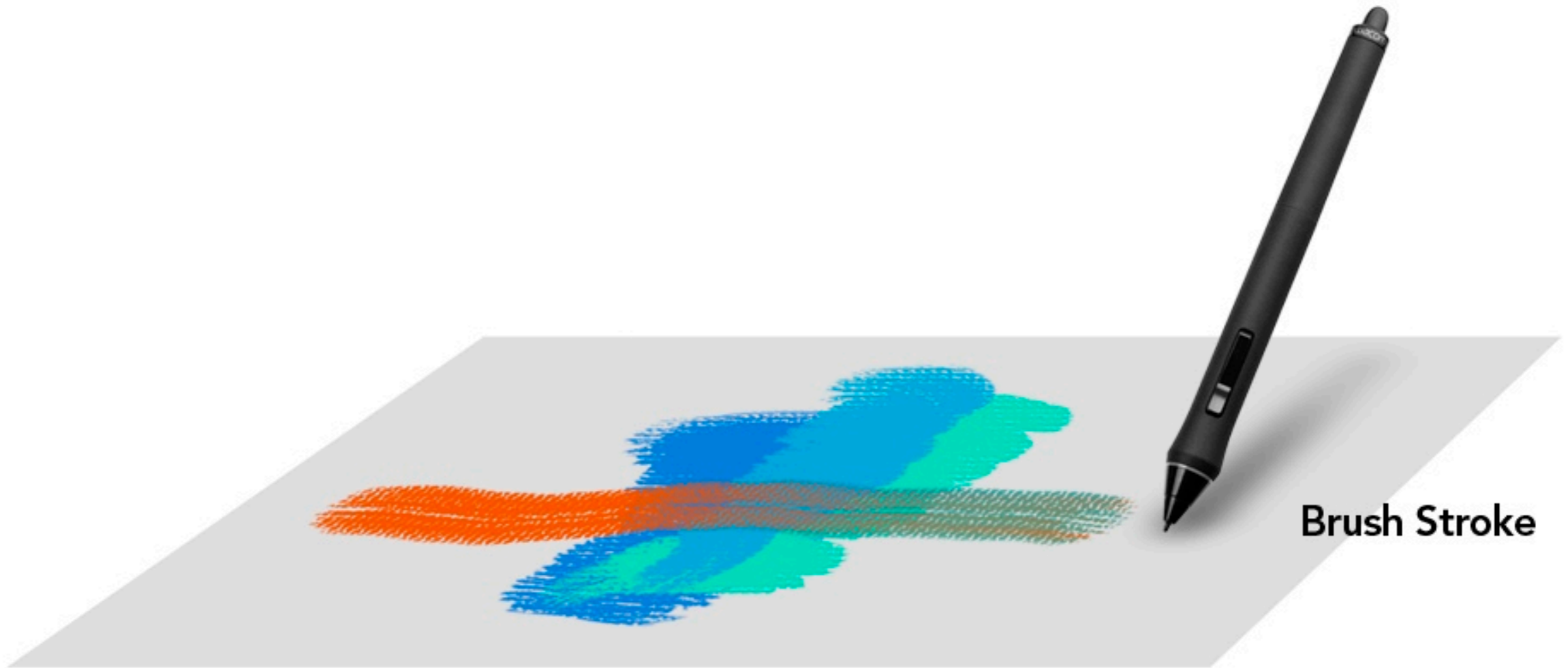
Mixer Brush Keyboard Shortcuts

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

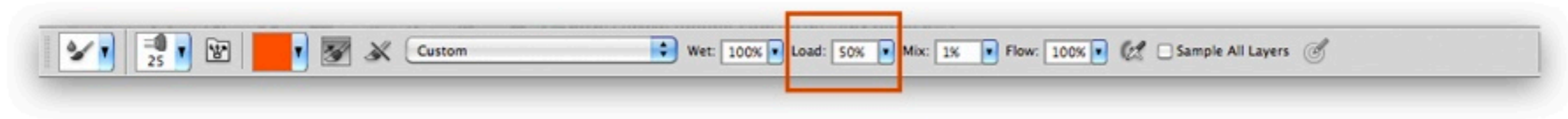
Mixer Brush numeric Shortcuts
Wet = number
Mix = Option + Shift + number
Flow = Shift + number

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**

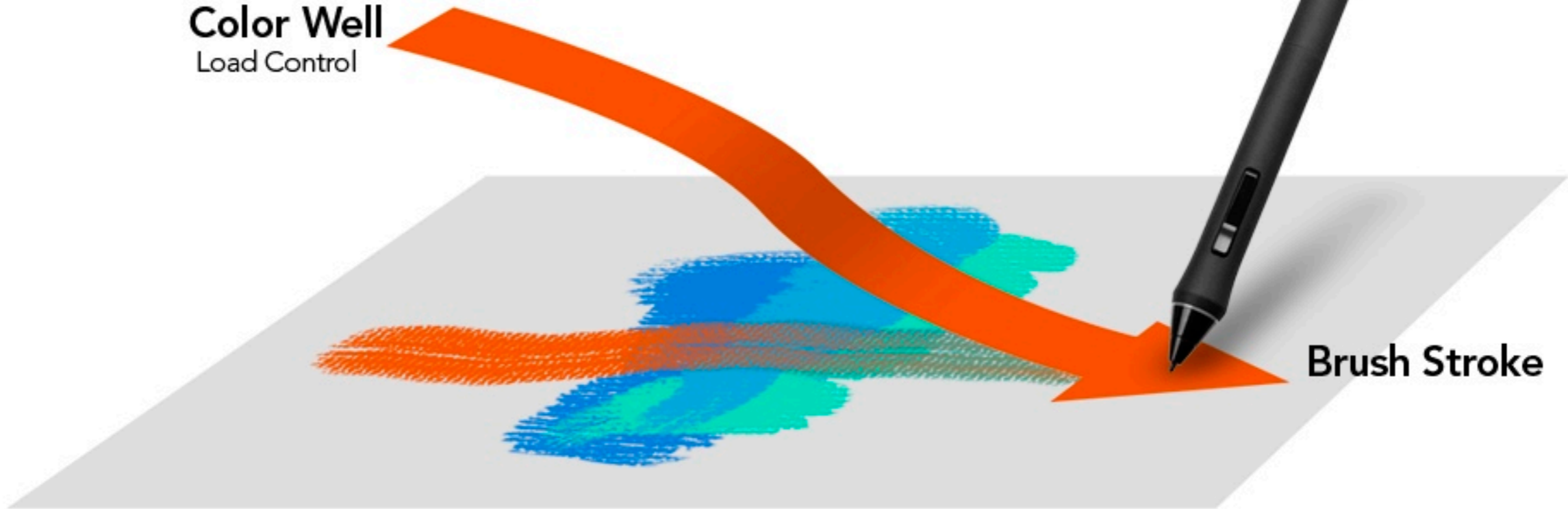
The Mixer Brush: Paint Made from Pixels



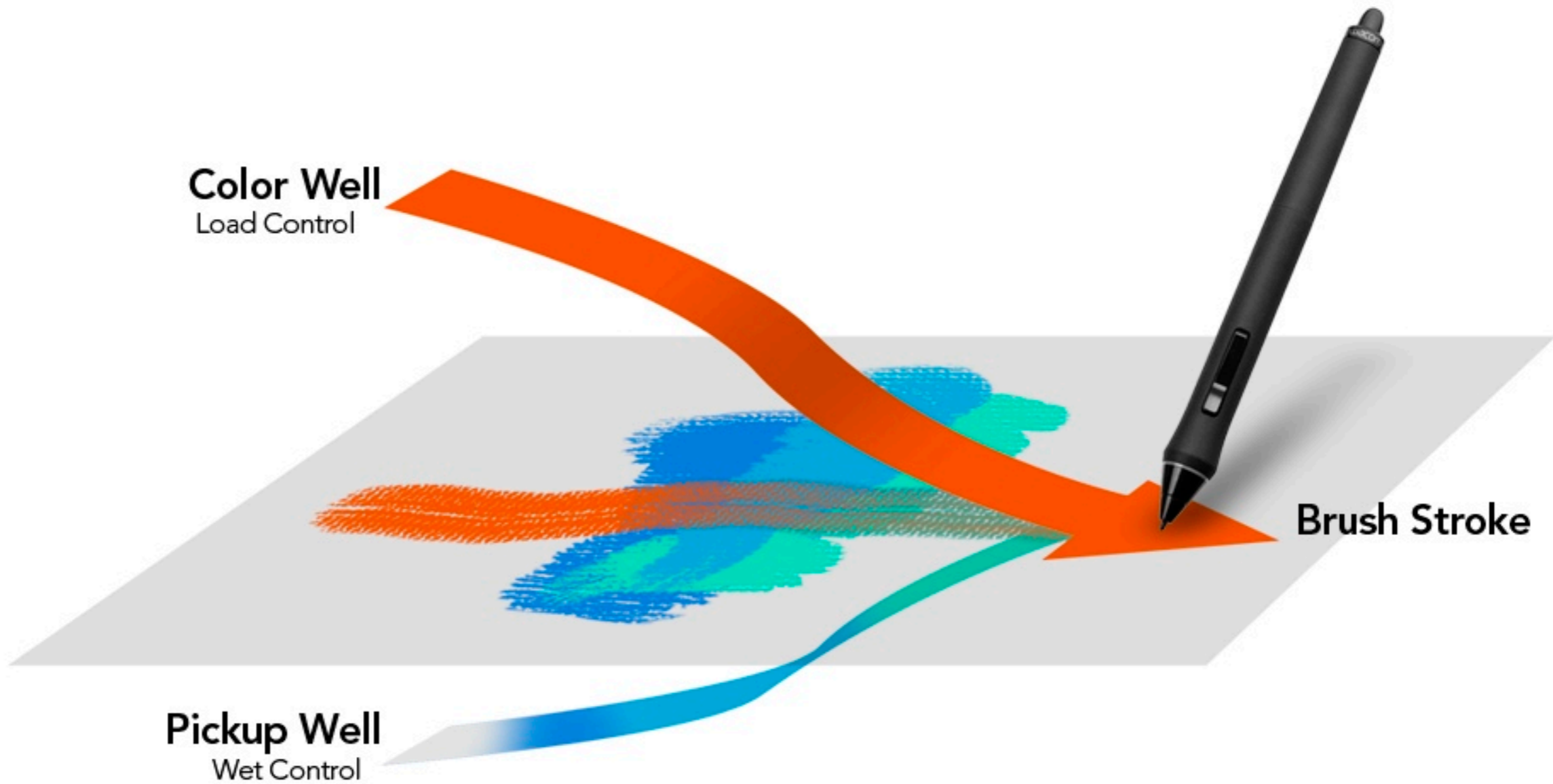
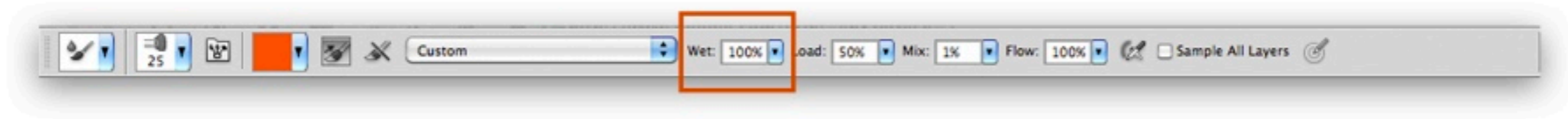
The Mixer Brush: Paint Made from Pixels



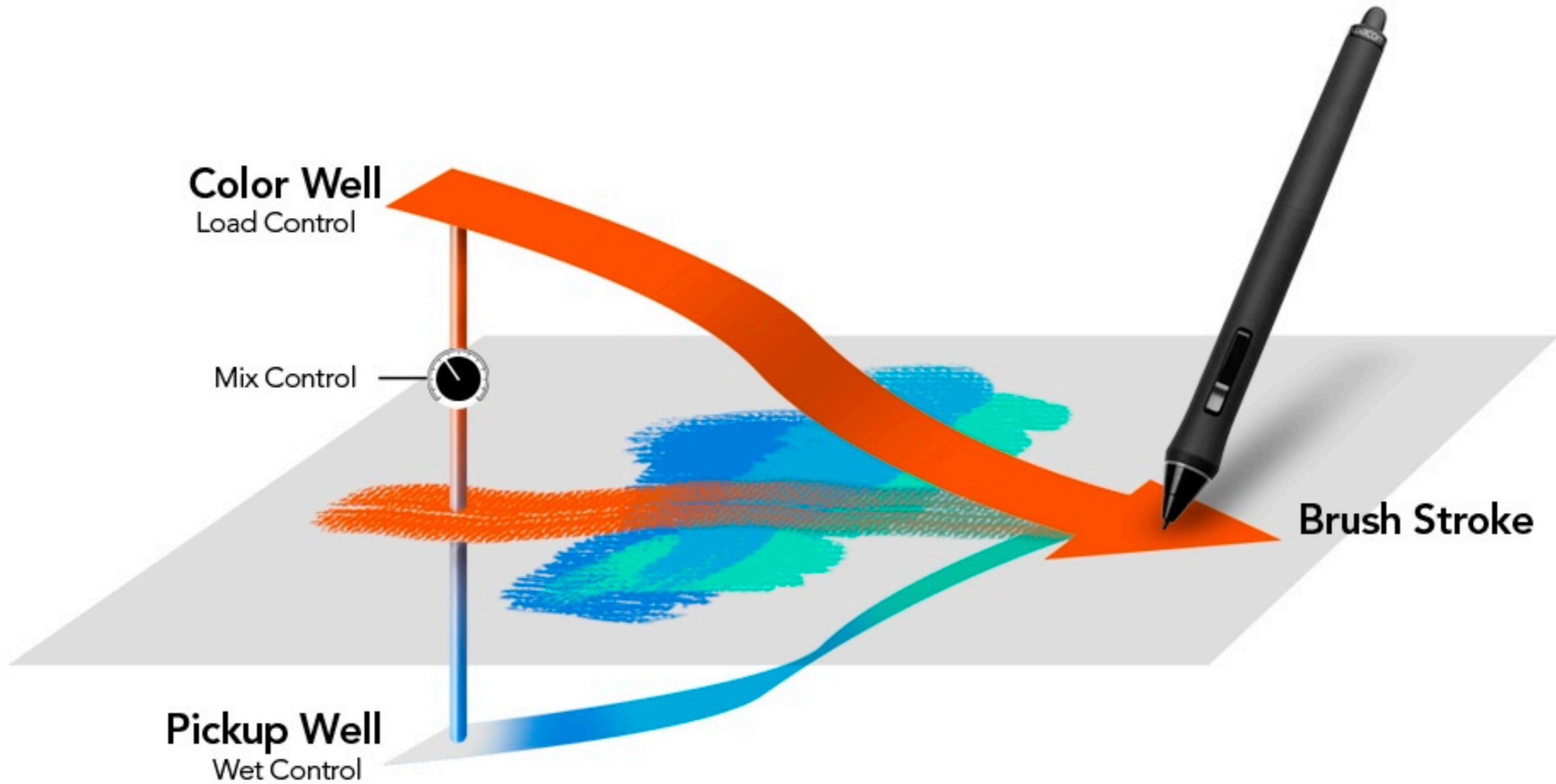
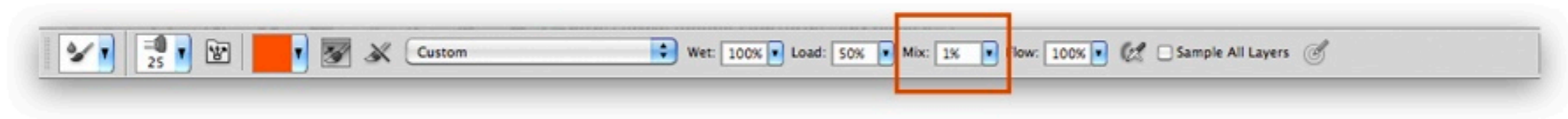
Color Well
Load Control



The Mixer Brush: Paint Made from Pixels



The Mixer Brush: Paint Made from Pixels

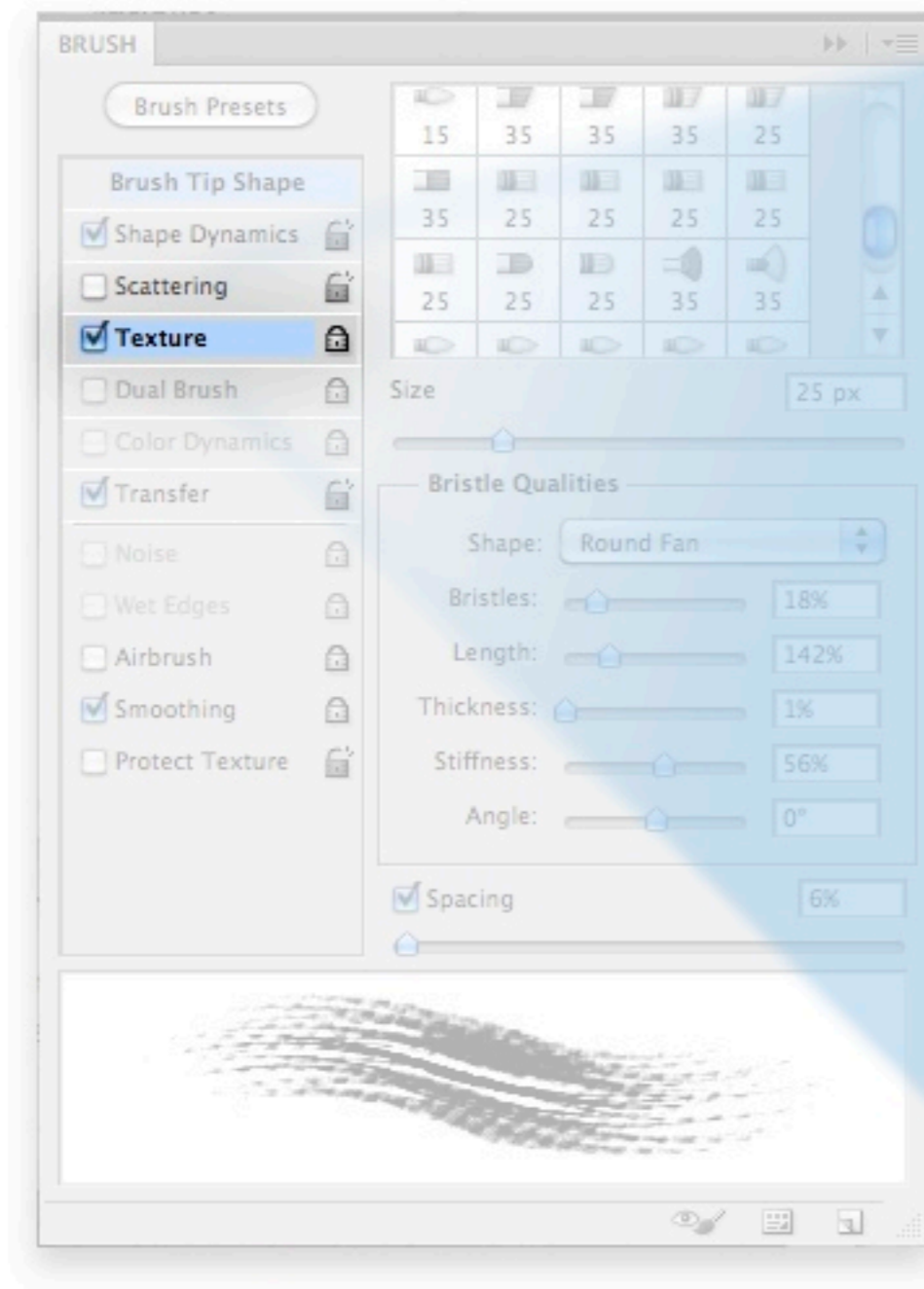


Texture: That Analog Glow

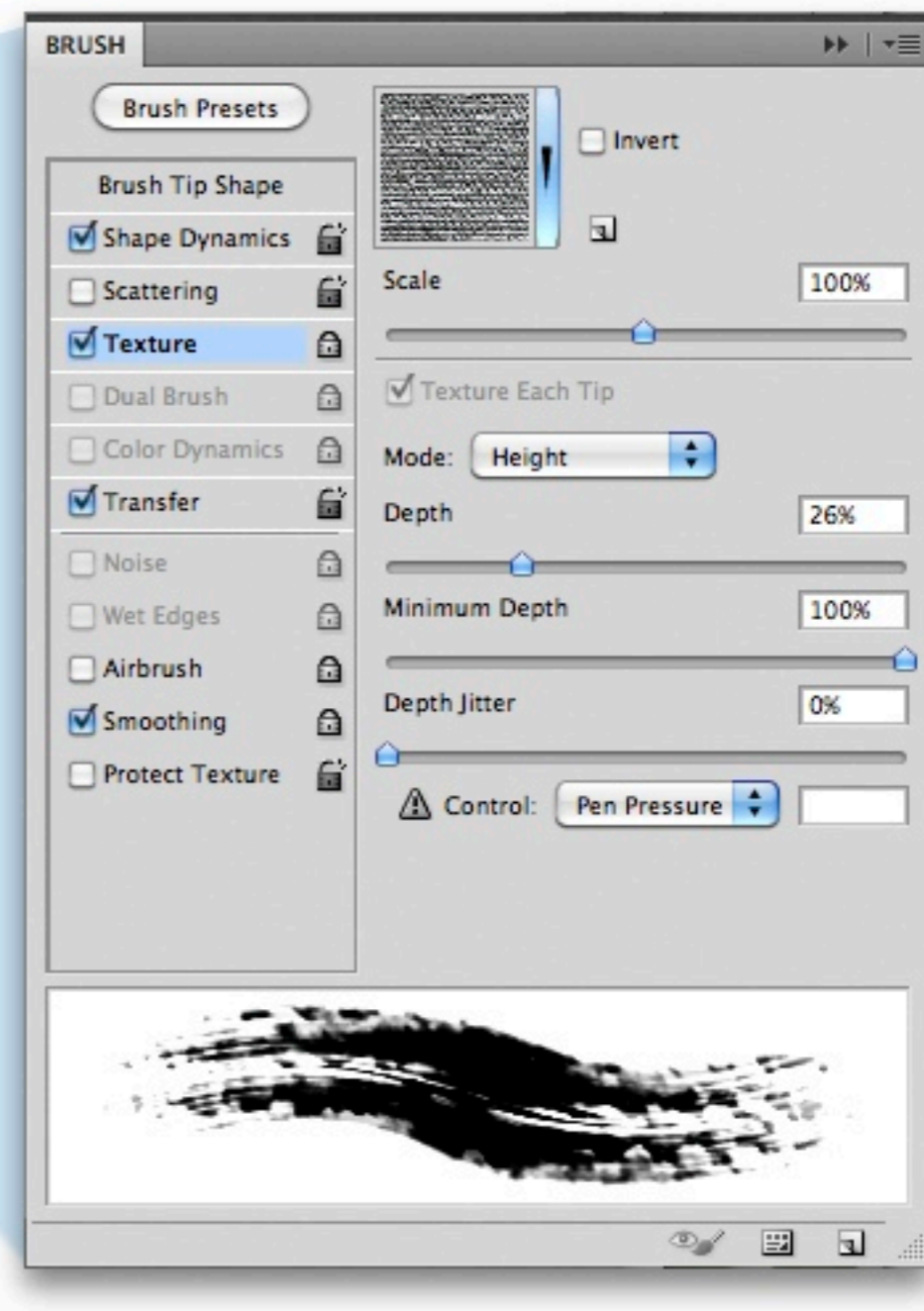




Brush Panel



Texture sub-Panel



Texture: That Analog Glow



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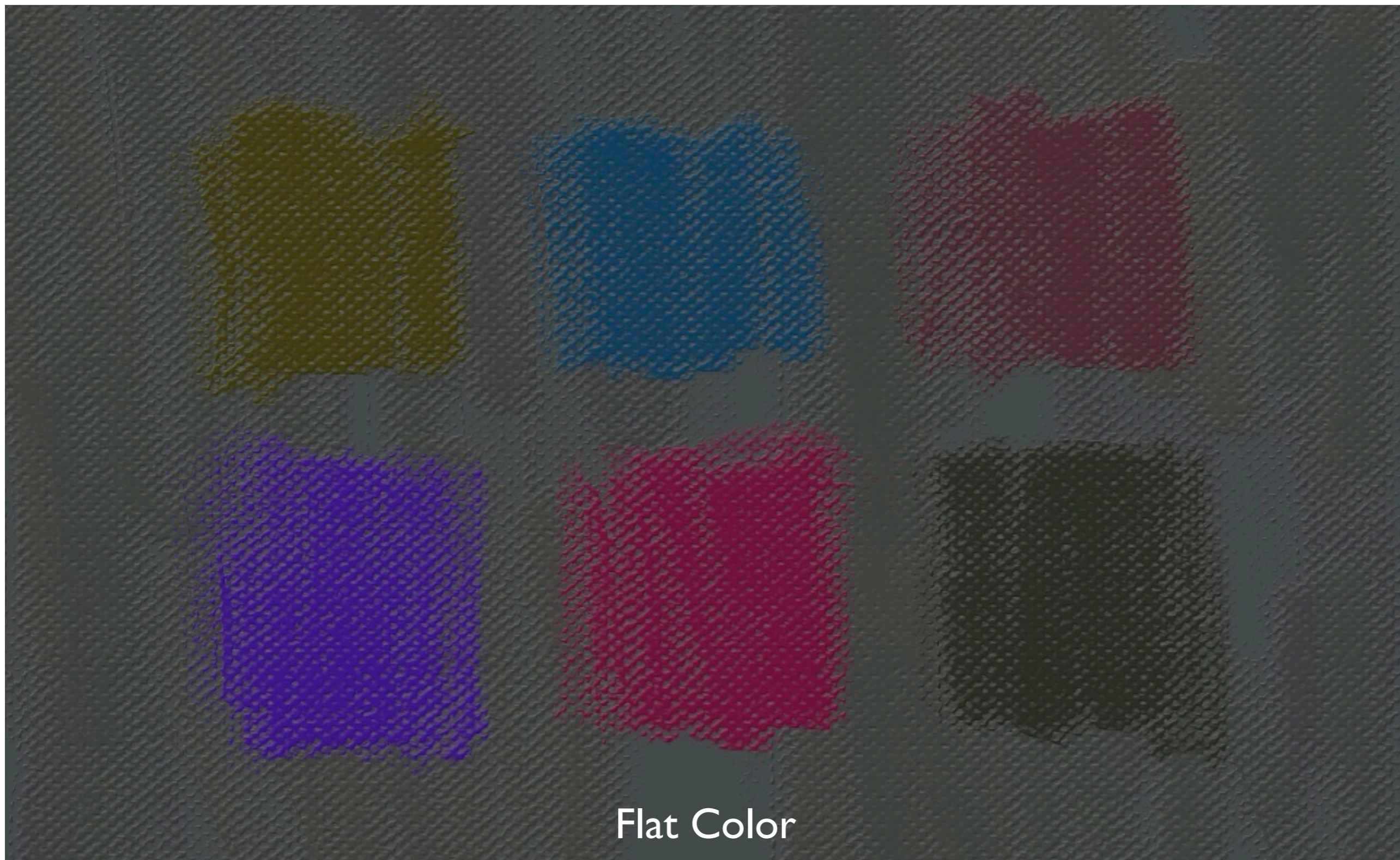


Texture: That Analog Glow

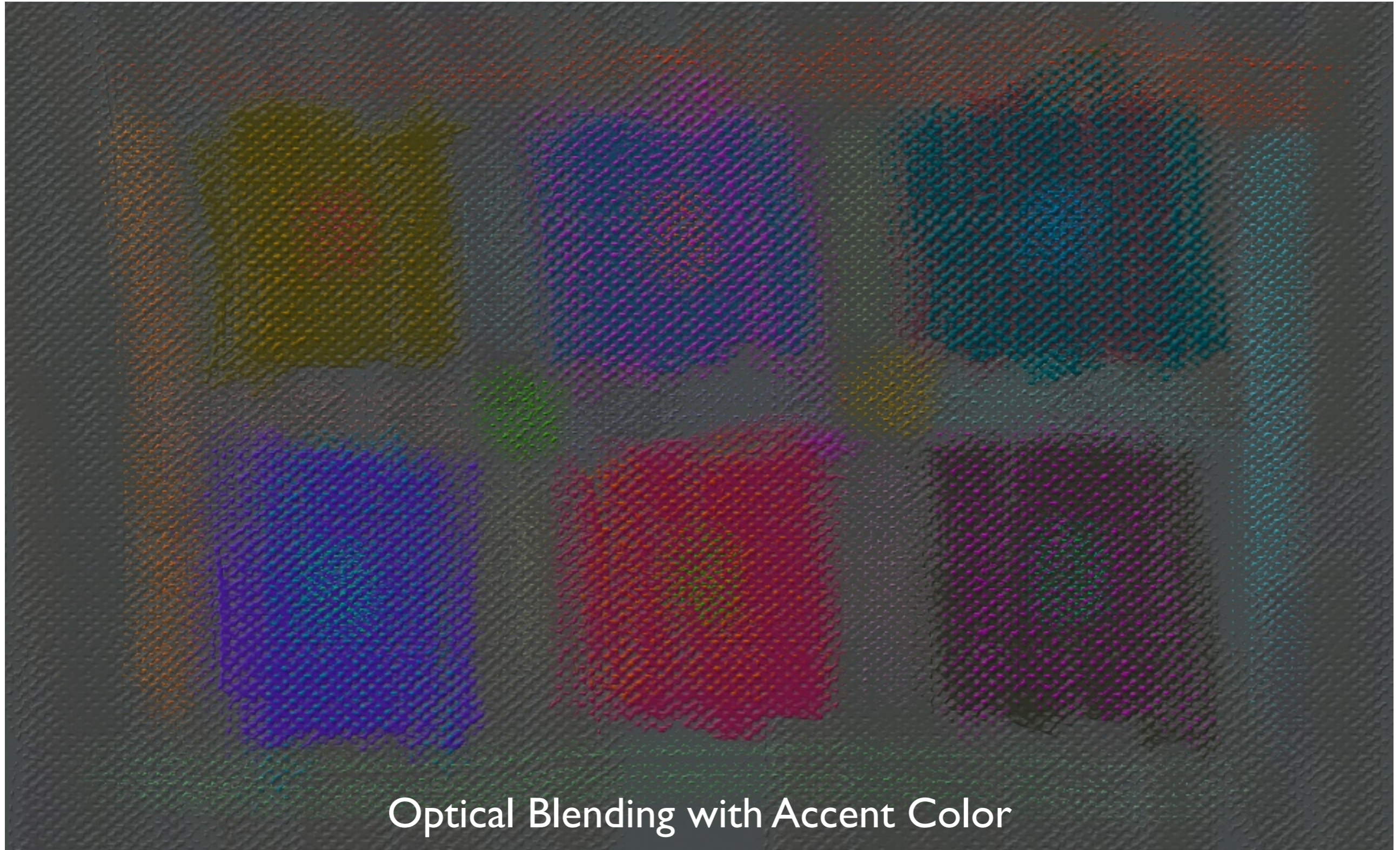


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Texture: That Analog Glow



Flat Color



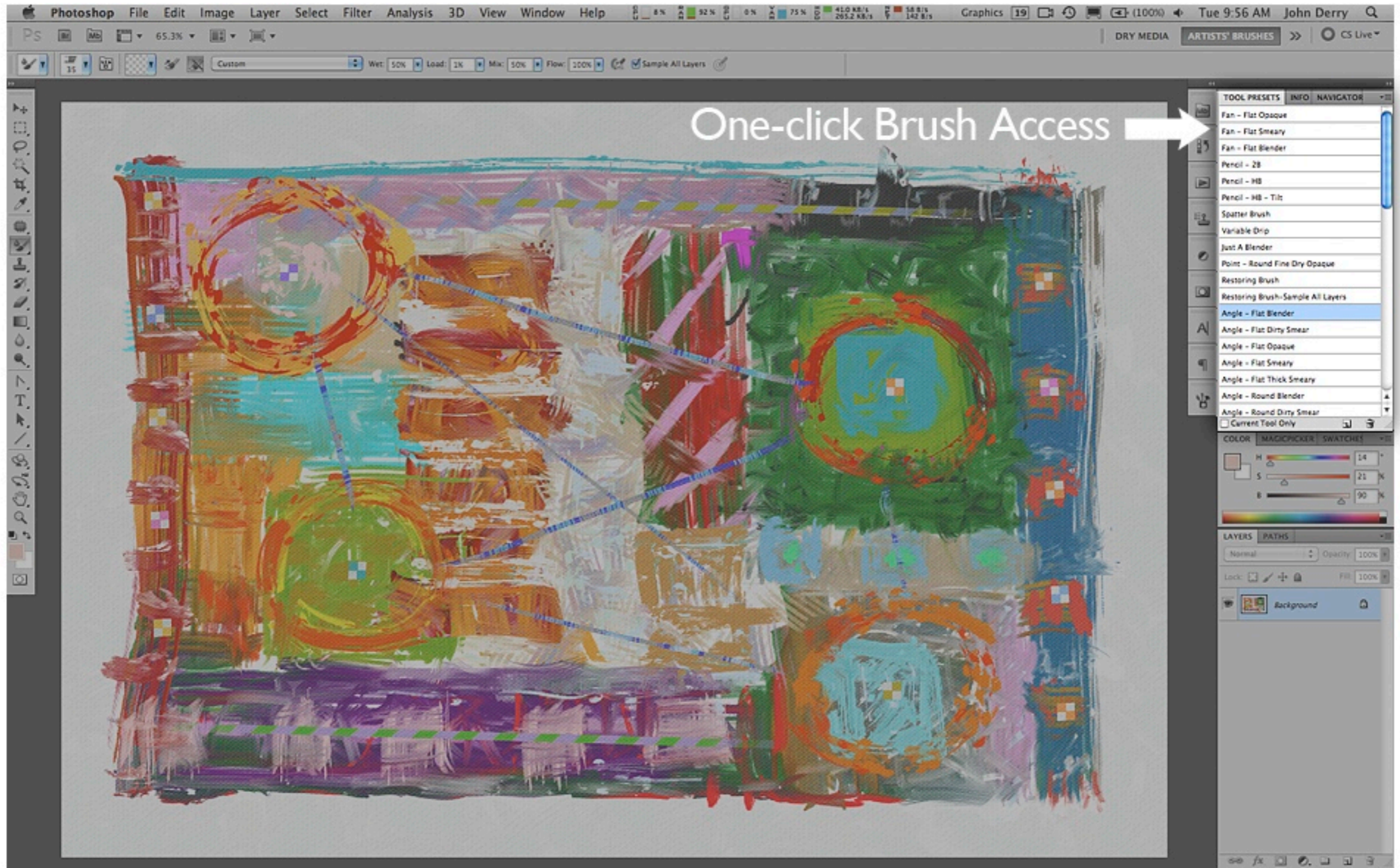
Optical Blending with Accent Color



Brush Selection should be



Tool Presets: Choose & Use



Tool Presets: Brush vs. Tool

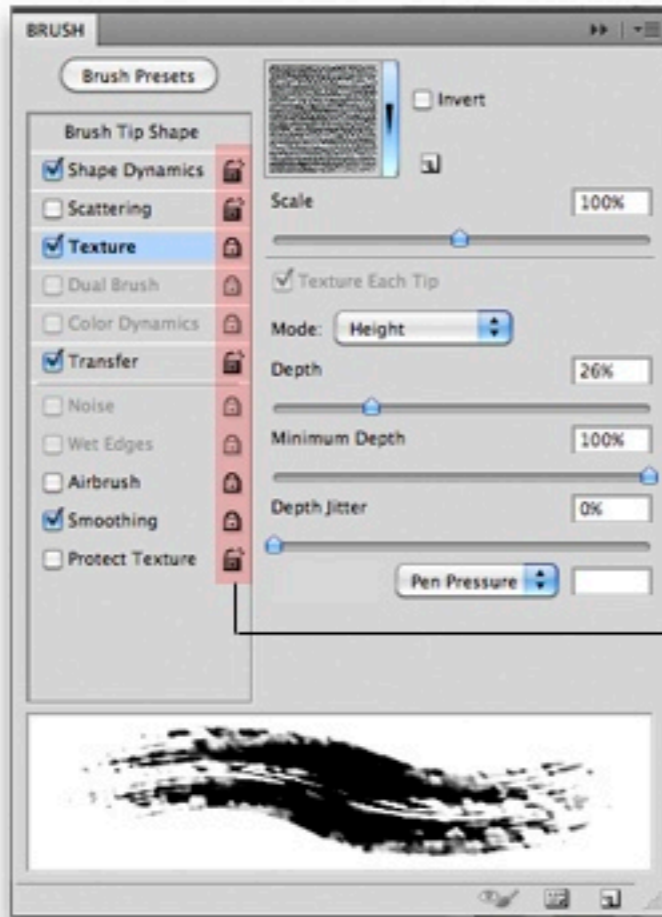


Brush Preset

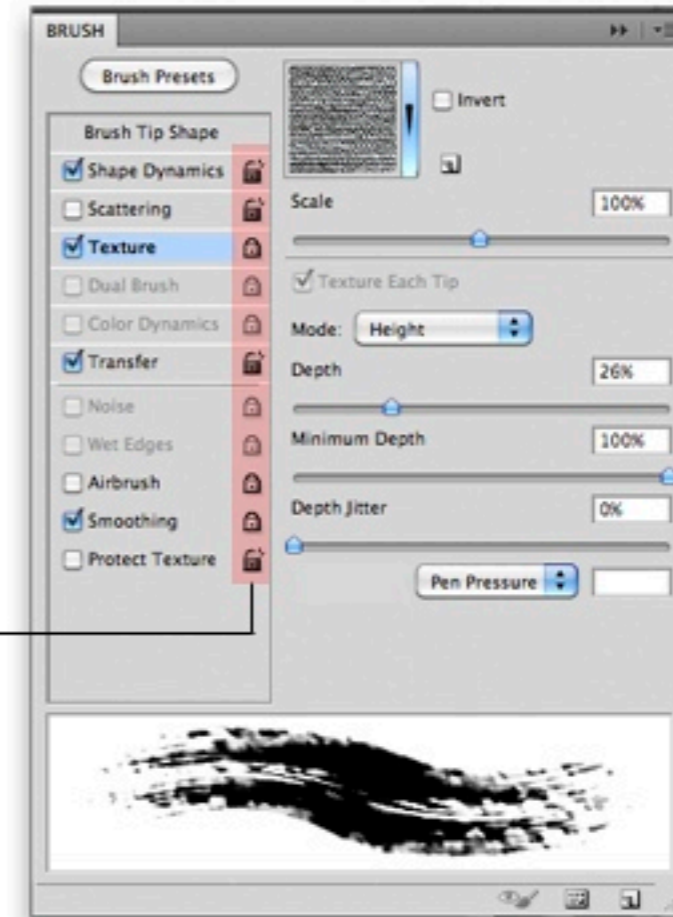
vs.

Tool Preset

Brush Panel Settings



Brush Panel Settings

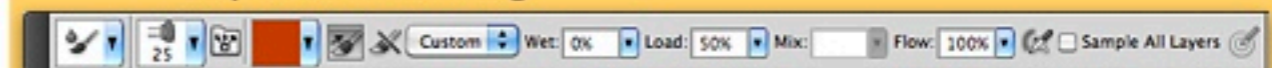


Saved Settings

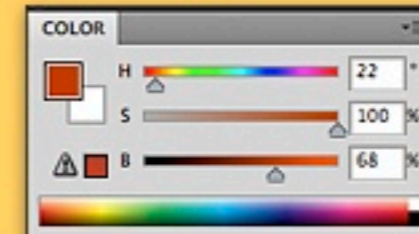
Lock Options not saved.

Brush Presets do not save crucial Mixer Brush settings!

Option Bar Settings



Current Color



Tool Presets: Choose & Use



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

TOOL PRESETS

- Fan - Flat Opaque
- Fan - Flat Smeary
- Fan - Flat Blender
- Pencil - 2B
- Pencil - HB
- Pencil - HB - Tilt**
- Just A Blender
- Point - Round Fine Dry Opaque
- Restoring Brush
- Restoring Brush-Sample All Layers
- Angle - Flat Blender
- Angle - Flat Dirty Smear
- Angle - Flat Opaque
- Angle - Flat Smeary
- Angle - Flat Thick Smeary
- Angle - Round Blender
- Angle - Round Dirty Smear
- Angle - Round Opaque
- Angle - Round Smeary

Current Tool Only

New Tool Preset...
Rename Tool Preset...
Delete Tool Preset

Sort By Tool
✓ Show All Tool Presets
Show Current Tool Presets

✓ Text Only
Small List
Large List

Reset Tool
Reset All Tools

Preset Manager...

Reset Tool Presets...
Load Tool Presets...
Save Tool Presets...
Replace Tool Presets...

Art History
Brushes
Crop and Marquee
John's Artists Brushes ⌘⇧⌘A
John's Dry Media ⌘⇧⌘D

Close
Close Tab Group
Show All Menu Items

Disable to facilitate arranging list in any order (*Preset Manager*).

Disable to maintain list visibility regardless of current tool.

Enable to simplify display and maximize readability.

Use for editing and organizing preset list.

Shortcuts & color coding available via *Keyboard Shortcuts* dialog.



Dip your Paintbrush into a Photograph.



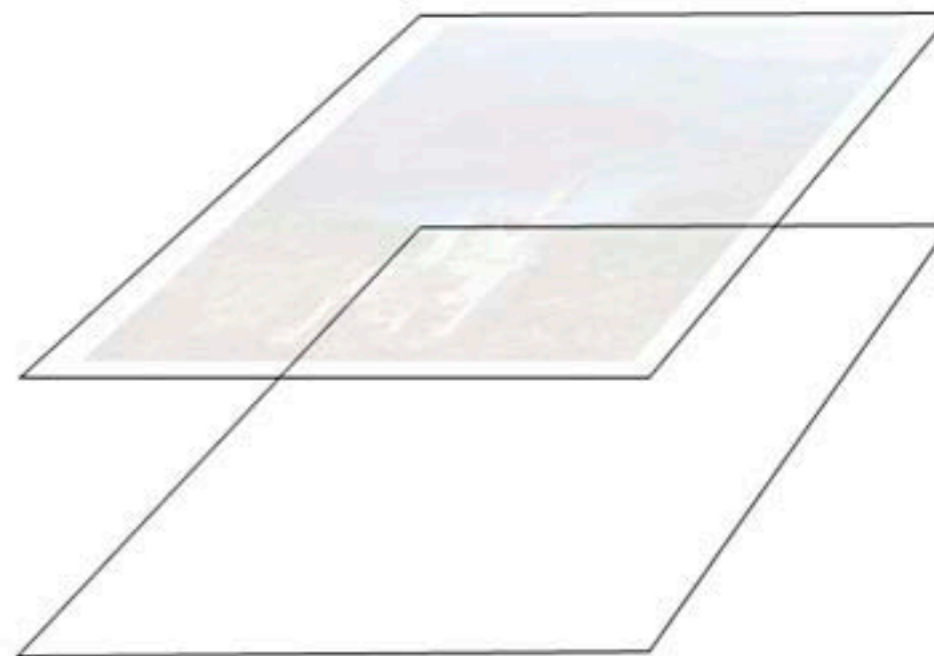


**Mixer Brush *Pickup Well (Wetness)* does not recognize *Opacity*:
as a result, Color is picked up at Full Opacity.**

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)

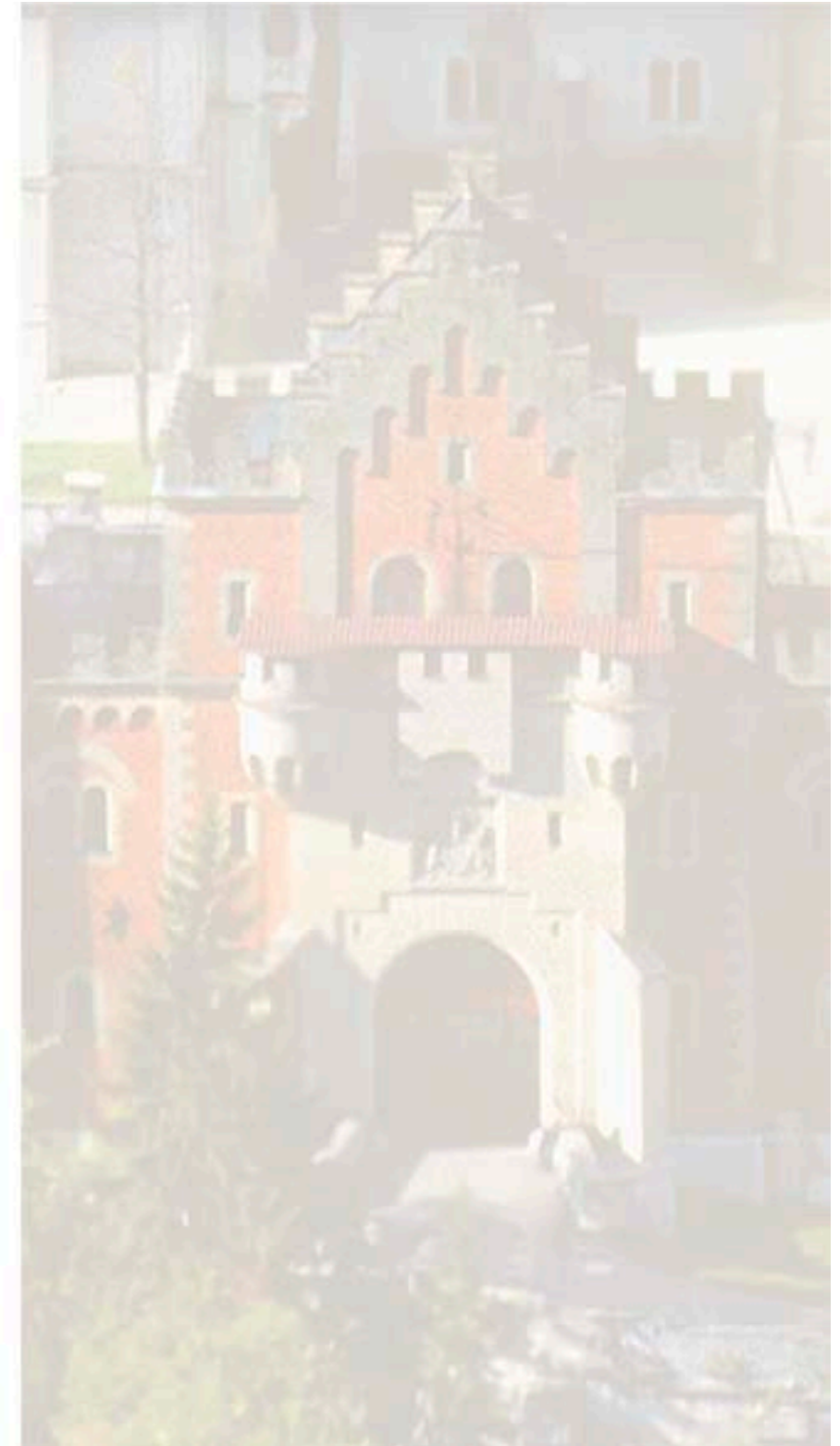
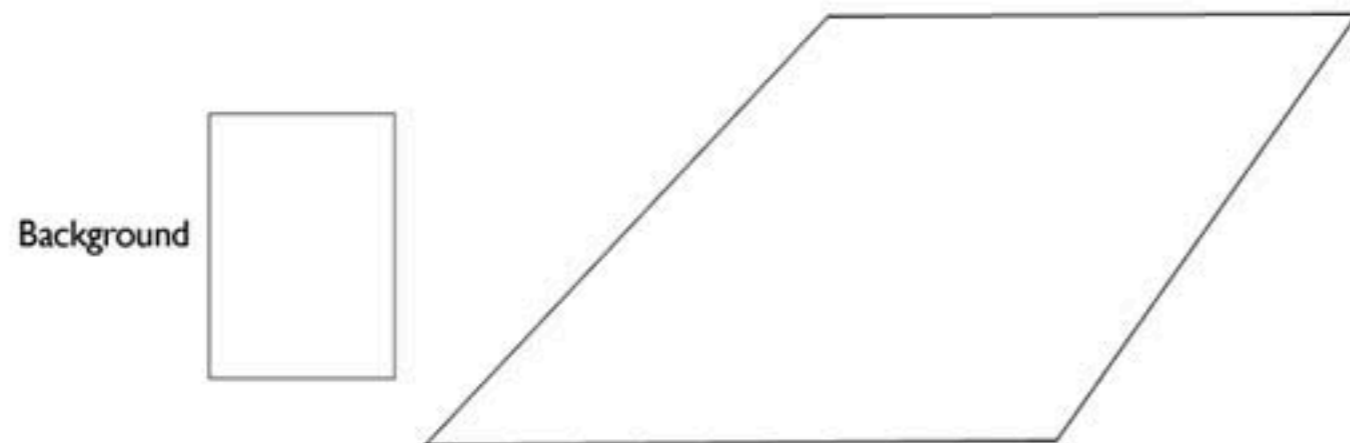
Mixer Brush *Wetness* ≥ 1%



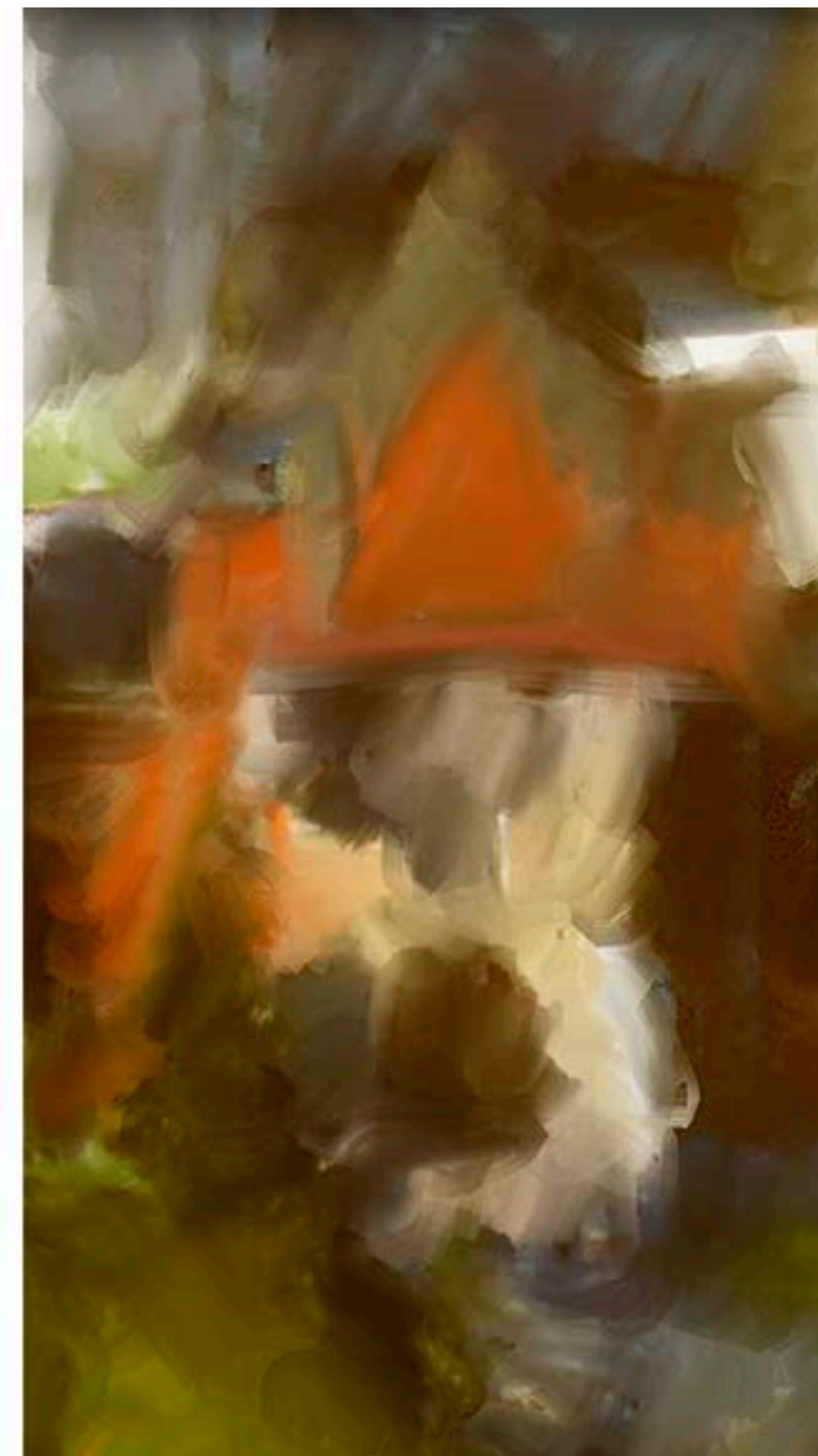
Anatomy of Cloning Layers



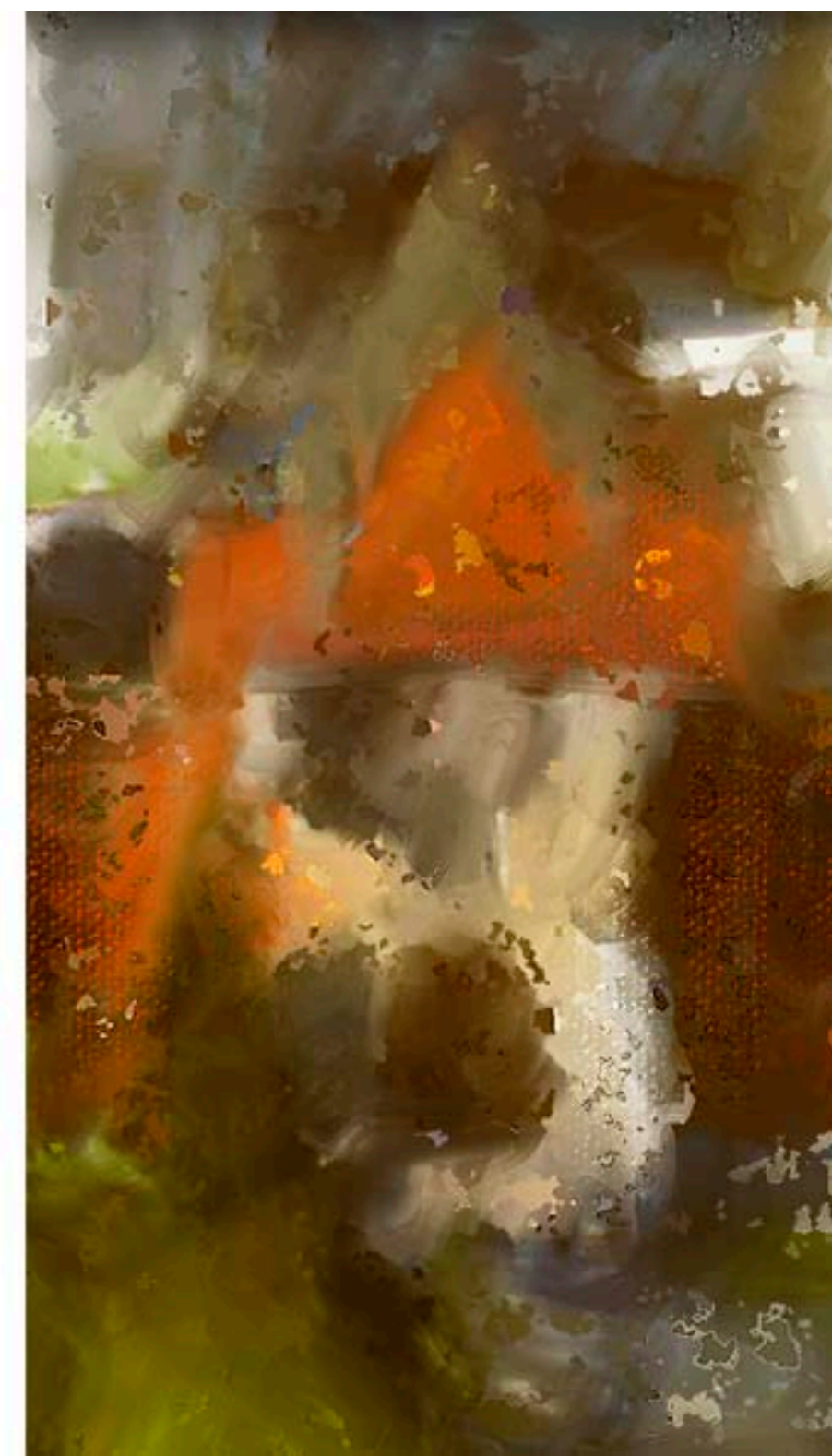
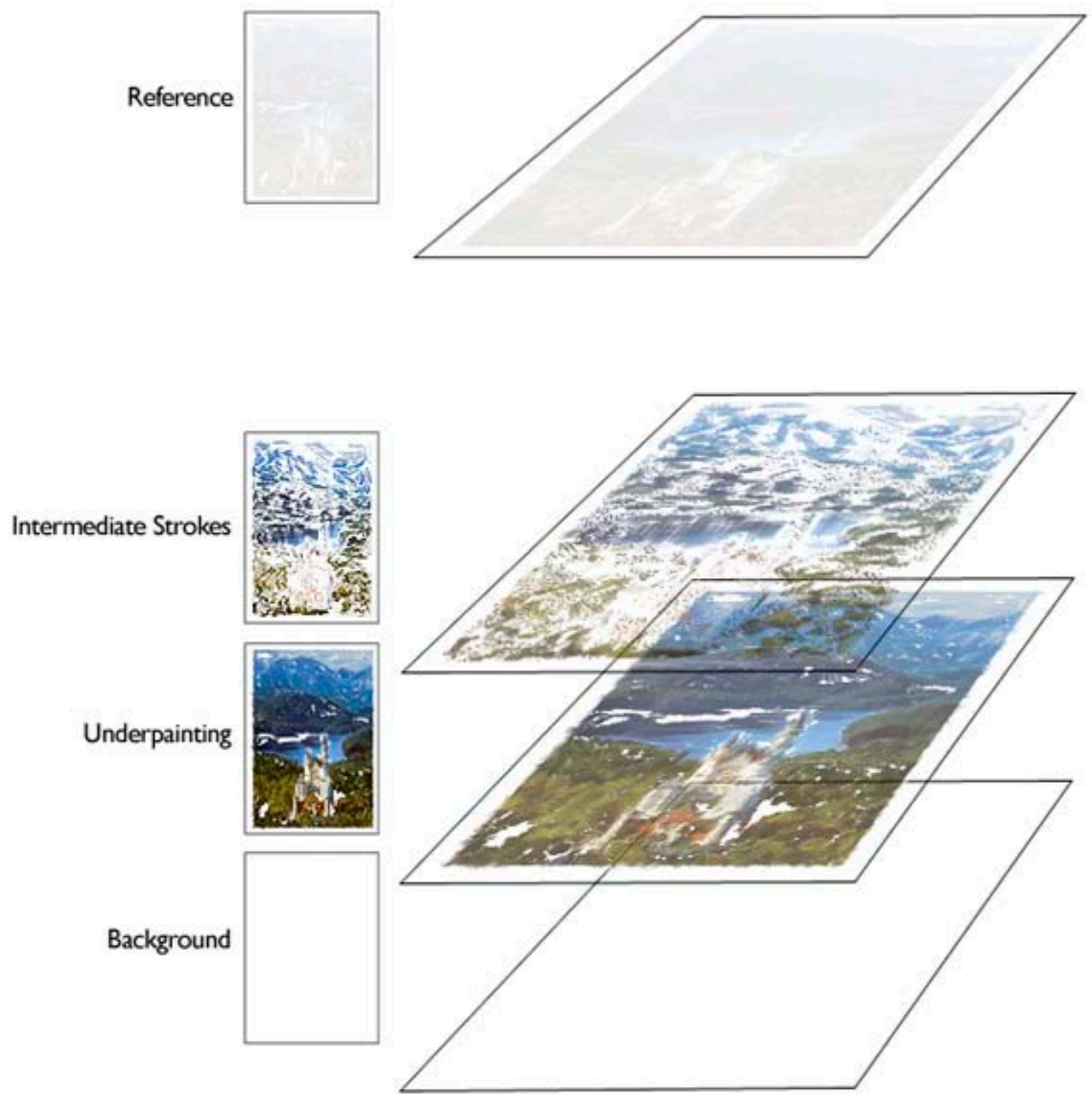
Anatomy of Cloning Layers



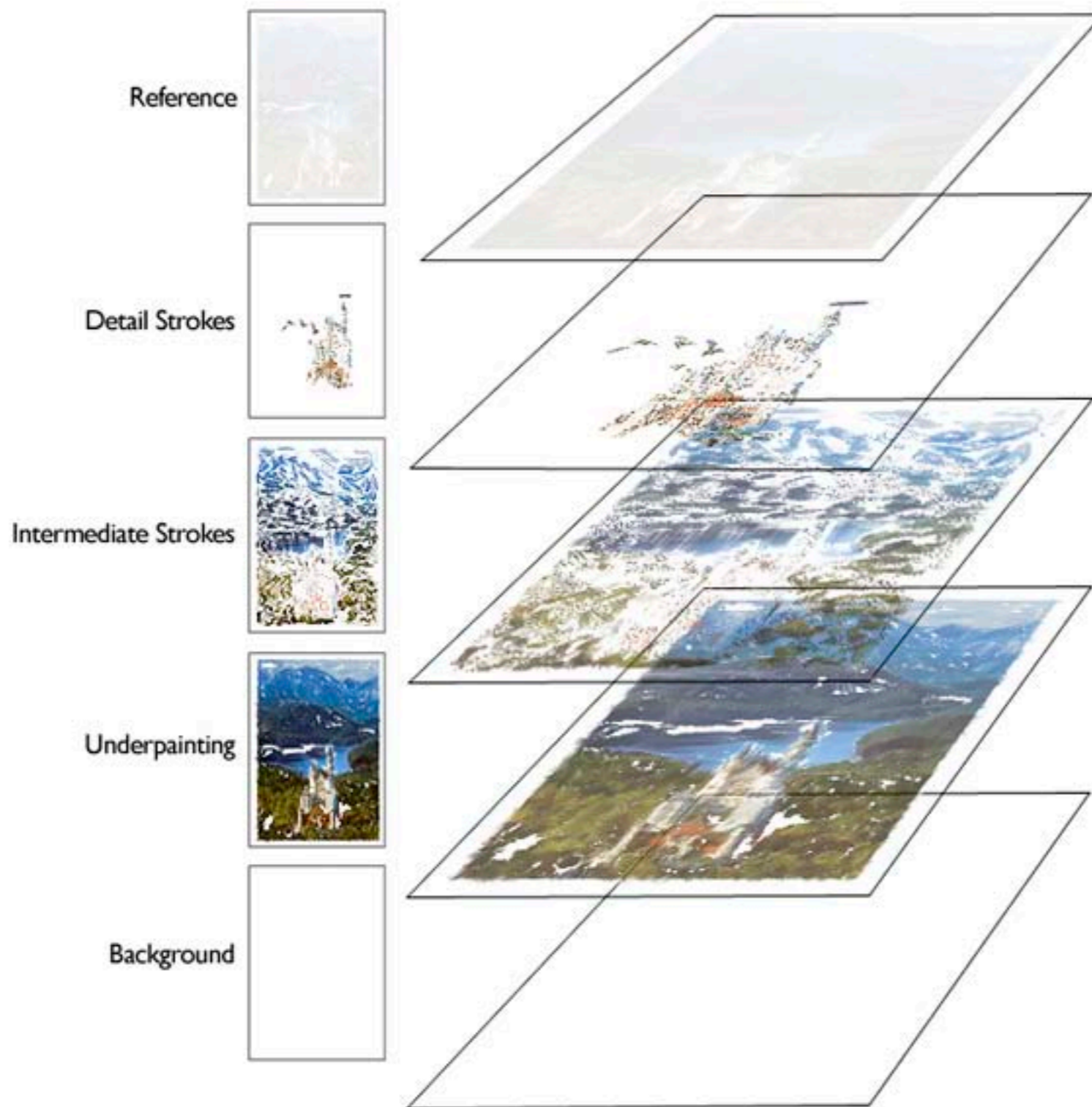
Anatomy of Cloning Layers



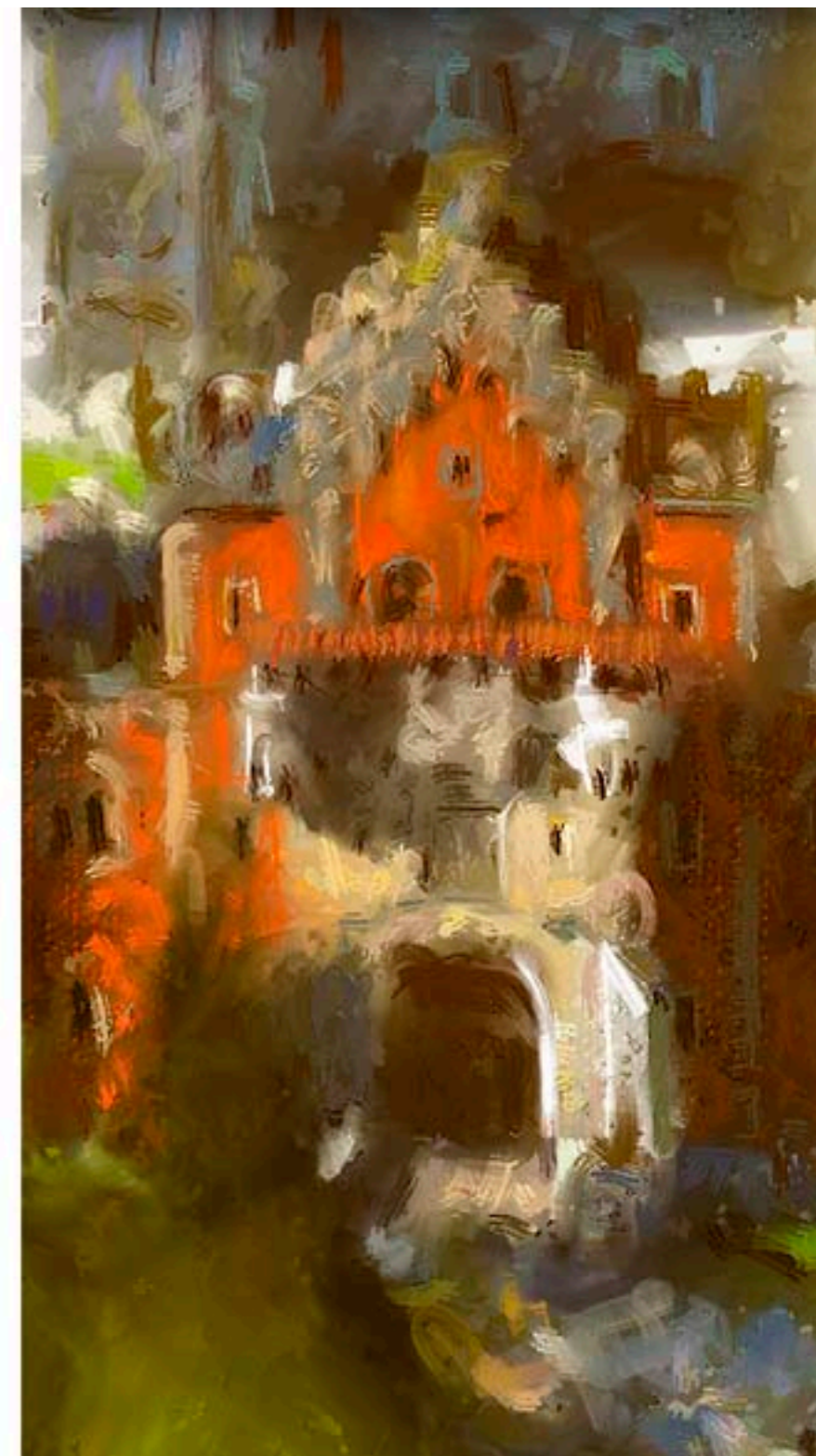
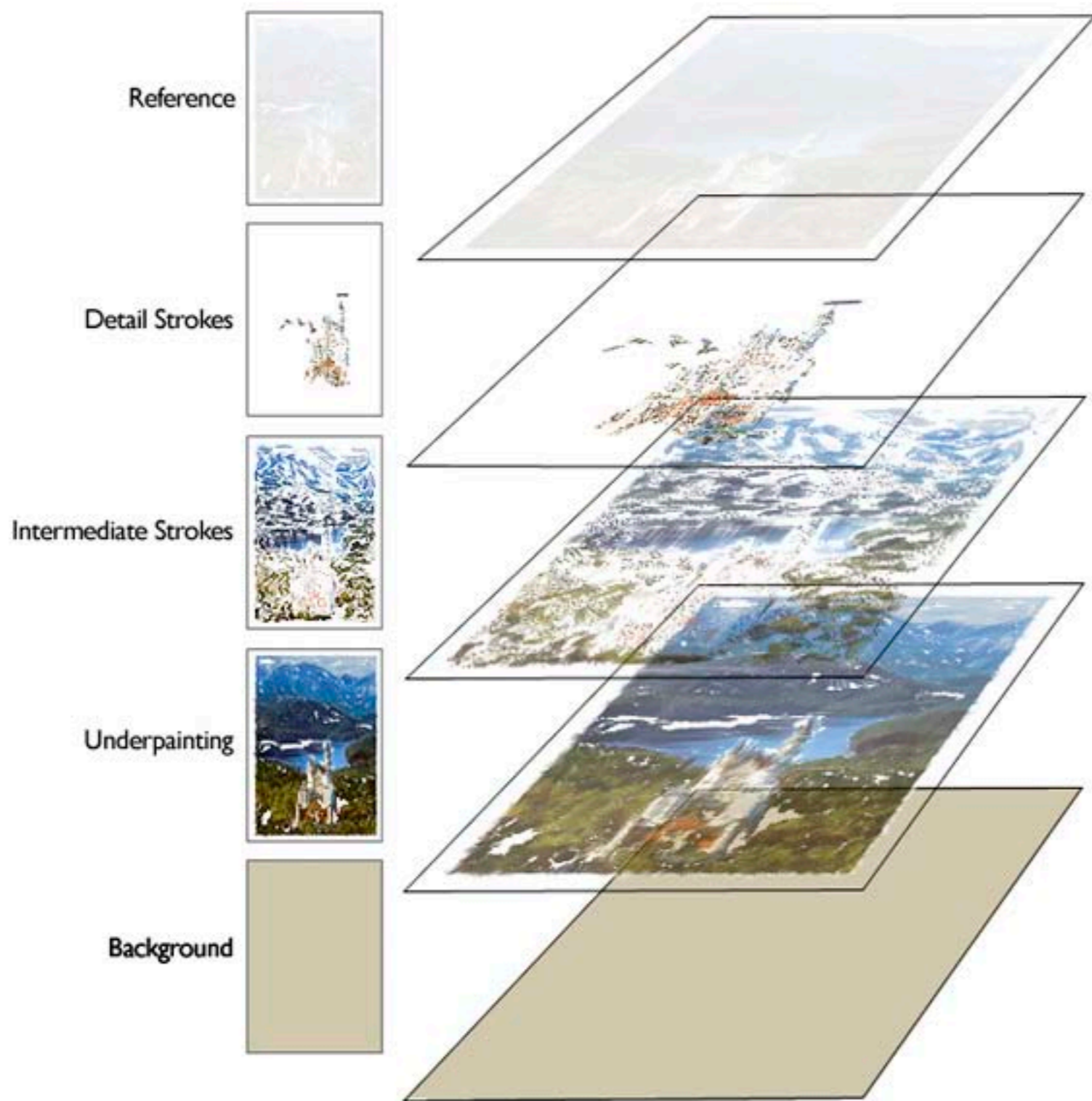
Anatomy of Cloning Layers



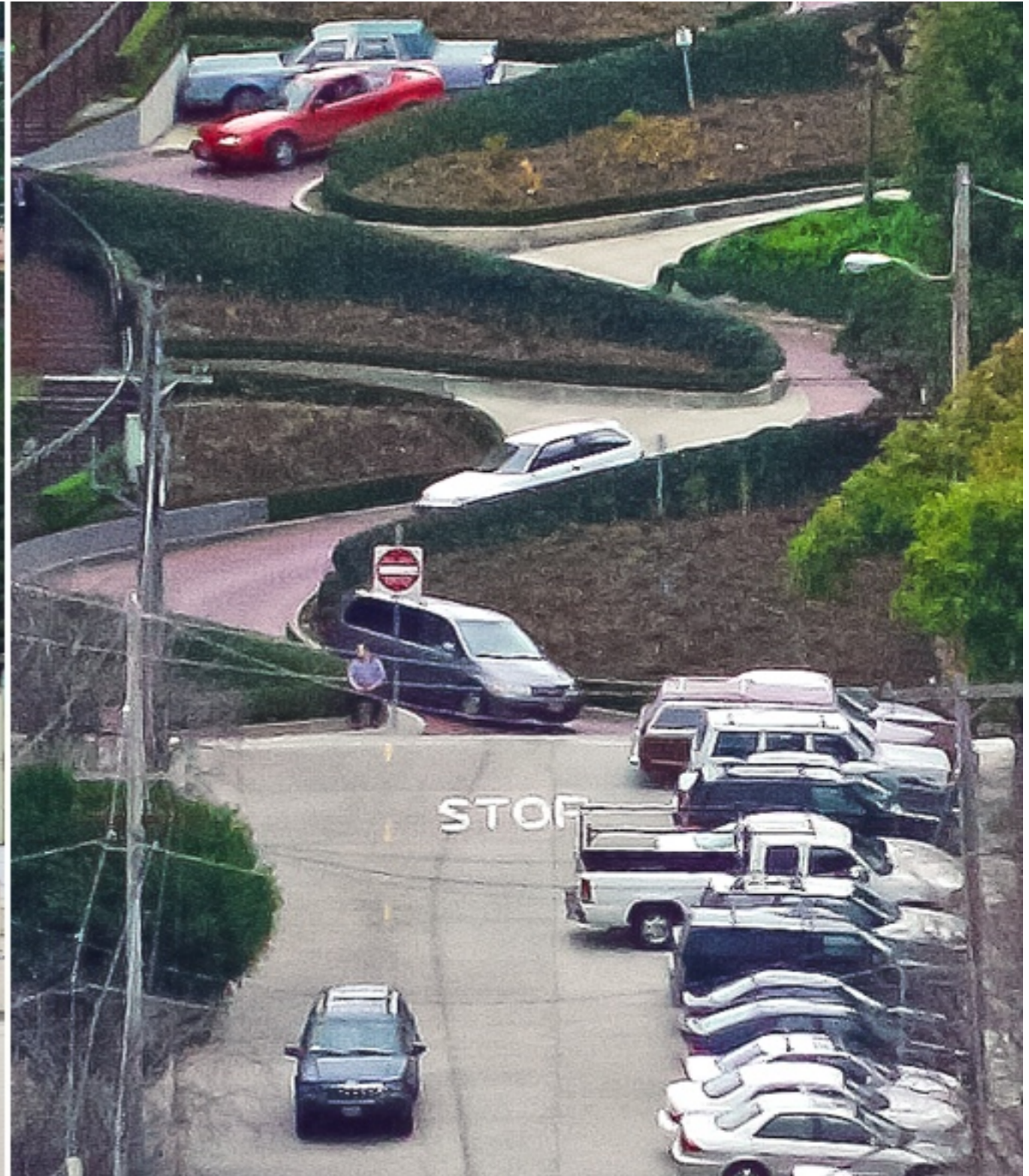
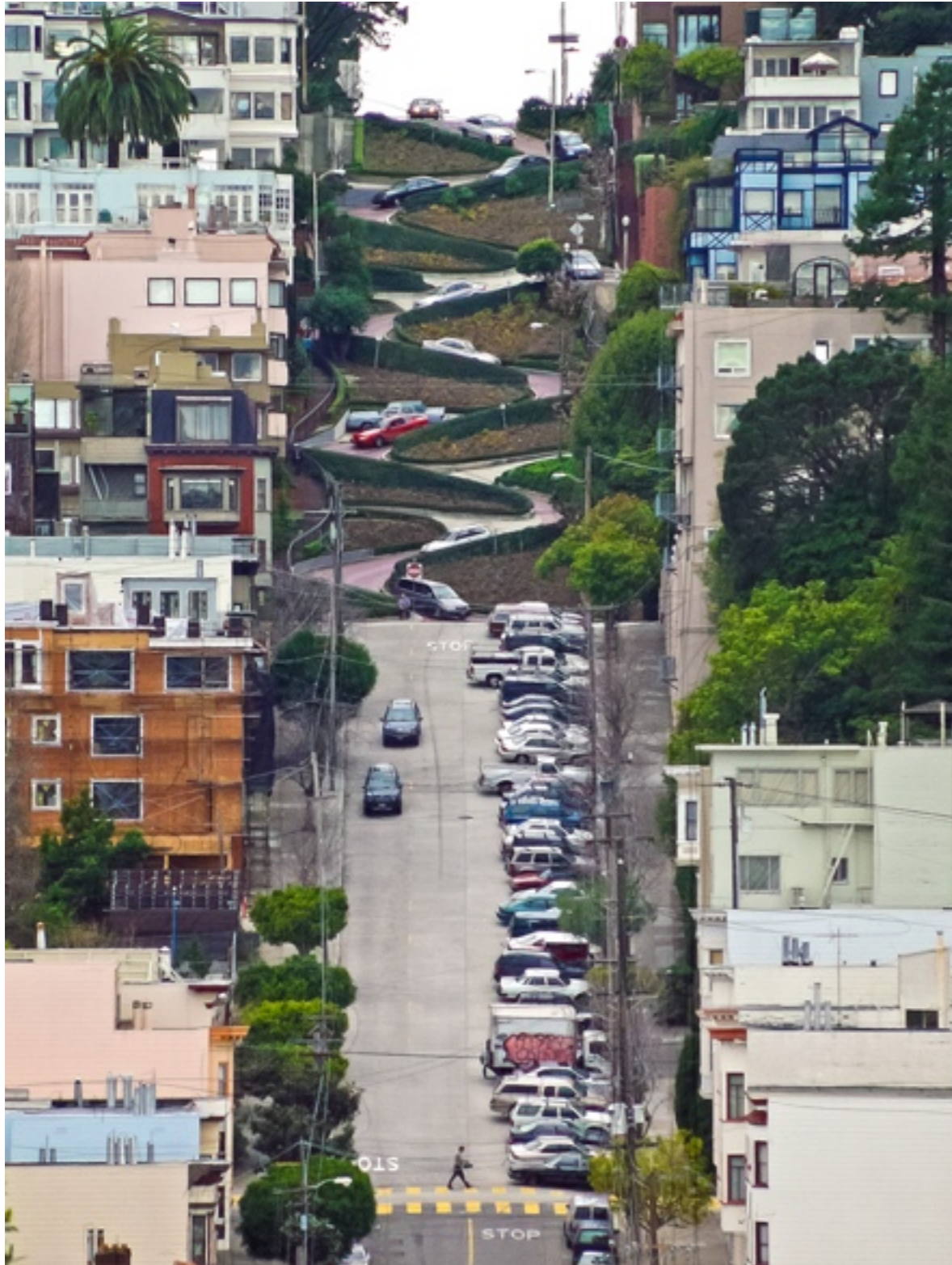
Anatomy of Cloning Layers



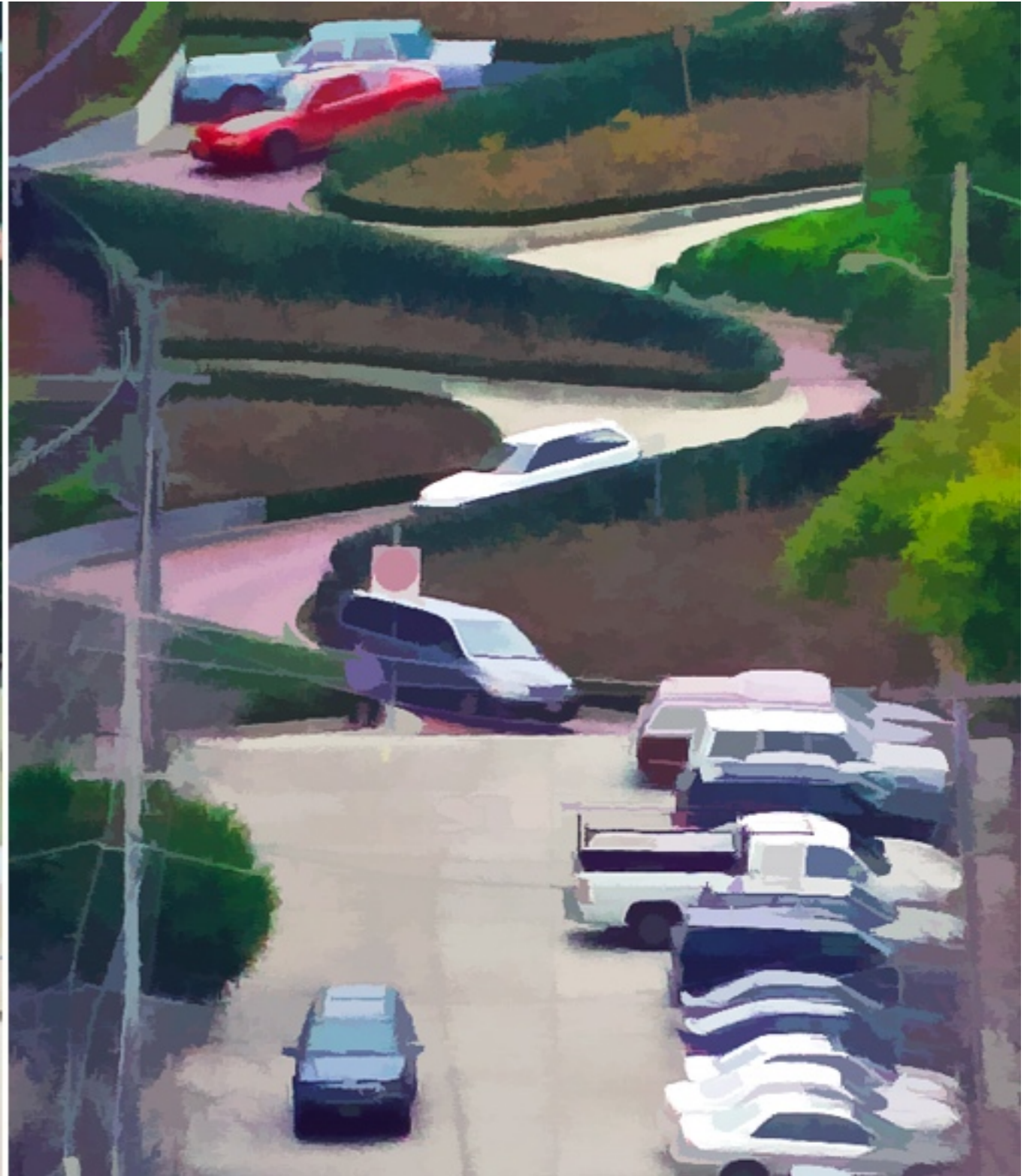
Anatomy of Cloning Layers



Painting from a Reference: Original Image



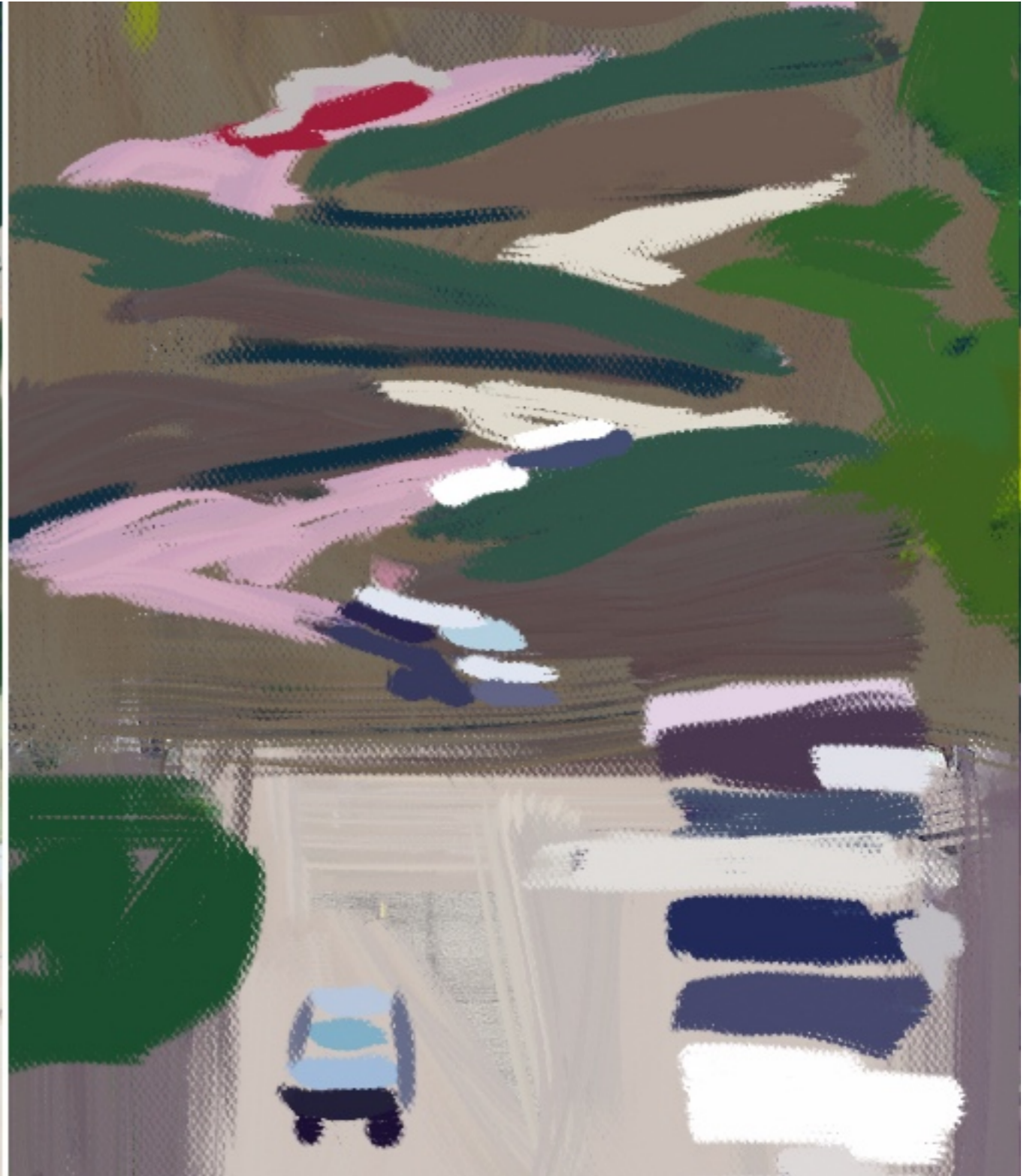
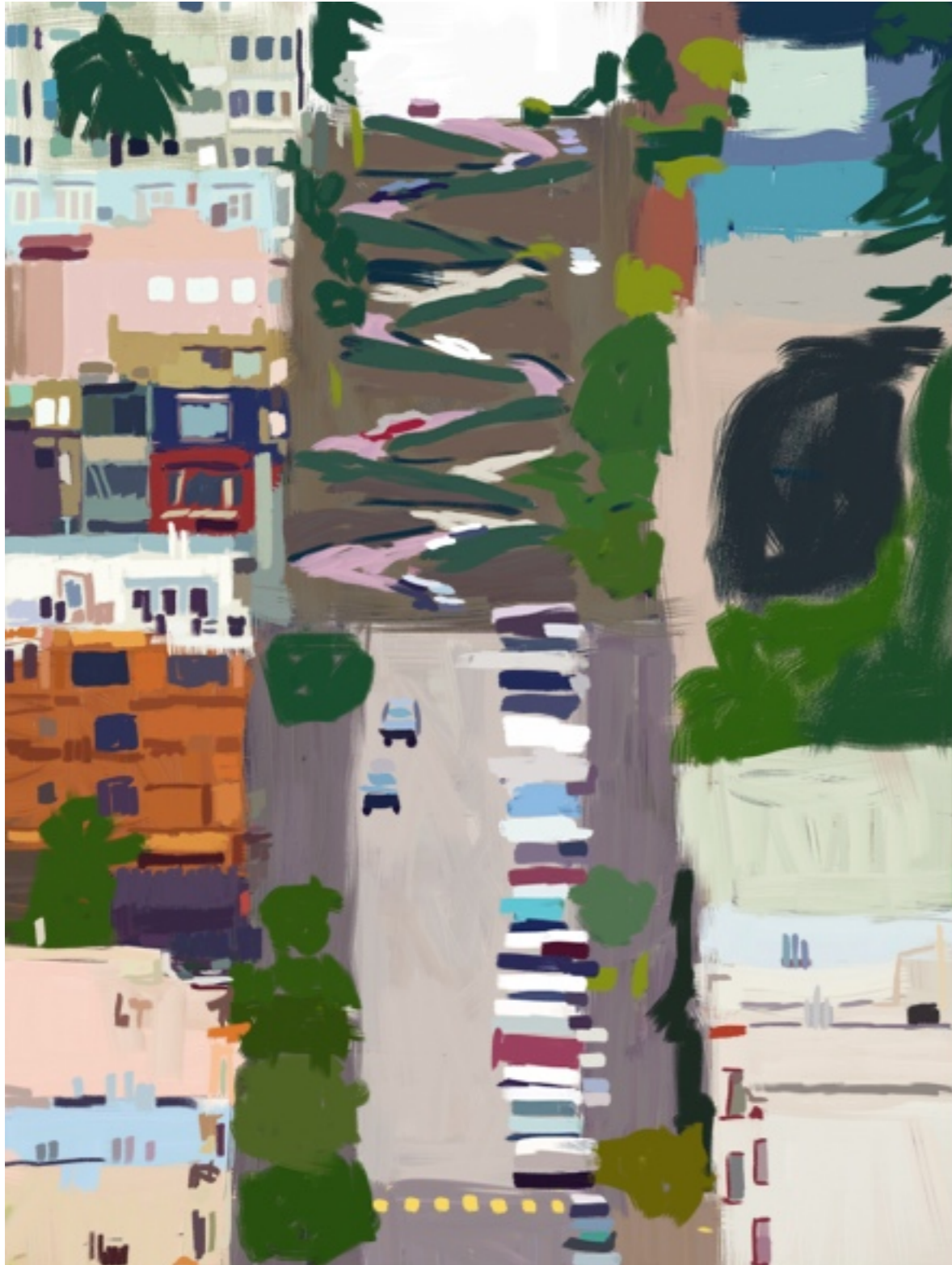
Painting from a Reference: Simplification



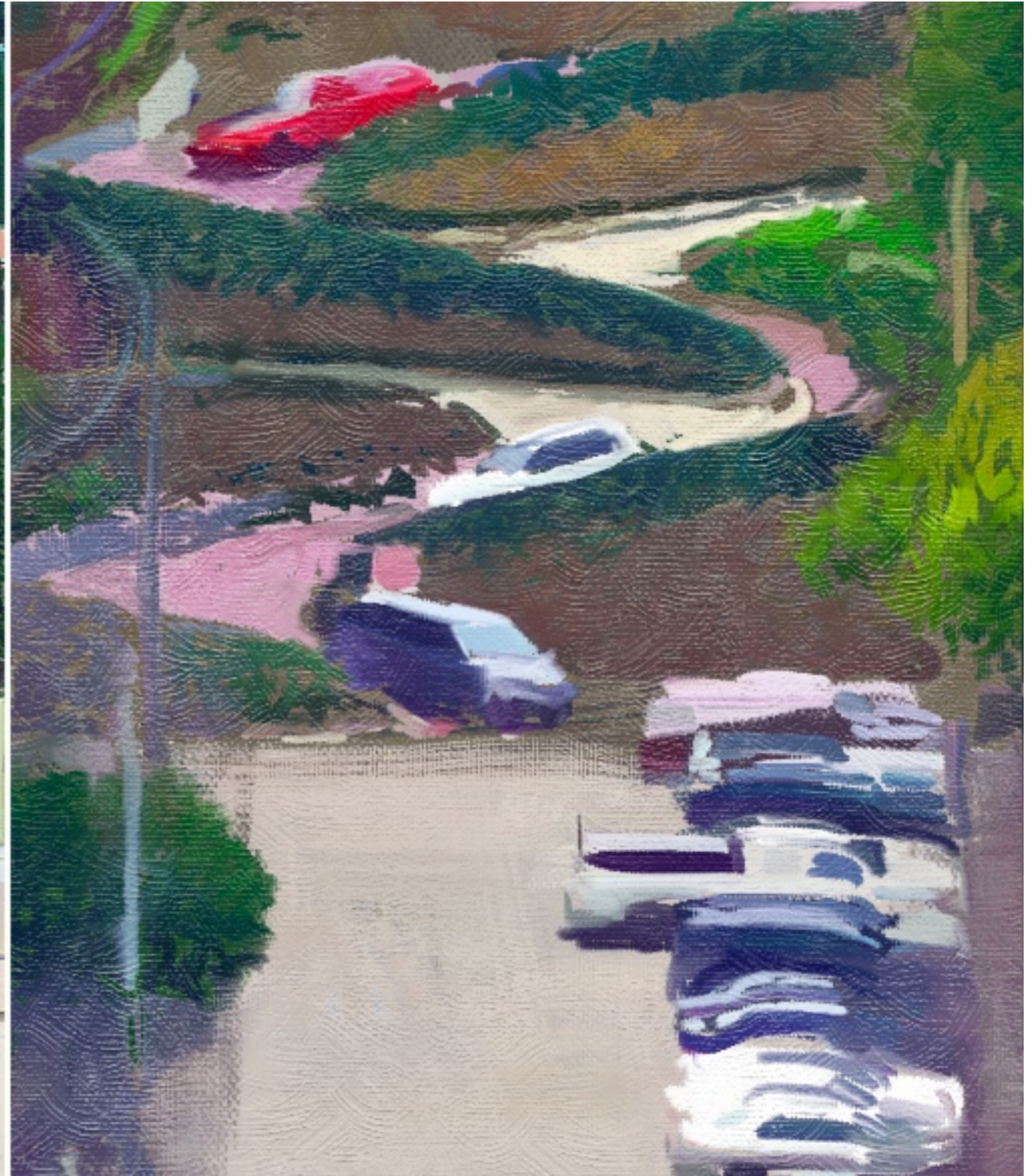
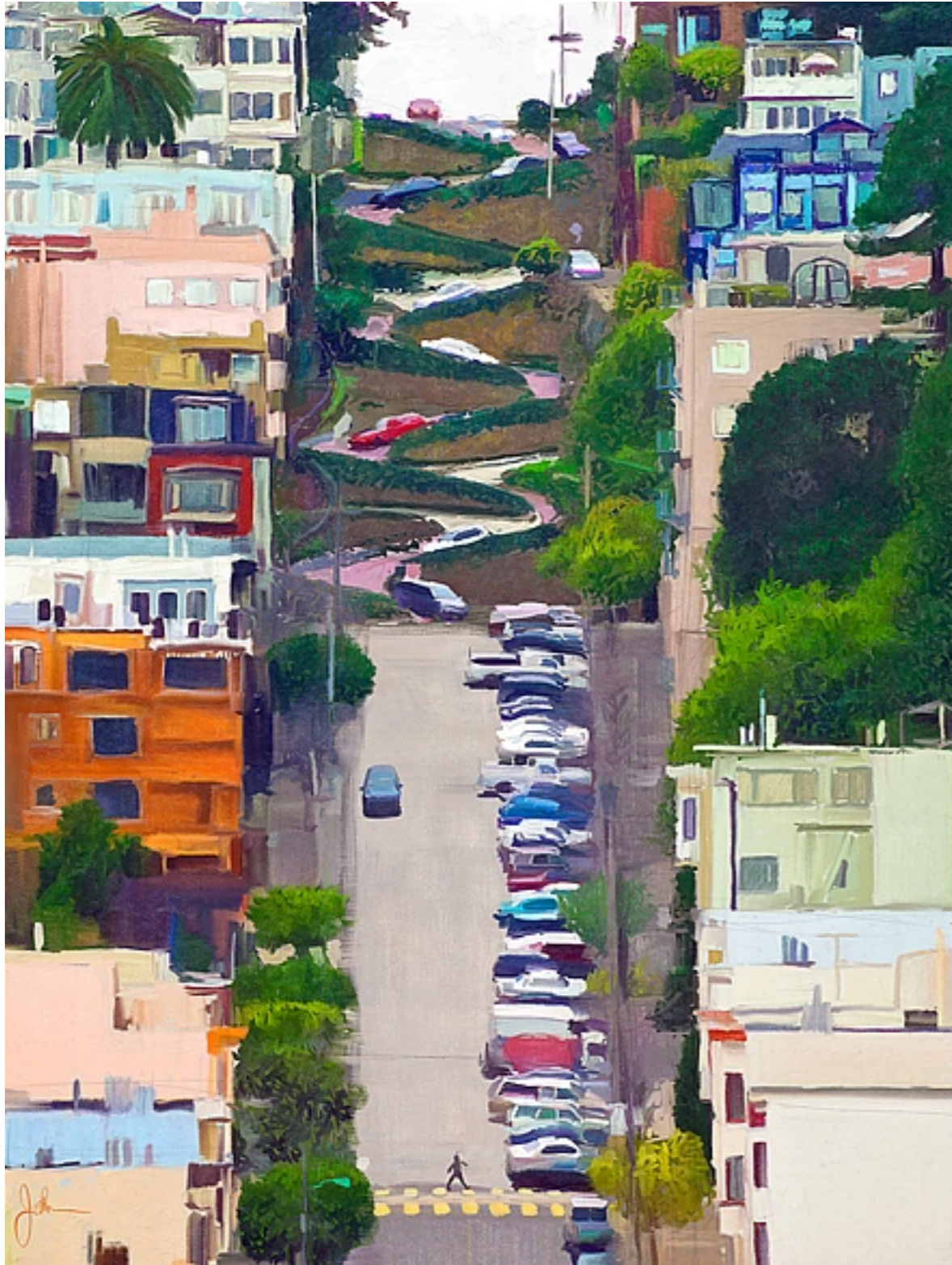
Painting from a Reference: Underpainting



Painting from a Reference: Intermediate Strokes



Painting from a Reference: Detail Strokes





Painting Demo

