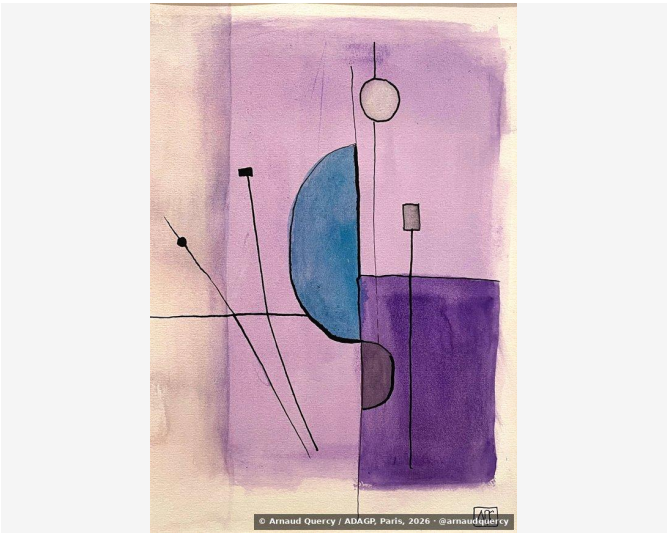


AQC1136

Nanopublication – Computational Image Analysis – AQC1136

by Arnaud Quercy · Watercolor Study in F Minor No. 5 · 2026



CLAIM 1: COMPUTATIONAL IMAGE ANALYSIS - AQC1136

Analysis record: Watercolor Study in F Minor No. 5 (AQC1136) ^[1] by Arnaud Quercy ^[2], per IDS-CMP-2025 ^[3]. Method: k-means. Parameters: 10 colors. Metrics: color distribution, texture, brightness, spatial patterns. Completed: 2026-10-02.

CONTEXT

Analysis performed according to IDS-CMP-2025 ^[3] includes four metric categories: (a) Color distribution via k-means (10 colors), (b) Texture analysis using Haralick features, (c) Brightness and contrast measurements, (d) Spatial pattern characterization. Source image: 3024x4032 pixels. Analysis date: 2026-10-02.

A) COLOR ANALYSIS

Rank	Color	Hex	%	Family	Name
1		9C9283	22.2	yellow-orange	gray
2		918777	18.0	yellow-orange	grey
3		AAA191	17.1	yellow-orange	steel gray
4		8B727E	13.9	red	dusty mauve
5		7C6670	9.5	red	dusty mauve
6		B8B1A3	7.1	yellow-orange	steel gray
7		40274D	5.2	red-violet	dusty mauve
8		444B66	3.4	blue-violet	grayish purple
9		655142	2.7	orange	dark brown
10		0B0409	0.9	black	black
11		17455D	0.3	blue	darkslategray [Accent]

Color Families:

Family	%
yellow-orange	64.4
red	23.4
red-violet	5.2
blue-violet	3.4
orange	2.7
black	0.9
blue	0.3

Accent Colors:

Hex	Family	Name	Chroma
17455D	blue	darkslategray	20.2

B) TEXTURE ANALYSIS

Metric	Value
Global Roughness	0.13
Mean Local Roughness	0.017
Roughness Uniformity	0.009
Edge Density	0.02
Mean Gradient Magnitude	0.109
Gradient Variance	0.014
Gradient Smoothness	0.0
Directional Coherence	0.006
Pattern Complexity	0.135
Pattern Repetition	1.0
Detail Frequency Ratio	0.64
Spatial Variation	0.09
Texture Consistency	0.622

C) BRIGHTNESS & CONTRAST ANALYSIS

Metric	Value
Mean Brightness	0.523
Brightness Variance	0.13
Brightness Uniformity	0.751
Brightness Skewness	-1.274
Brightness Entropy	6.792
Rms Contrast	0.13
Michelson Contrast	1.0
Weber Contrast	0.494
Mean Local Contrast	0.016
Contrast Uniformity	0.376
Dynamic Range	0.957
Effective Dynamic Range	0.447
Shadow Percentage	9.968
Midtone Percentage	81.316
Highlight Percentage	8.716
Shadow Clipping	0.036
Highlight Clipping	0.0
Tonal Balance	0.0
Fine Contrast	0.013
Medium Contrast	0.02
Coarse Contrast	0.025
Multiscale Contrast Ratio	0.525
Edge Contrast	0.109
Contrast Clustering	0.378

D) SPATIAL DISTRIBUTION ANALYSIS

Metric	Value
Spatial Coherence	0.731
Color Clustering	0.823
Color Transition Smoothness	0.715
Transition Uniformity	0.894
Sharp Transition Ratio	0.1
Transition Directionality	0.005
Mean Saturation	0.2
Saturation Variance	0.014
Low Saturation Ratio	0.89
Medium Saturation Ratio	0.102
High Saturation Ratio	0.008
Saturation Clustering	0.999
Hue Concentration	0.559
Complementary Balance	0.122
Analogous Dominance	0.576
Temperature Bias	0.444

Methodology

This analysis employs standardized computational methods for objective image characterization. Color extraction uses k-means clustering algorithm. Texture analysis applies Haralick feature extraction. Brightness metrics include mean, variance, and distribution analysis. Spatial patterns are characterized through coherence and clustering measurements. All methods are deterministic and reproducible. Analysis performed by Ideamorphic Studies' computational imaging systems.

REFERENCES

[1] Quercy, A. (2026). Watercolor Study in F Minor No. 5 - Catalogue Raisonné. <https://arnaudquercy.art/en/catalogue-raisonne/AQC1136.html>

[2] Quercy, A. (2025). ORCID <https://orcid.org/0009-0000-2662-7790>

[3] Quercy, A. (2026). Computational Image Analysis Standard. <https://ideamorphism.org/en/measurements/2025/11/ids-cmp-2025-computational-image-analysis-standard-5dq9.html>

WHERE THIS WORK LIVES

Series: F minor
Collection: Harmonic Crossing

EPISTEMIC PROFILE

Claim type	computational analysis
Voice	third person
Epistemic status	empirical measurement
Methodology	computational analysis
Certainty	high

CHECKSUM (SHA-256)

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