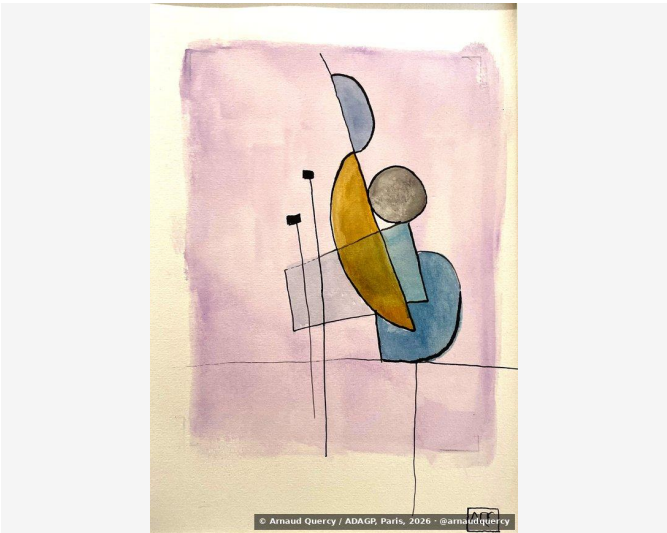


AQC1134

Nanopublication – Computational Image Analysis – AQC1134

by Arnaud Quercy · Watercolor Study in Ab Minor No. 1 · 2026



CLAIM 1: COMPUTATIONAL IMAGE ANALYSIS - AQC1134

Analysis record: Watercolor Study in Ab Minor No. 1 (AQC1134) ^[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		8B7F76	24.2	orange	gray
2		80756C	21.4	orange	grey
3		958B80	17.8	orange	lightslategray
4		B0AC9D	13.3	yellow	steel gray
5		A39C8C	9.0	yellow-orange	rosybrown
6		746C5F	8.6	yellow-orange	dimgray
7		47555B	1.9	blue	darkslategray
8		674E10	1.5	yellow-orange	russet
9		54483A	1.5	orange	dark brown
10		0F0A09	0.9	black	black

Color Families:

Family	%
orange	64.9
yellow-orange	19.0
yellow	13.3
blue	1.9
black	0.9

B) TEXTURE ANALYSIS

Metric	Value
Global Roughness	0.1
Mean Local Roughness	0.014
Roughness Uniformity	0.008
Edge Density	0.004
Mean Gradient Magnitude	0.086
Gradient Variance	0.011
Gradient Smoothness	0.0
Directional Coherence	0.01
Pattern Complexity	0.138
Pattern Repetition	1.0
Detail Frequency Ratio	0.628
Spatial Variation	0.069
Texture Consistency	0.582

C) BRIGHTNESS & CONTRAST ANALYSIS

Metric	Value
Mean Brightness	0.521
Brightness Variance	0.1
Brightness Uniformity	0.808
Brightness Skewness	-0.999
Brightness Entropy	6.414
Rms Contrast	0.1
Michelson Contrast	1.0
Weber Contrast	0.349
Mean Local Contrast	0.012
Contrast Uniformity	0.283
Dynamic Range	0.855
Effective Dynamic Range	0.318
Shadow Percentage	4.084
Midtone Percentage	87.056
Highlight Percentage	8.86
Shadow Clipping	0.015
Highlight Clipping	0.0
Tonal Balance	0.0
Fine Contrast	0.011
Medium Contrast	0.015
Coarse Contrast	0.019
Multiscale Contrast Ratio	0.56
Edge Contrast	0.086
Contrast Clustering	0.418

D) SPATIAL DISTRIBUTION ANALYSIS

Metric	Value
Spatial Coherence	0.75
Color Clustering	0.74
Color Transition Smoothness	0.777
Transition Uniformity	0.919
Sharp Transition Ratio	0.1
Transition Directionality	0.01
Mean Saturation	0.167
Saturation Variance	0.012
Low Saturation Ratio	0.963
Medium Saturation Ratio	0.02
High Saturation Ratio	0.017
Saturation Clustering	0.999
Hue Concentration	0.802
Complementary Balance	0.033
Analogous Dominance	0.893
Temperature Bias	0.808

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 Ab Minor No. 1 - Catalogue Raisonné. <https://arnaudquercy.art/en/catalogue-raisonne/AQC1134.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: Ab 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)

1b34c0ccb85cc1bdfe3c8c1b877a85c362ed0ec2e20d5e5ea67ea14896b9e01f

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Artist Arnaud Quercy

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