

# Photography 101 - Composition

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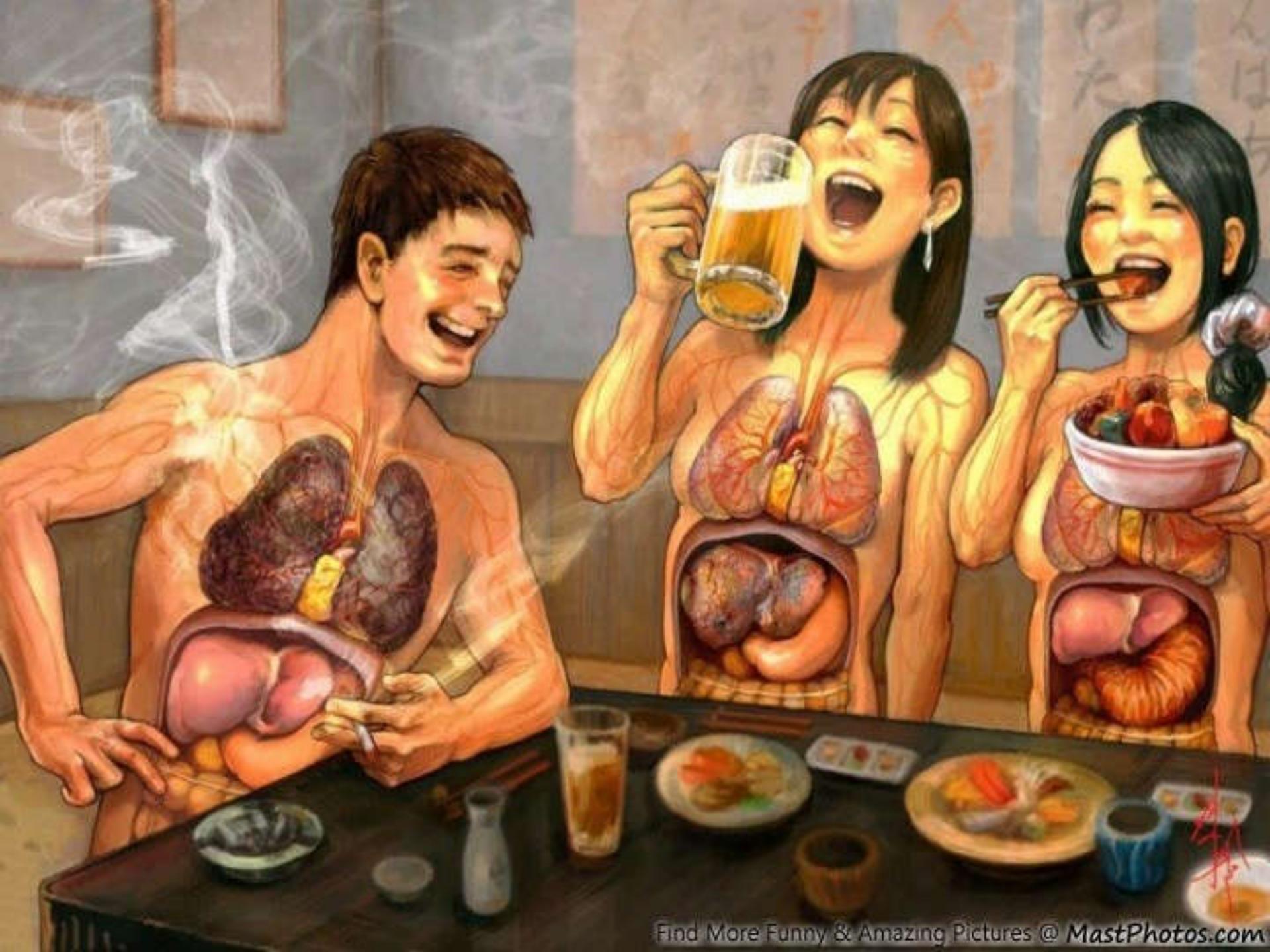
Maker Space

# Overview

- Elements of Composition
- Principles of Design
- Tips and Tricks

A picture speaks a  
thousand words



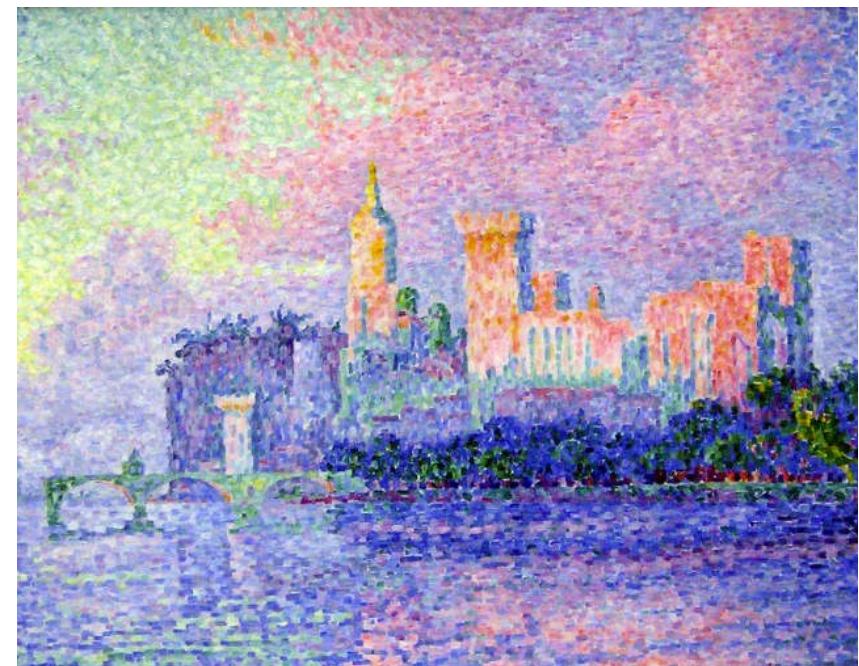


# Elements

- Simplify the complex components of photographic design into basic elements
  - Point
  - Line
  - Shape
  - Texture
  - Color

# Point

- The one dimension\* dot is where every visual element starts and is based on
  - Pointillism -> French Impressionism



\*In a two dimensional art form, it is considered zero dimension

# Line

- A line is a point in motion, with one dimensional length
  - The longer the length, the greater the visual impacts
  - Line can carry emotions
  - Many different types of lines



# Leading Line

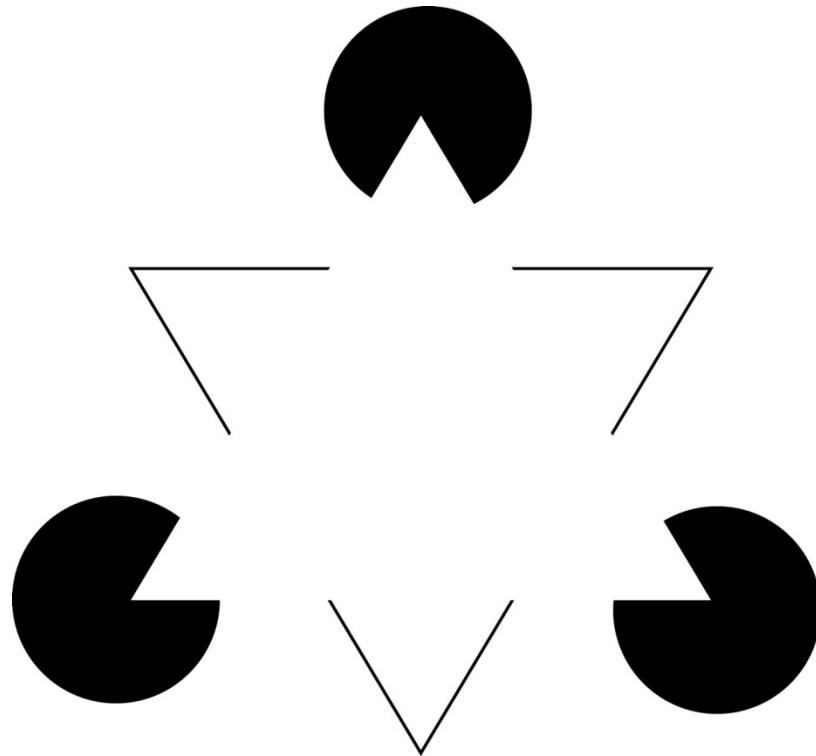






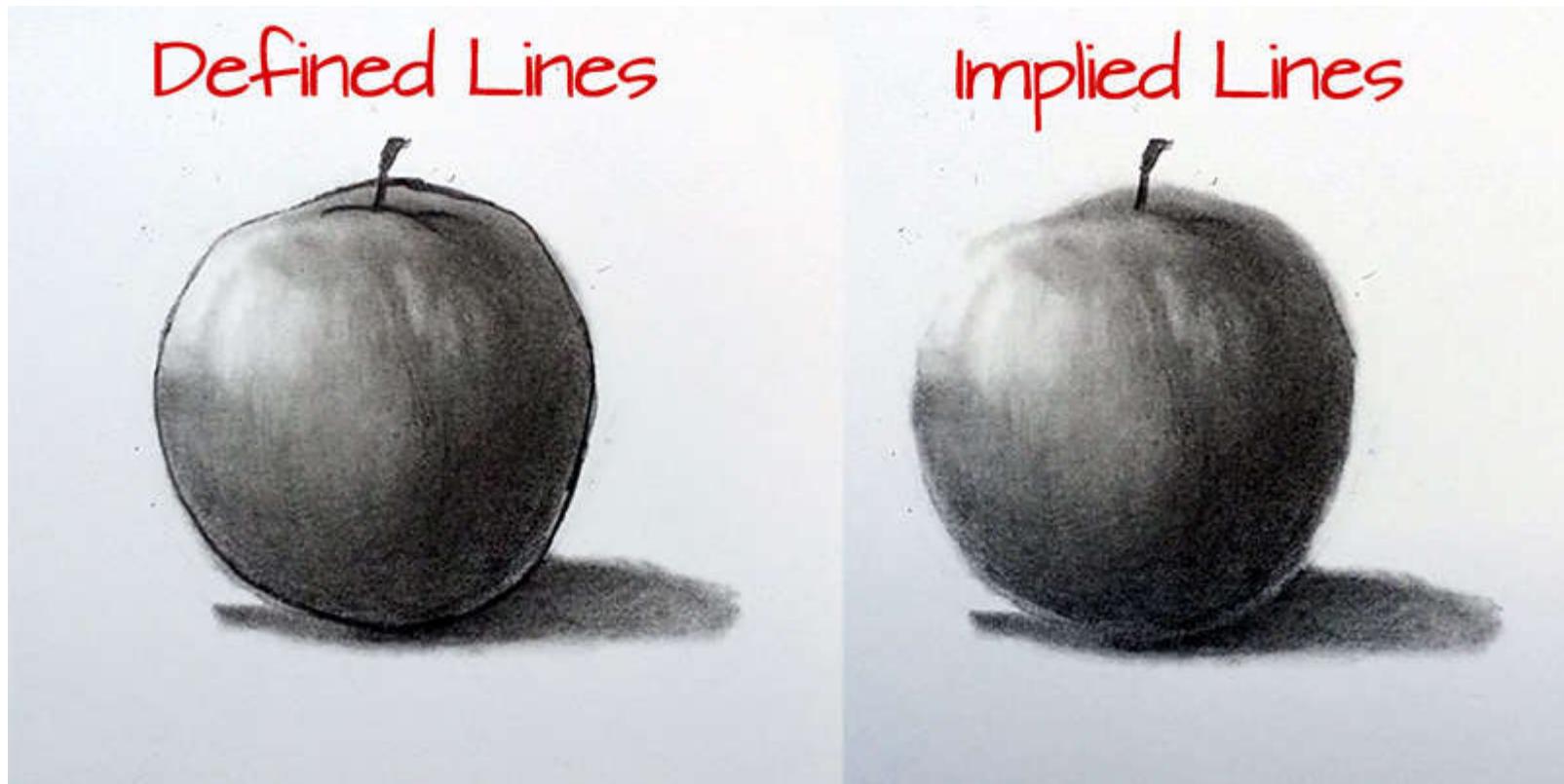
# Implied lines

- Take the eyes across the gap into the subject



# Implied lines

- Take the eyes across the gap into the subject



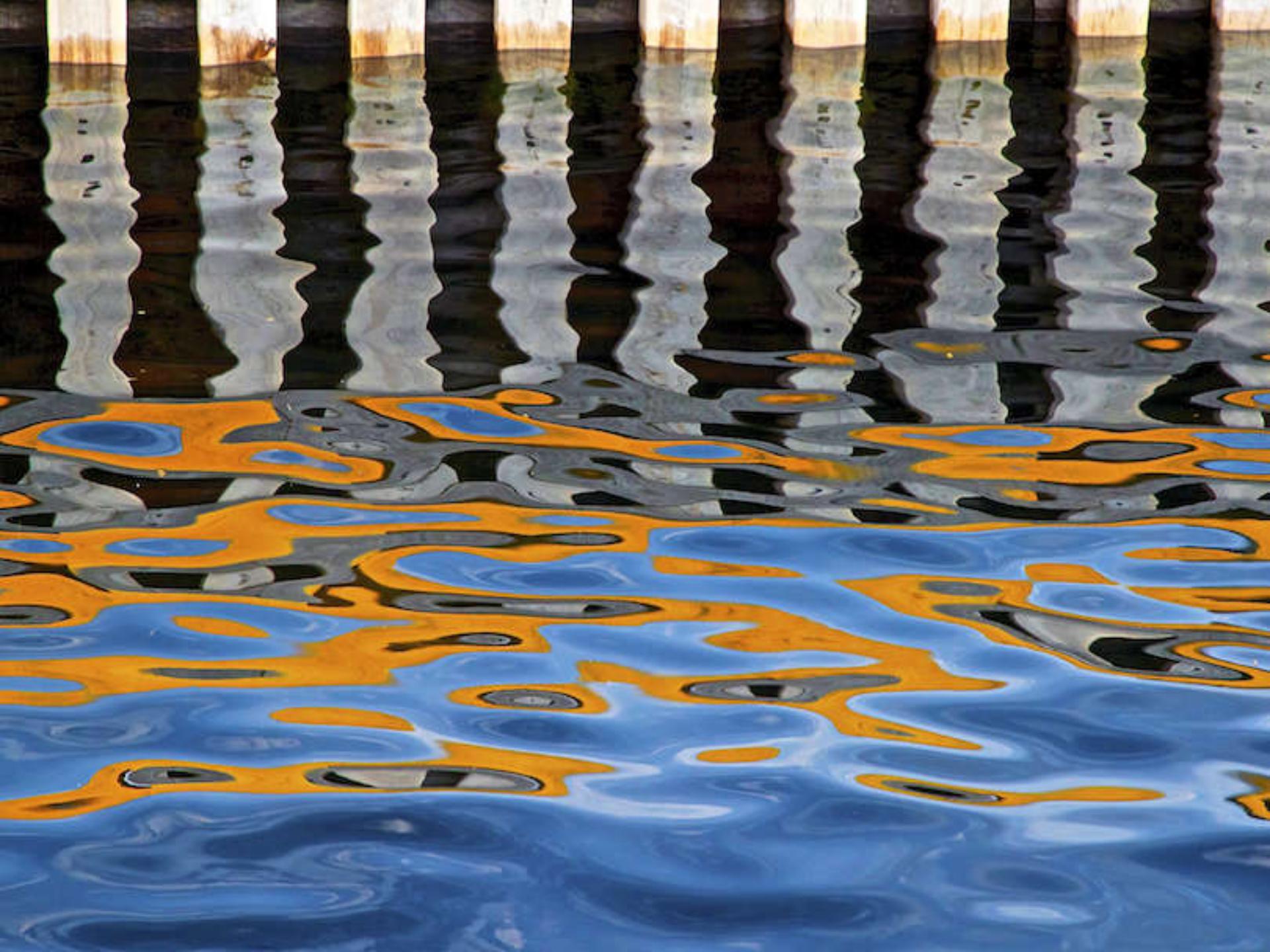




# Broken Lines

- Lines can be thick, thin and broken
- Provides abstract features of patterns, line and shape







# Horizontal Lines

A wide-angle landscape photograph of a serene lake reflecting the surrounding environment. In the background, a range of mountains is visible, their peaks partially obscured by a dense layer of low-hanging clouds. The sky above is a mix of bright blue and various shades of grey and white from the scattered clouds. The calm water of the lake perfectly mirrors the sky and the mountainous terrain across its surface. In the foreground, the tops of lush green grasses and small wildflowers are visible, framing the bottom of the scene. The overall composition emphasizes the tranquility and symmetry of the natural landscape.

# Vertical Lines



# Diagonal Lines



# Dutch Angle or German Angle?

- Used often in cinematography
- Viewpoint of tilting one's head
- Originates from German Expressionism  
(Deutsch -> Dutch)
- Depicts psychological uneasiness, tension, exoticism, and disorientation

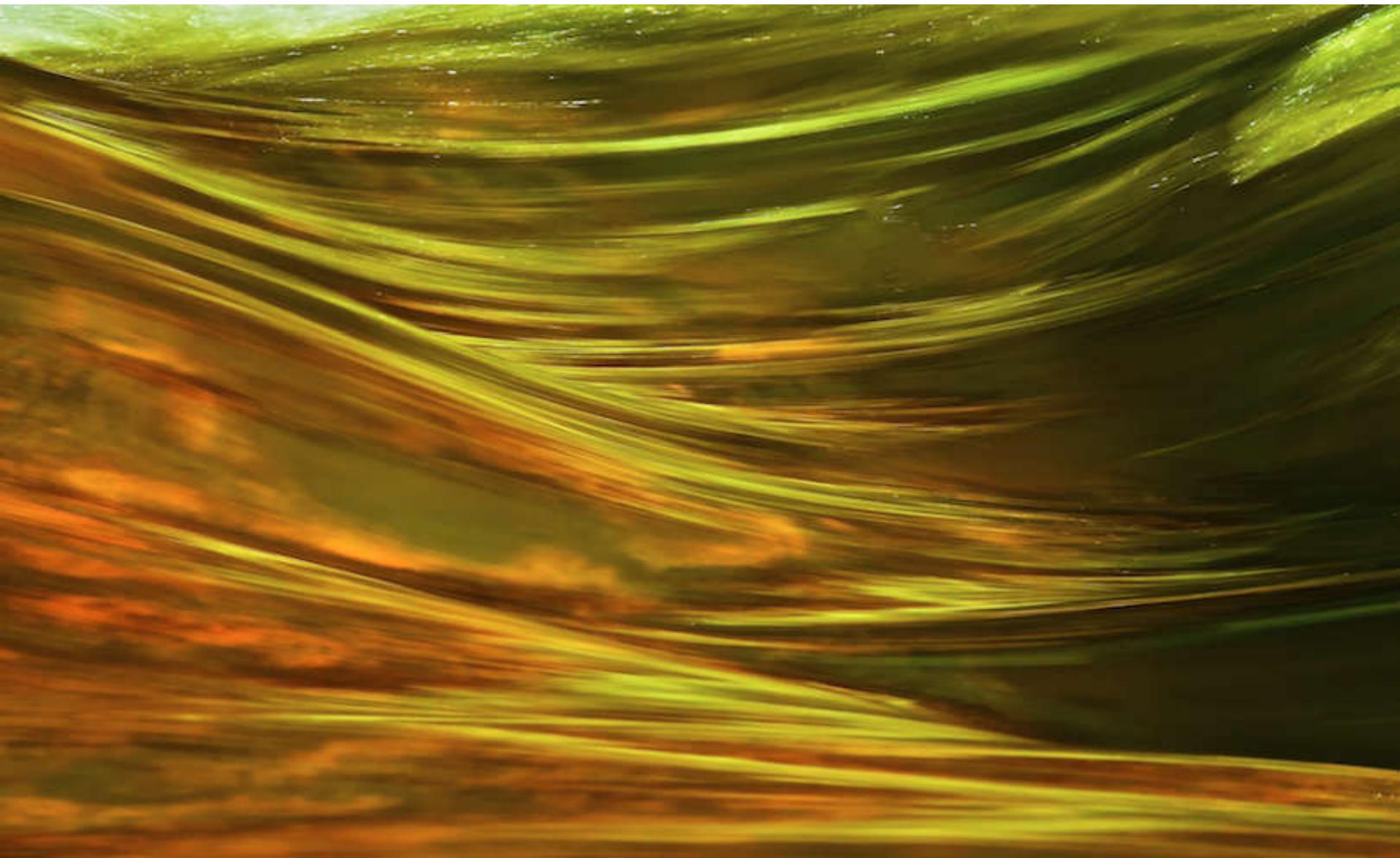
A photograph of two men. The man on the left, wearing a light blue button-down shirt, is holding a small white cylindrical object with a black label that appears to have the word "FANDOR" printed on it. He is looking down at the object. The man on the right, wearing a light-colored t-shirt, is looking towards the left. In the background, there is a fireplace with a fire burning. The entire image is overlaid with a grid of green dotted lines forming a diamond pattern.

FANDOR

35°

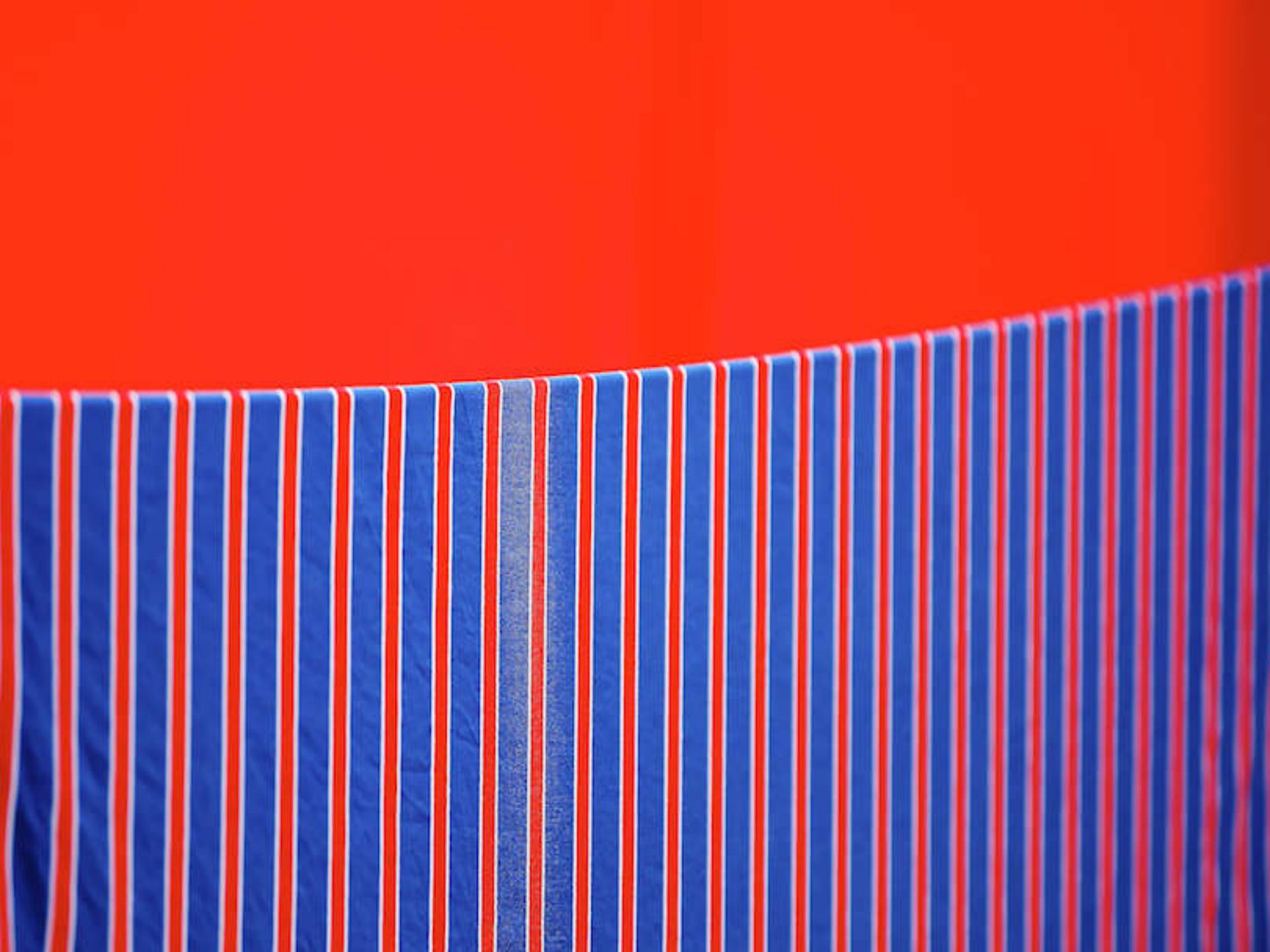


# Curved Lines









# C-Curves



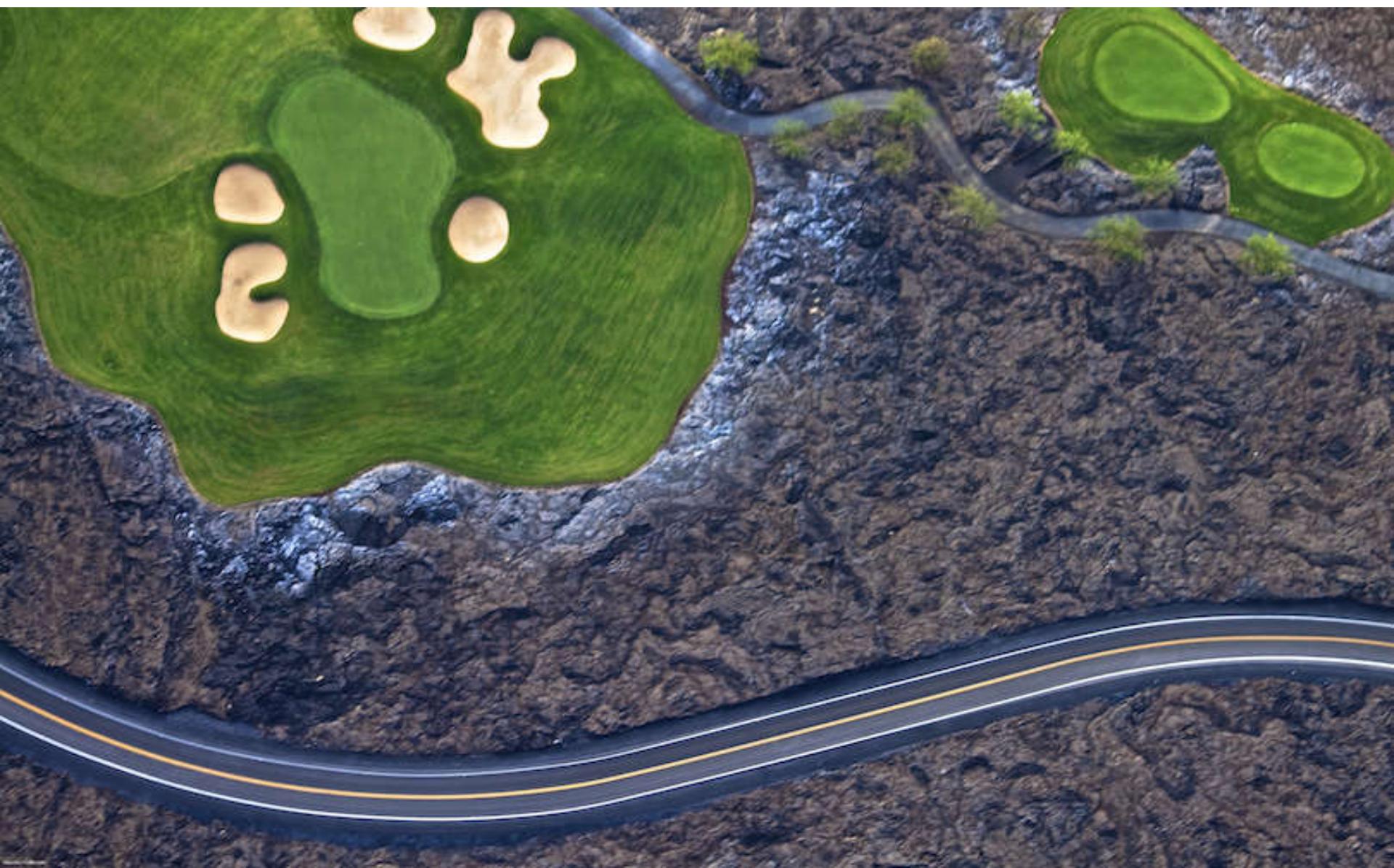


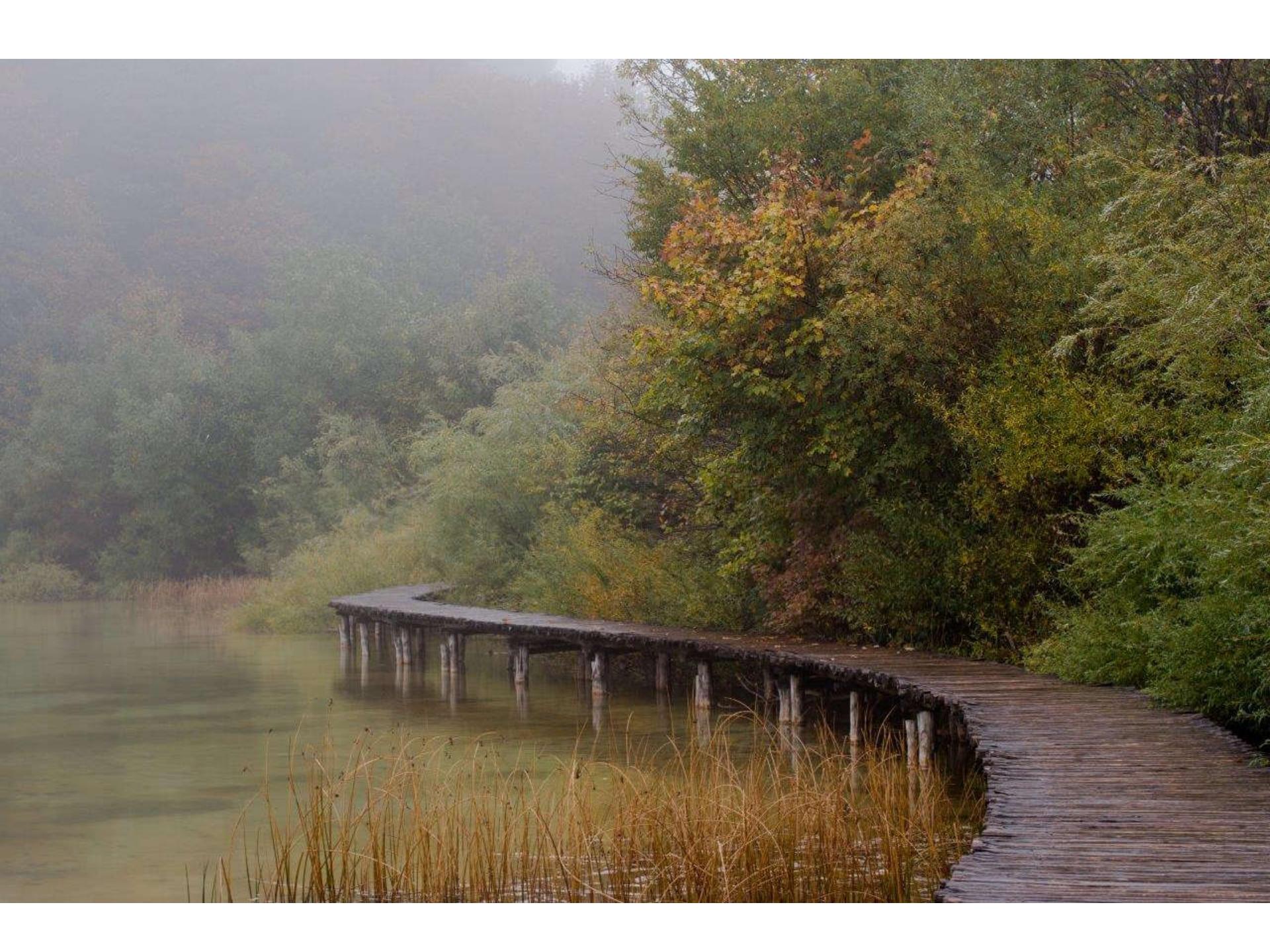






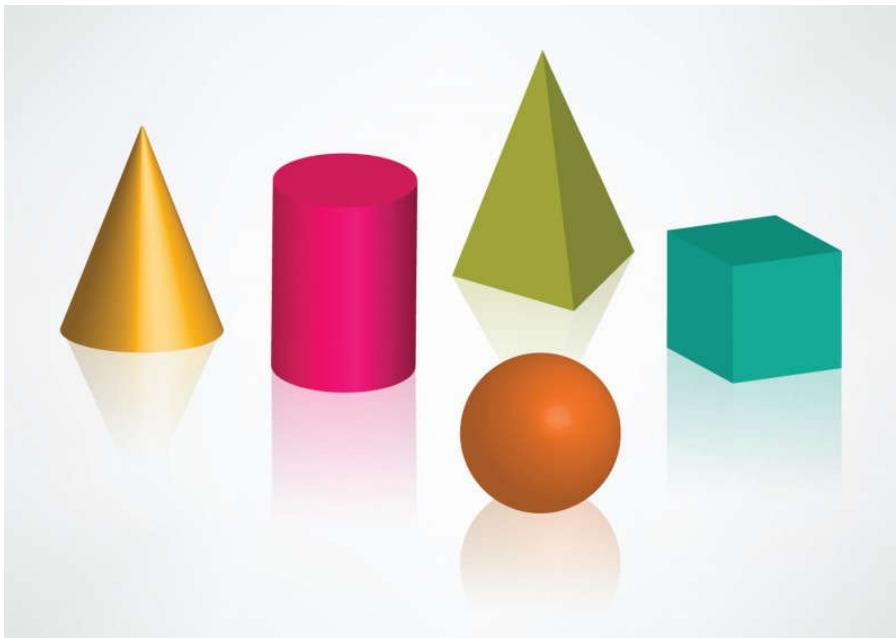
# S-Curve



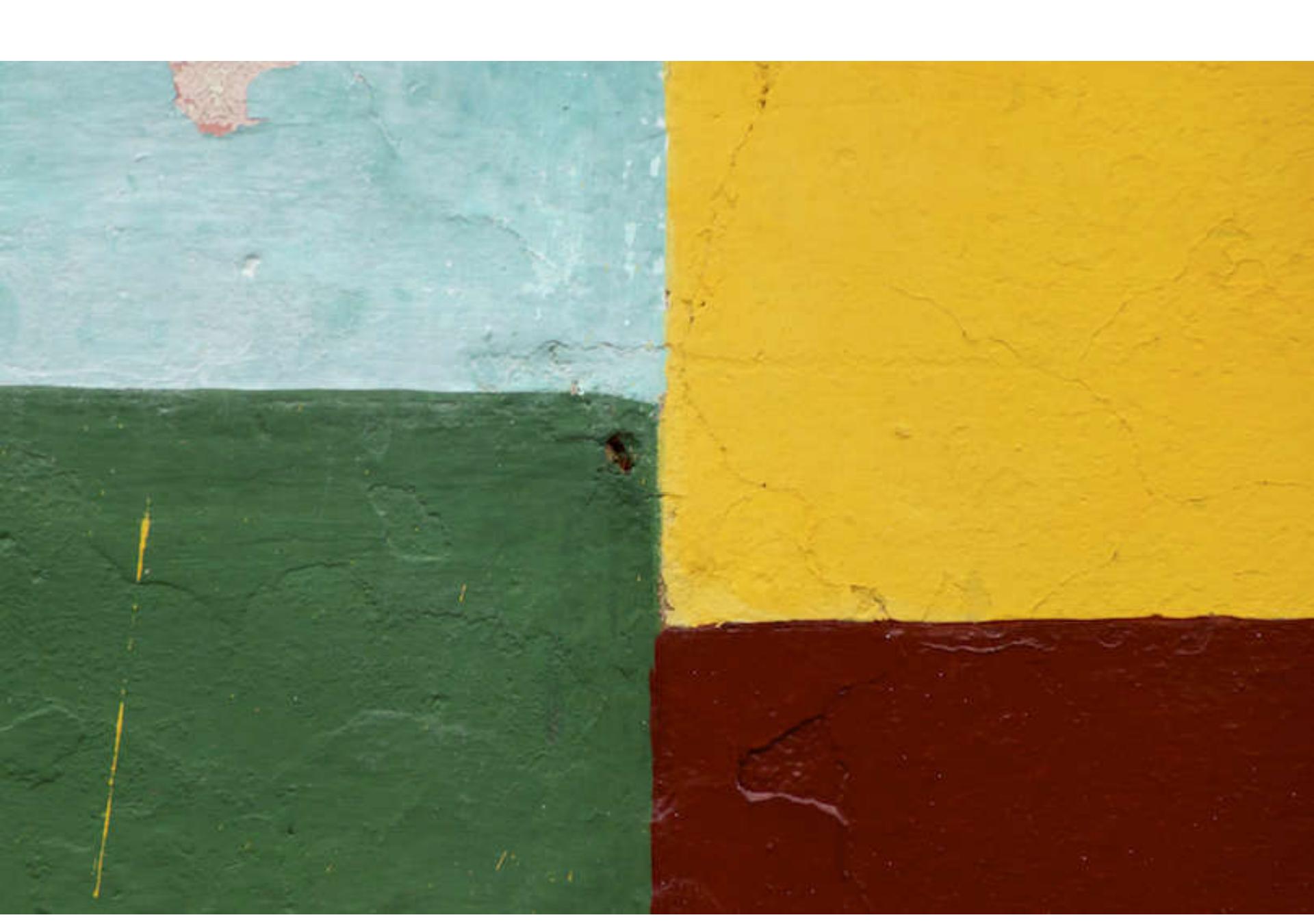


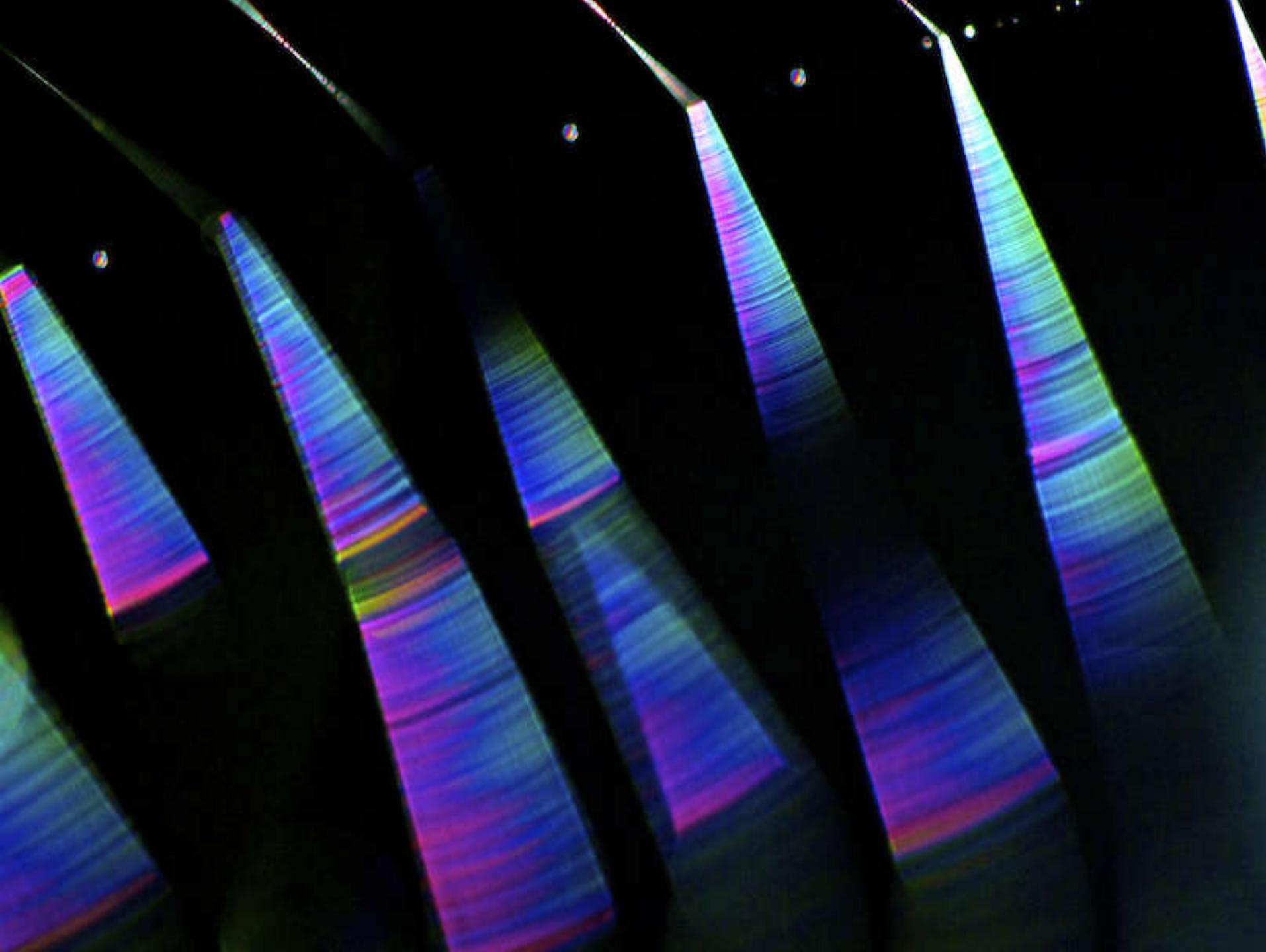
# Shapes

- With criss-crossing lines, we will have shapes
- Can be organic or geometric
- Form the true two-dimensional components

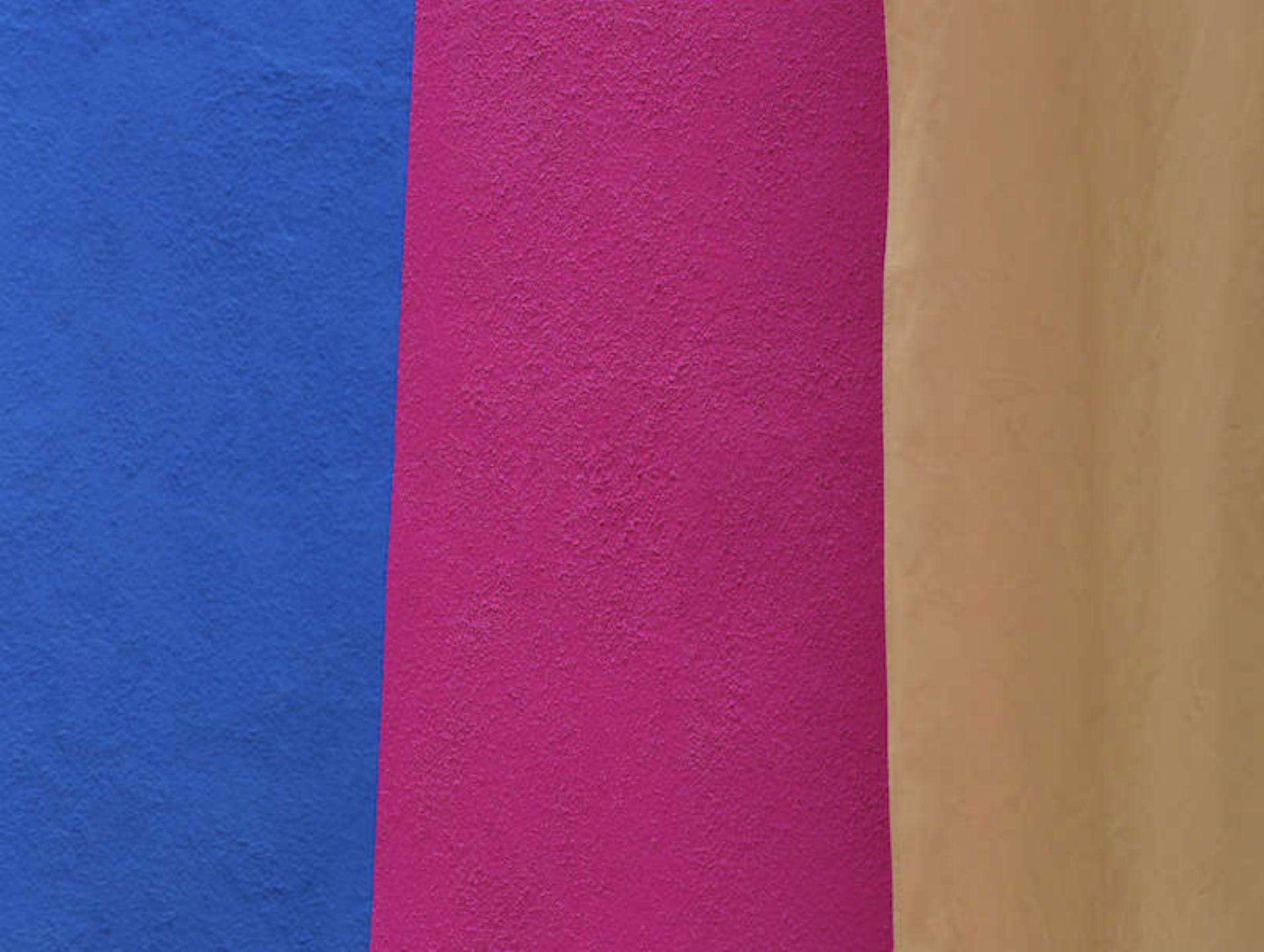










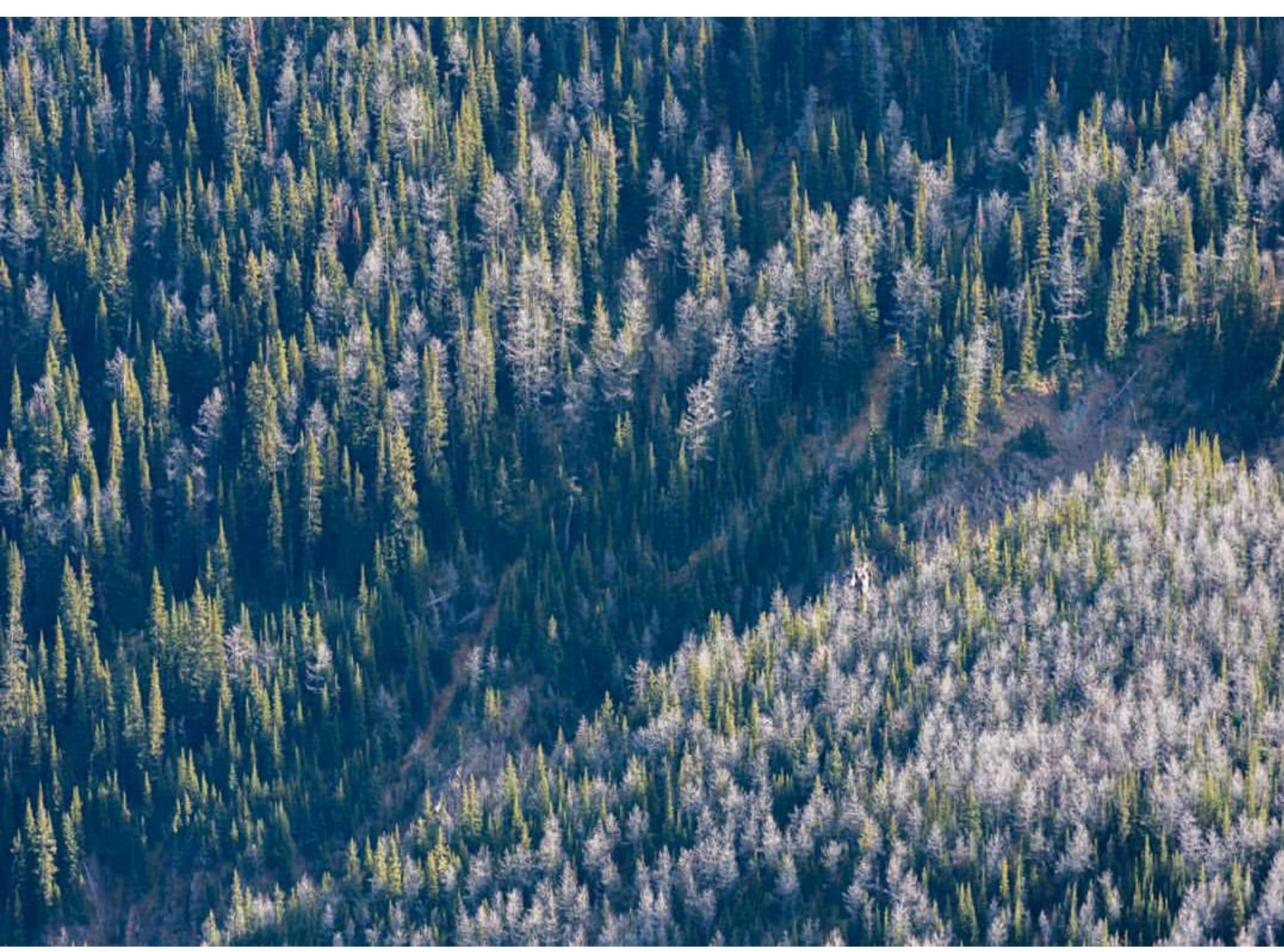




# Texture

- Texture can be smooth, rough, or sharp and are variations of shapes in a pattern



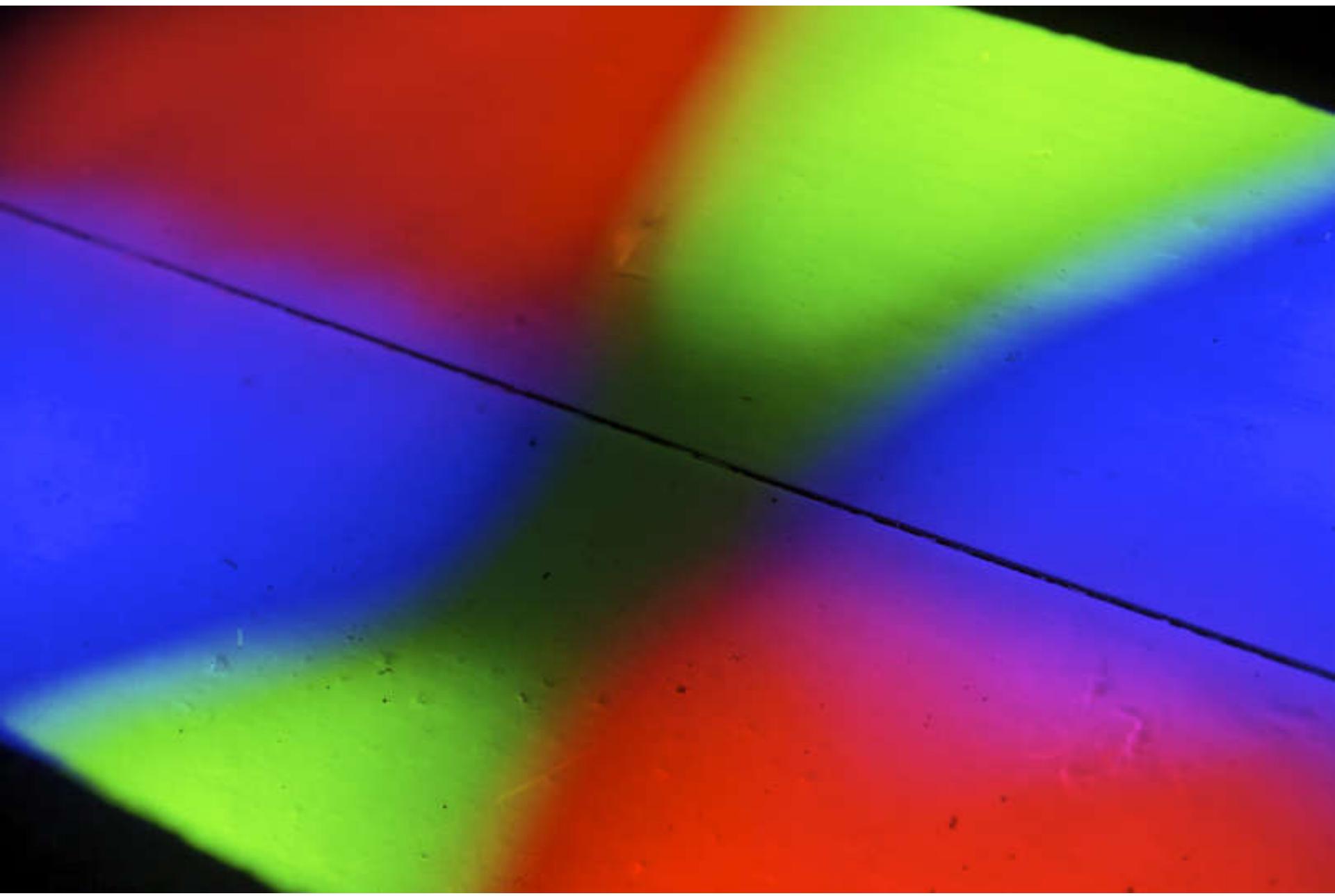


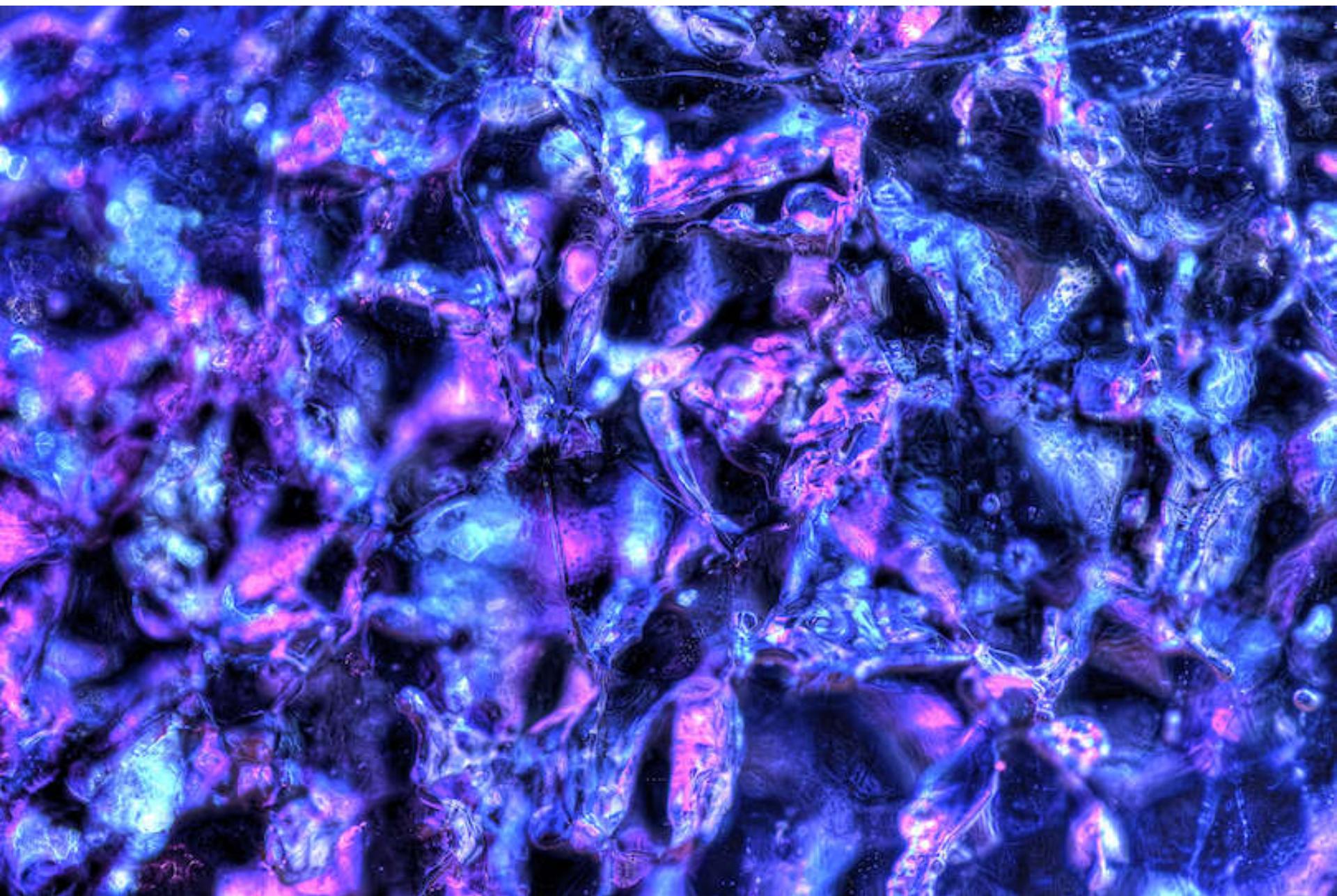


# Color

- Color naturally attracts our attention







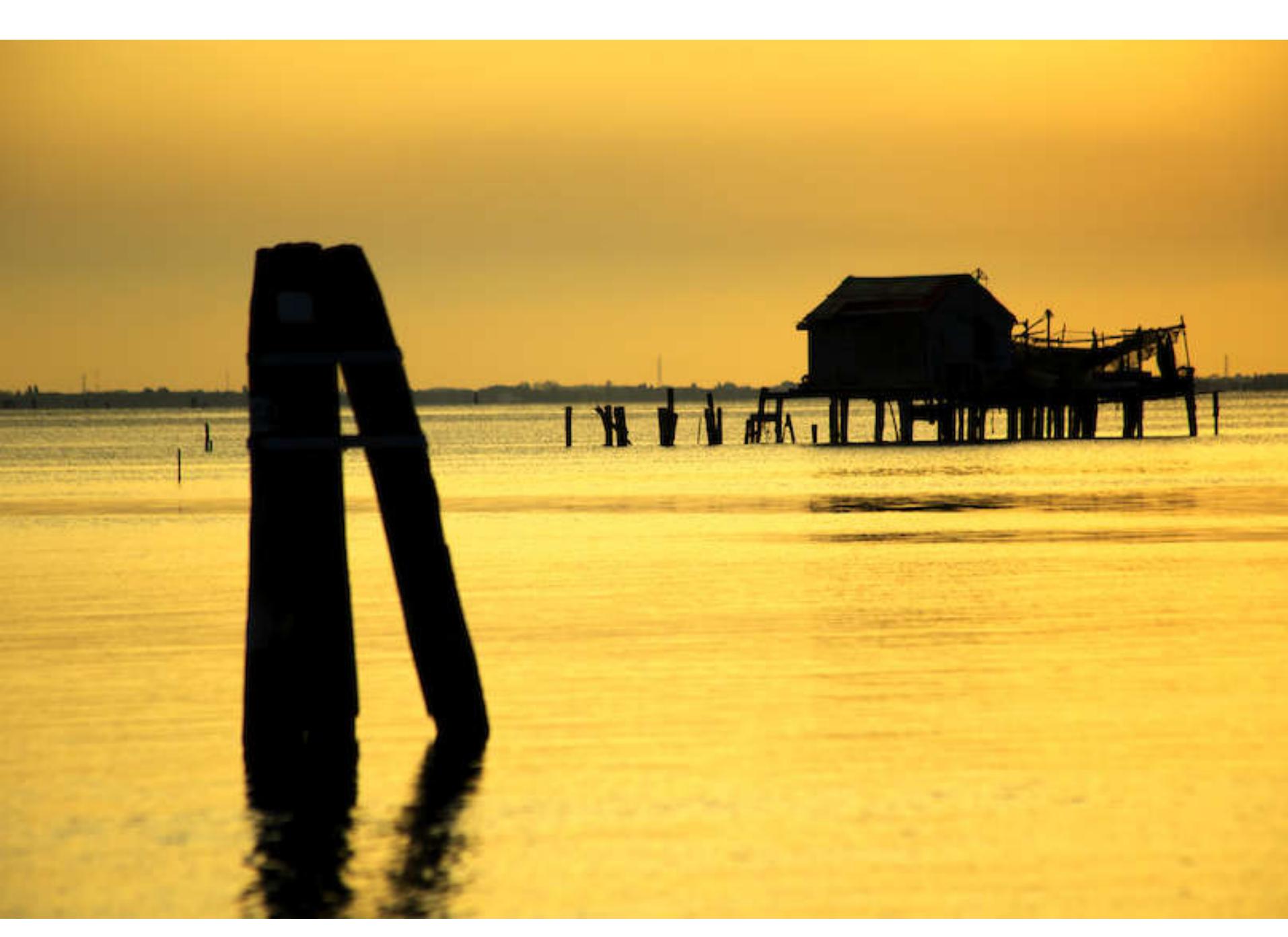
# Principles of Design

- The arrangement of the elements can create artistic, engaging and uniquely powerful photographs
  - Balance
  - Emphasis
  - Proportion
  - Pattern
  - Contrast

# Balance

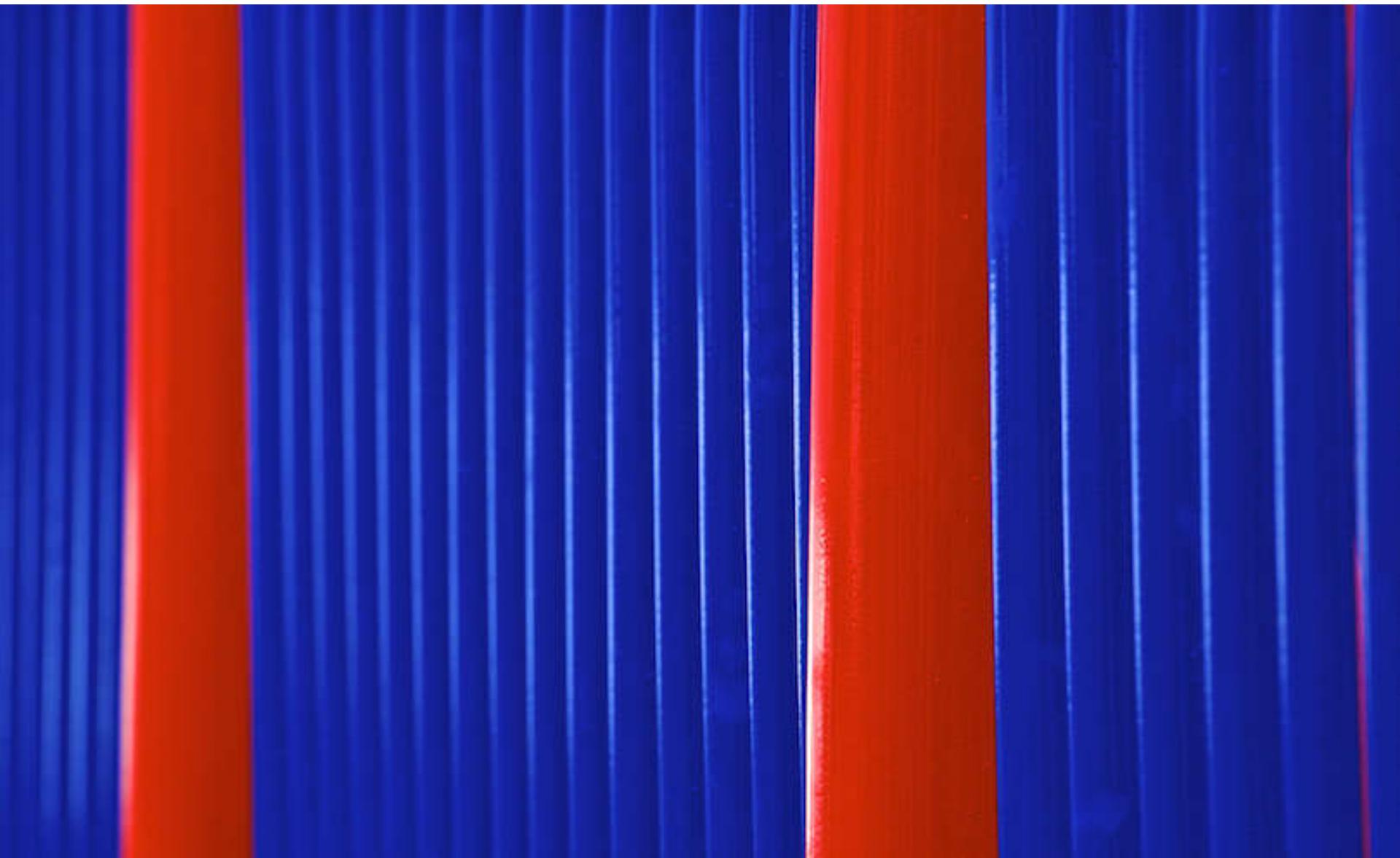








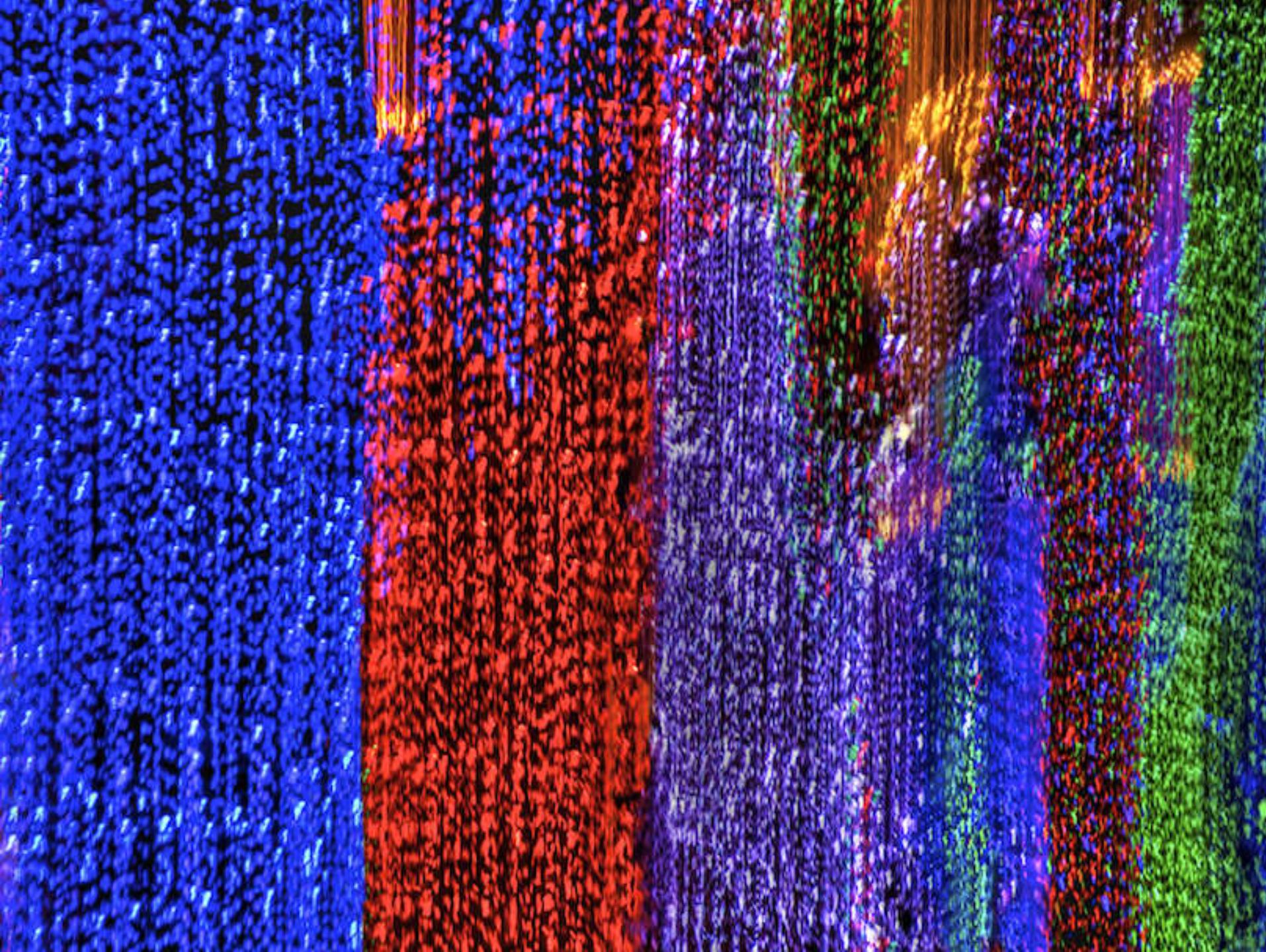
# Emphasis

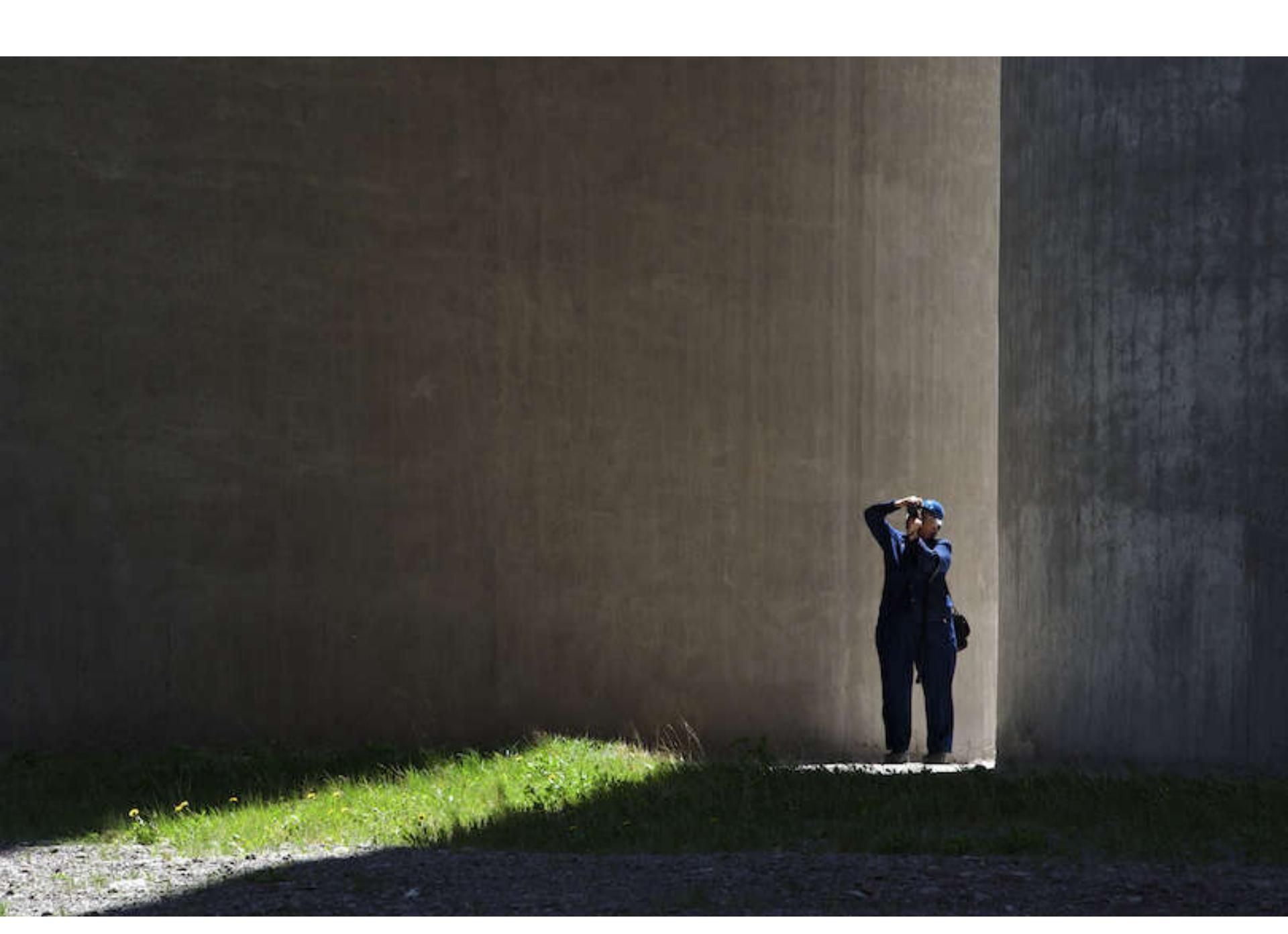




# Proportion

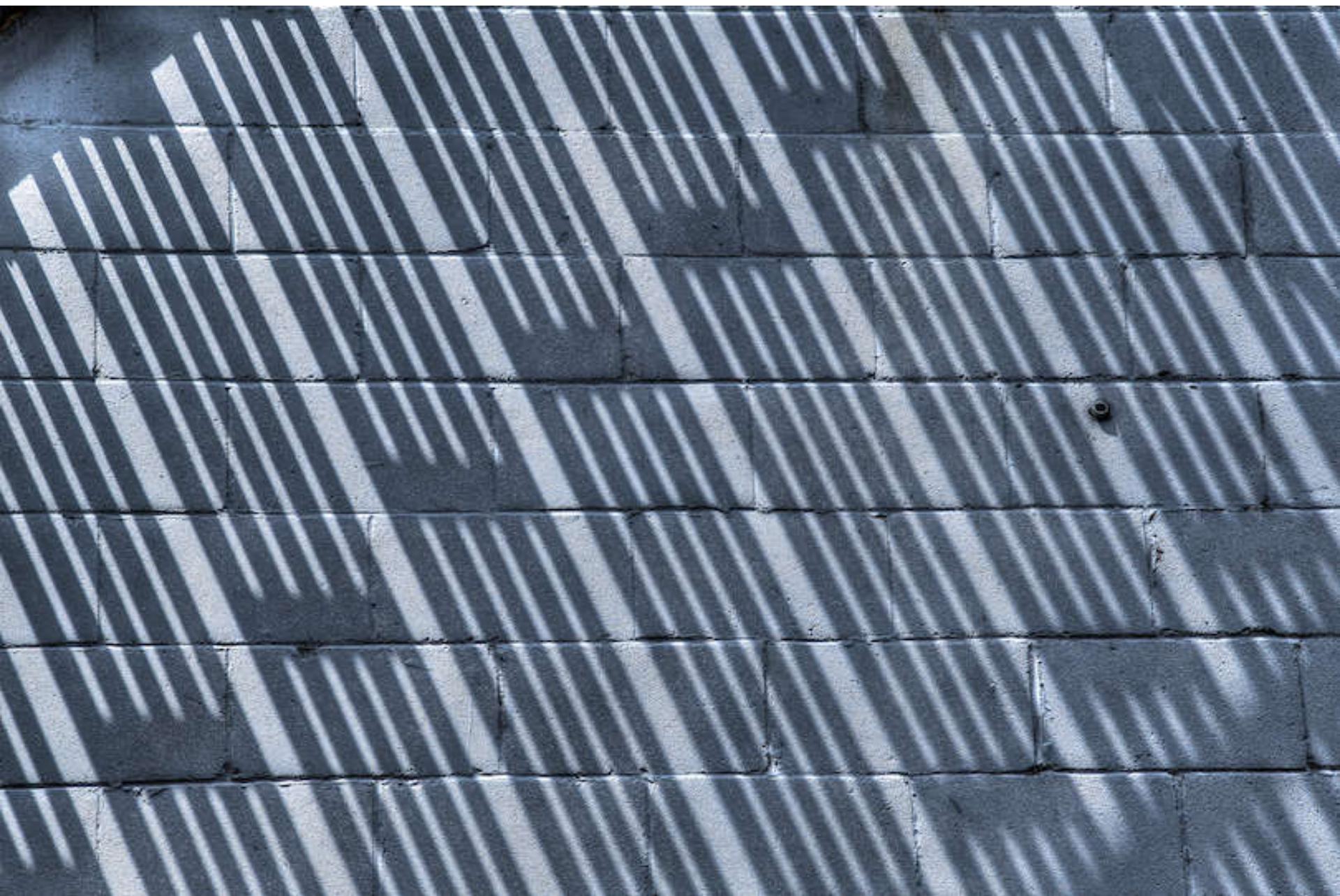






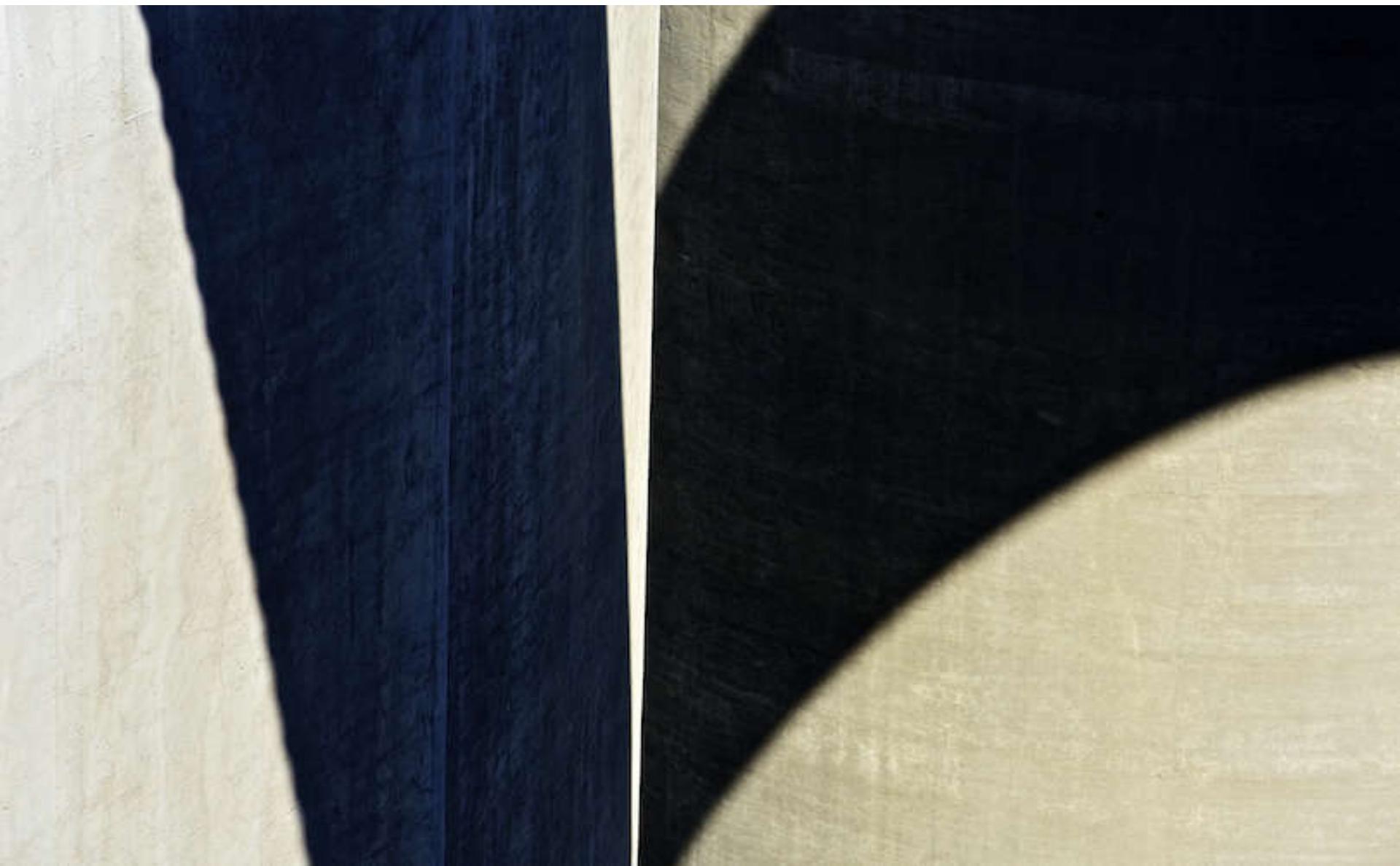
# Pattern

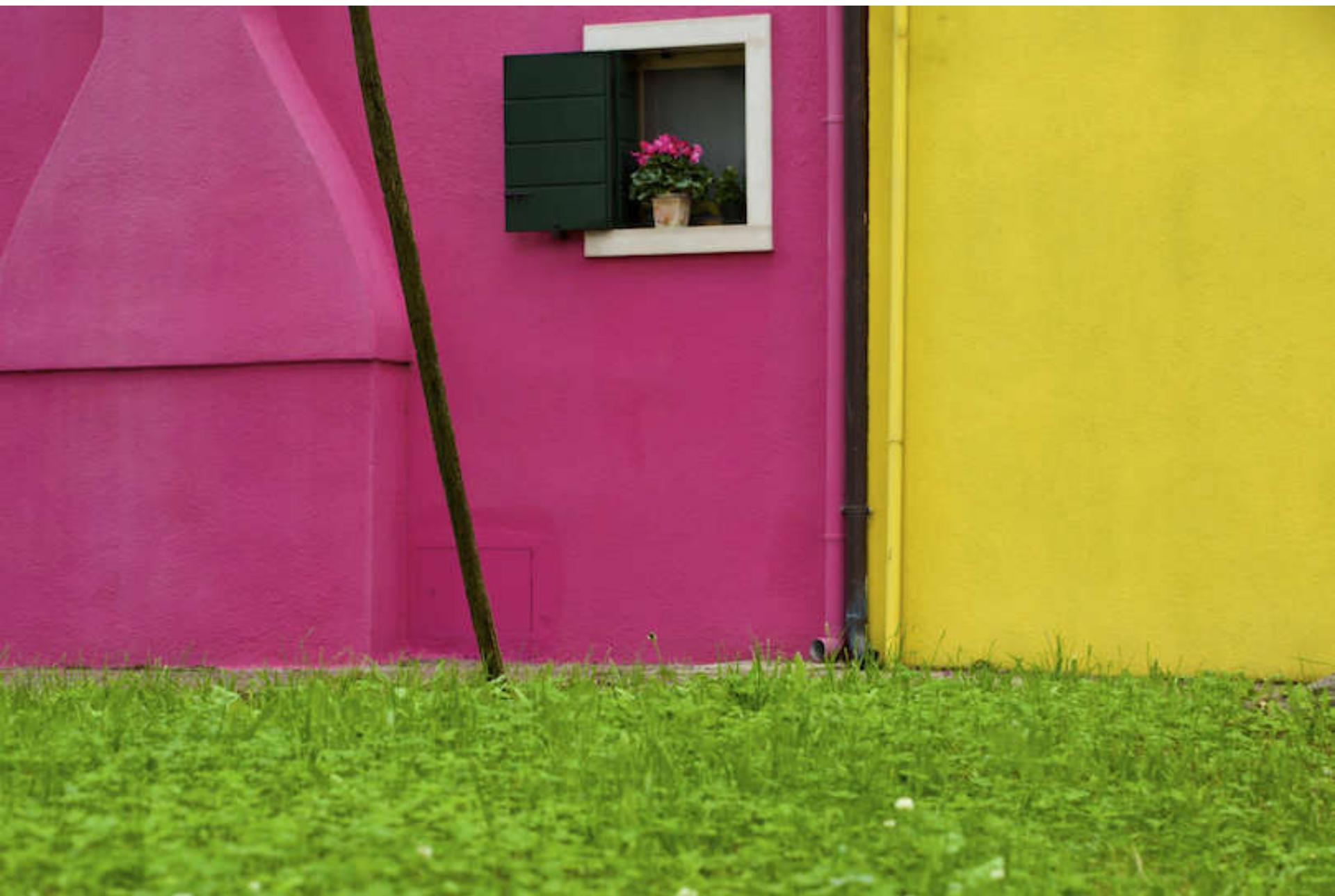






# Contrast







# Tips and Tricks

- Shoot through
- Shoot from background to foreground
- Get to the level of the subject
- Shoot from a different place than others
- WAIT!

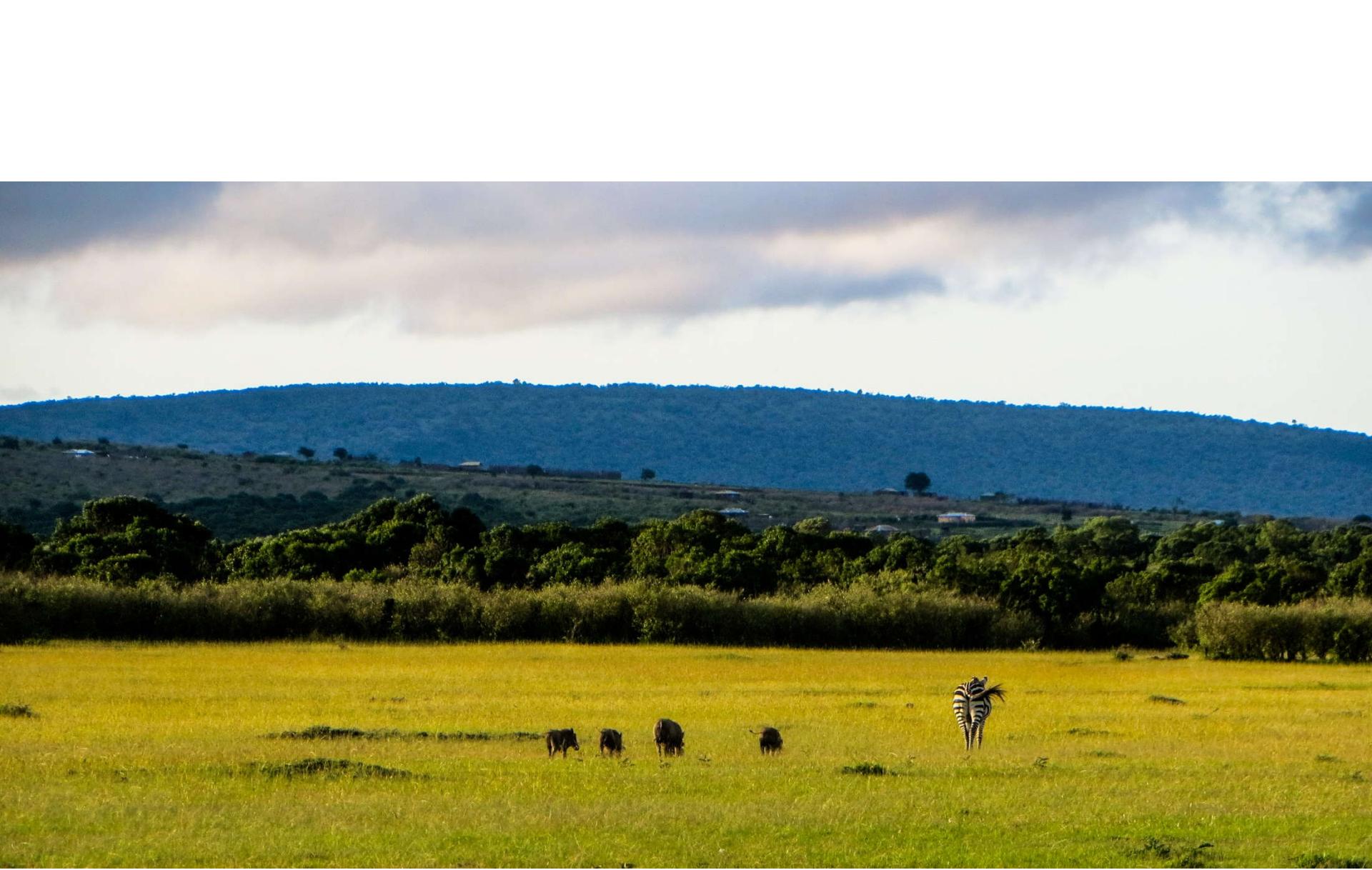






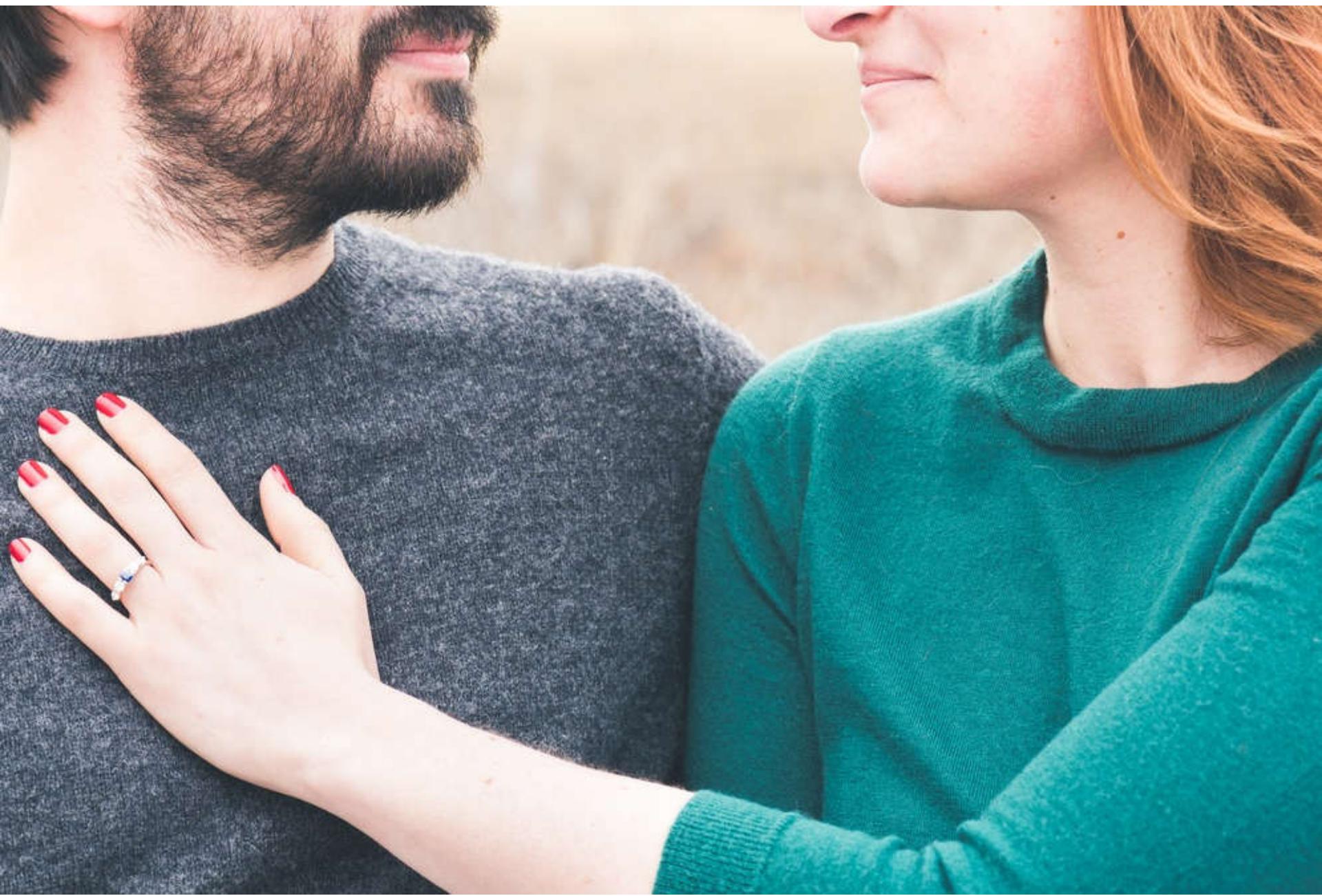




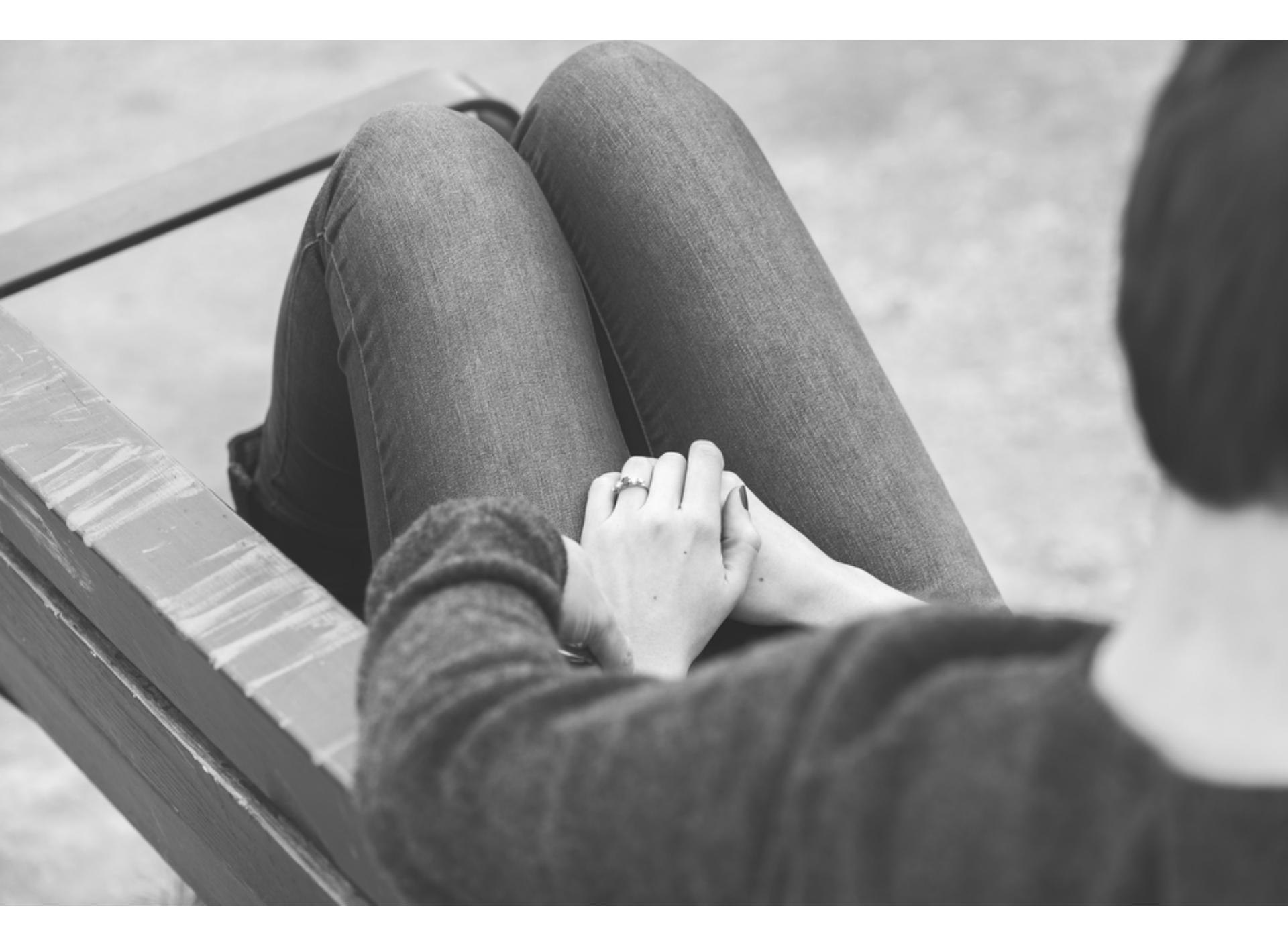


















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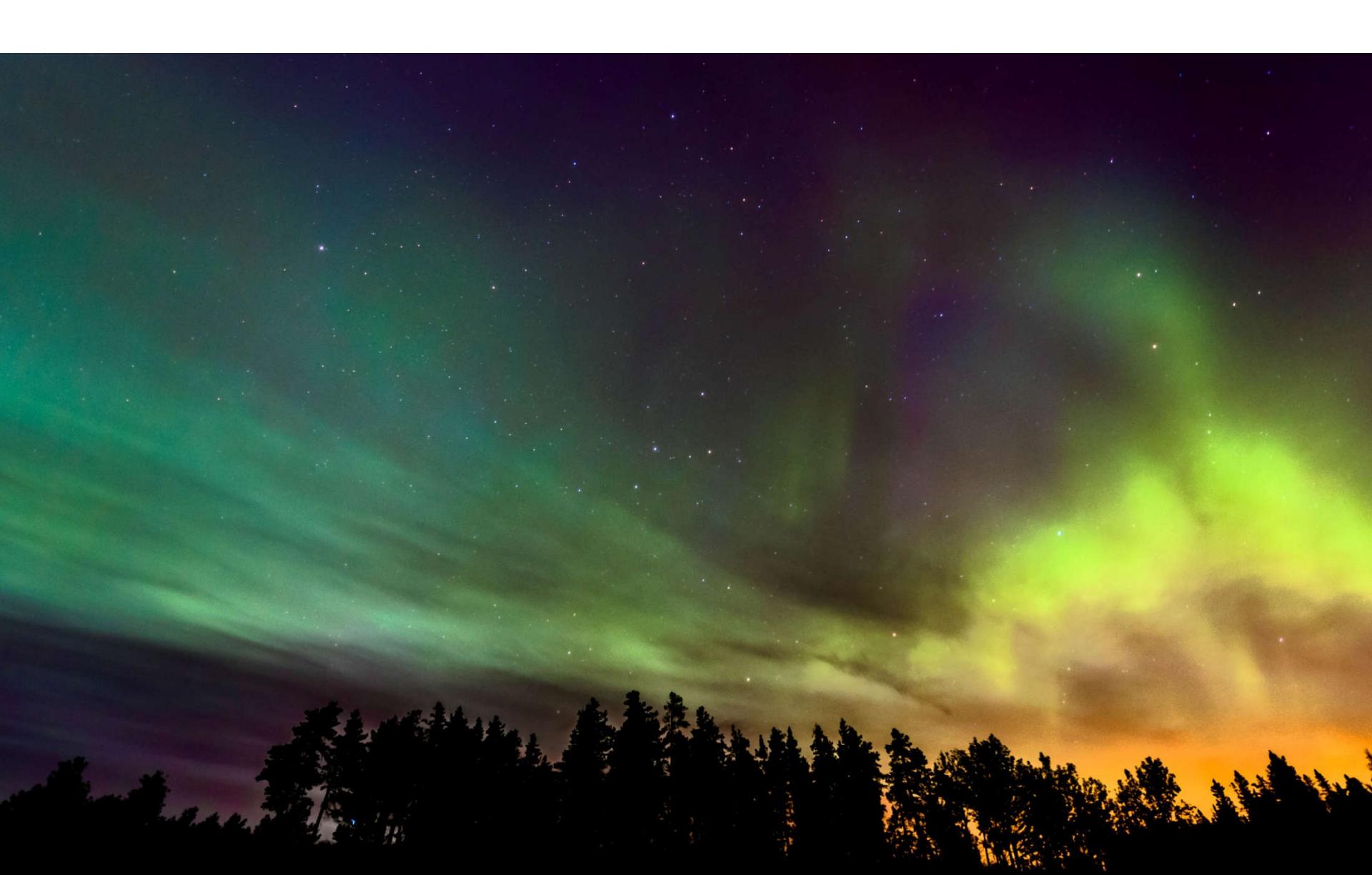
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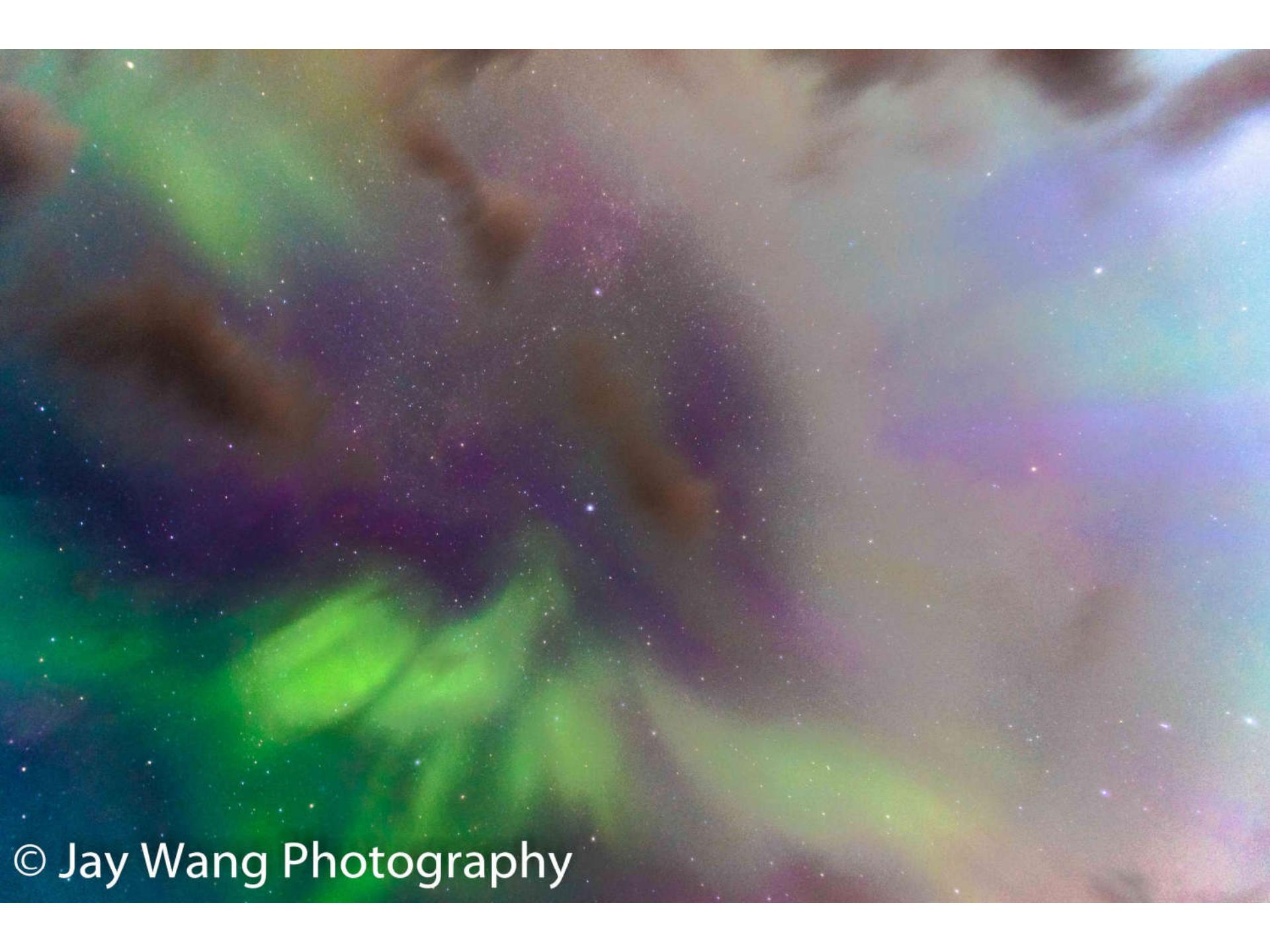
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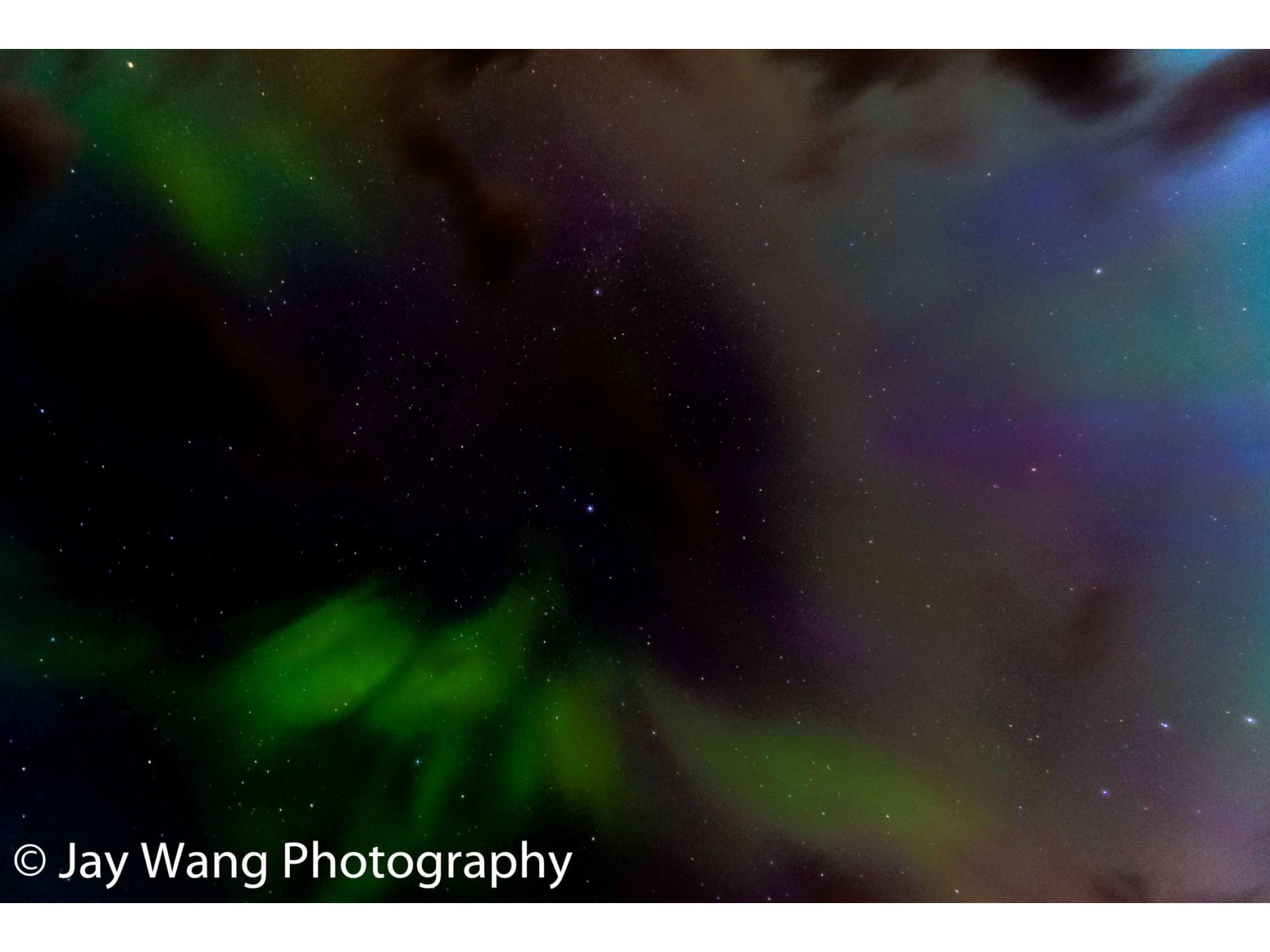
Love



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A wide-angle night sky photograph capturing a vast expanse of stars. The colors transition from deep black at the center to rich blues and purples towards the edges. Faint, wispy nebulae are visible, particularly a prominent green glow on the left side.

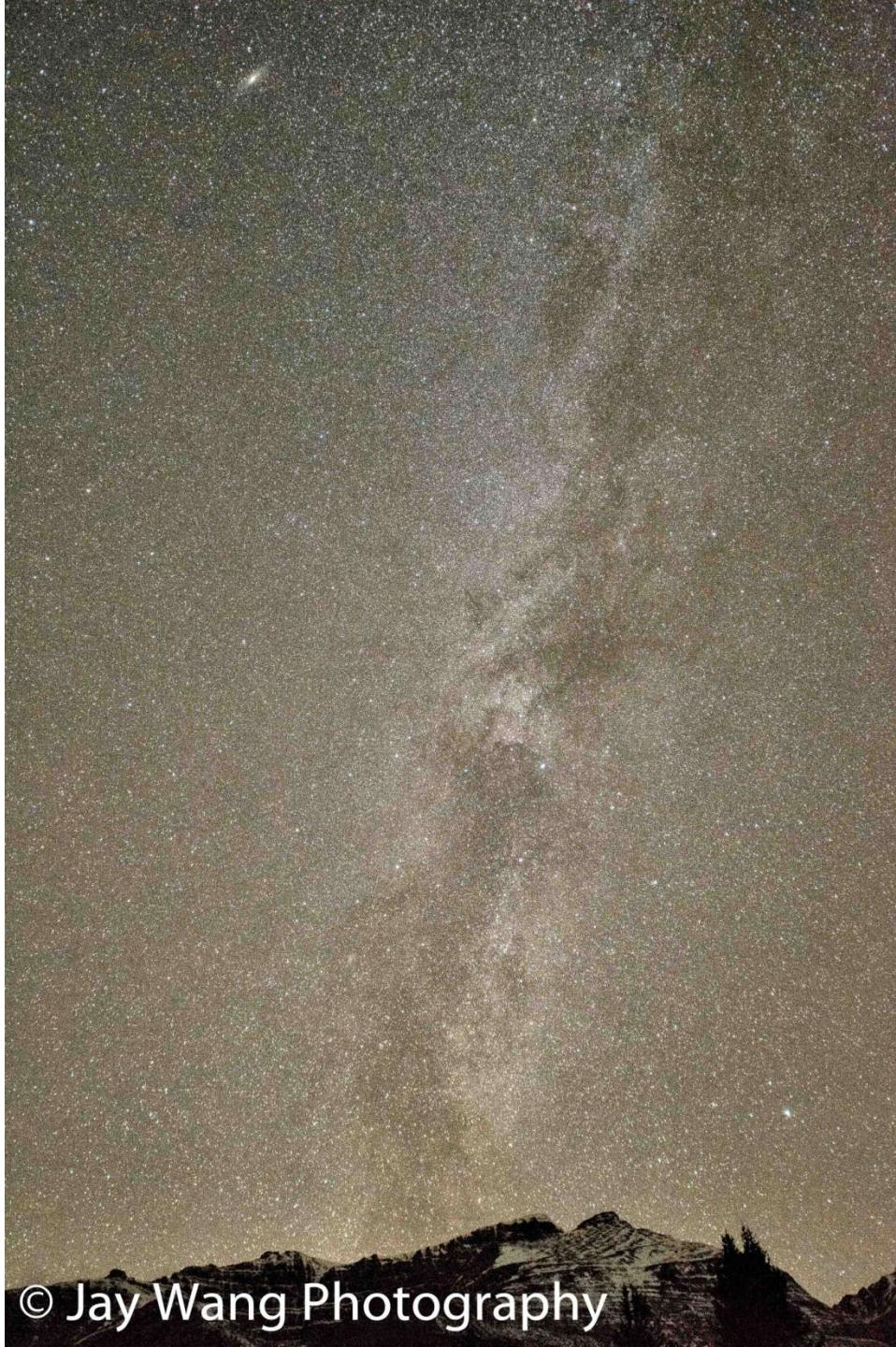
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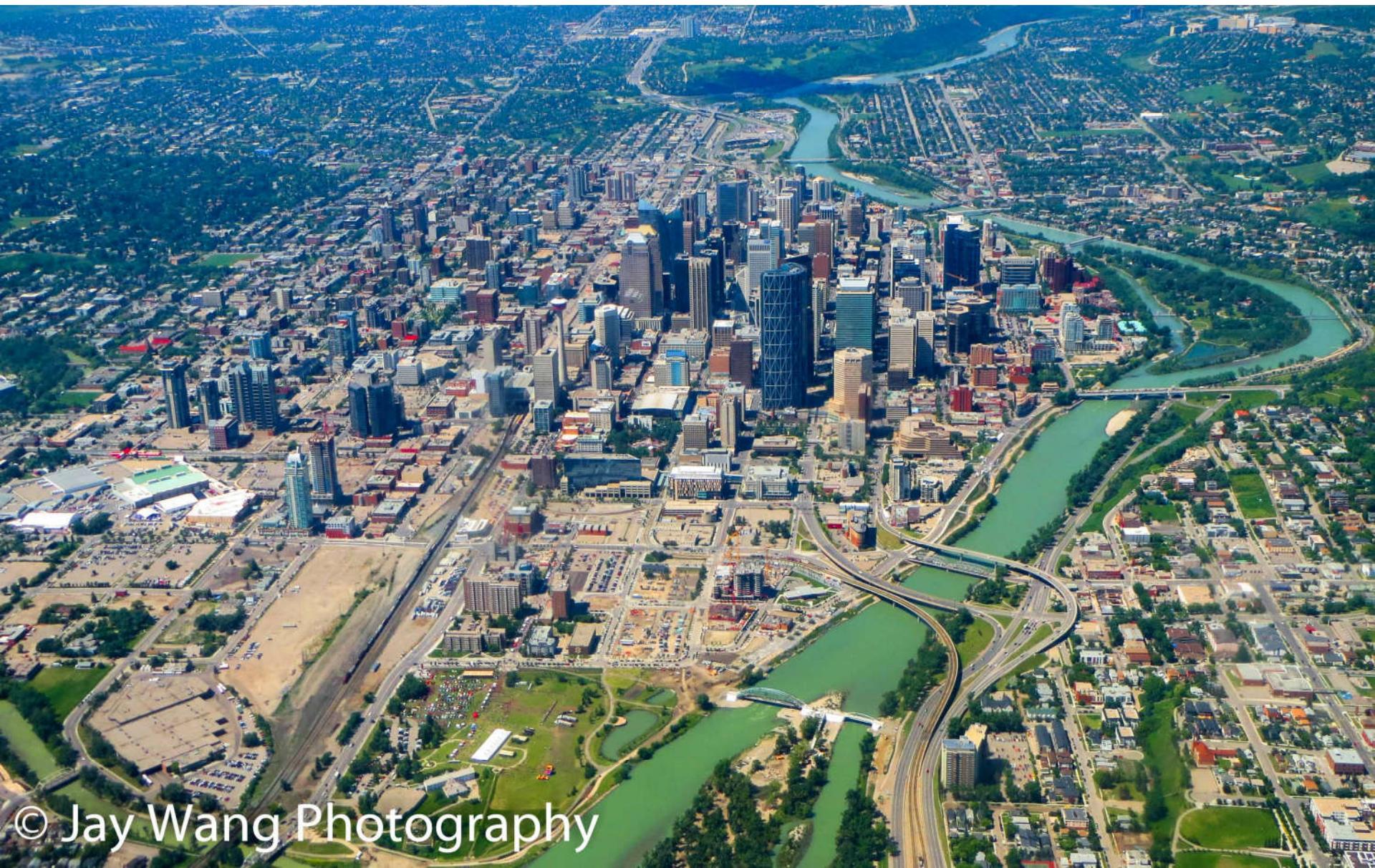
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# Three settings



F1,4    F2    F2,8    F4    F5,6    F8    F11    F16    F22    F32



1/1000    1/500    1/250    1/125    1/60    1/30    1/15    1/8    1/4    1/2



ISO 50    ISO 100    ISO 200    ISO 400    ISO 800    ISO 1600    ISO 3200    ISO 6400    ISO 12800    ISO 25600