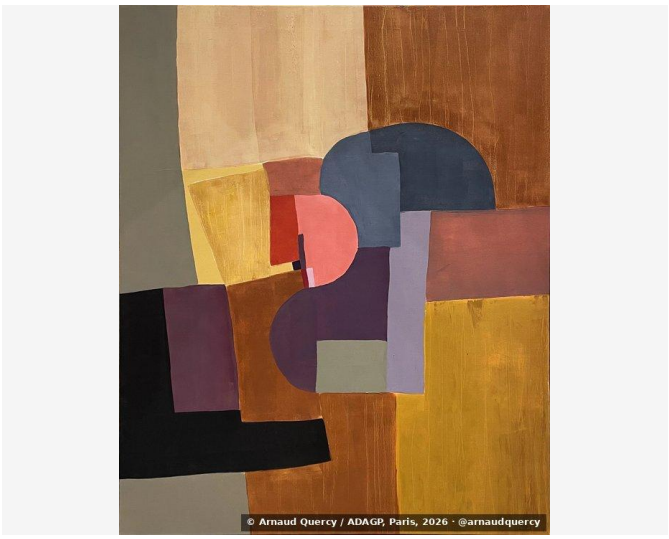
AQC1093

Nanopublication — Computational Image Analysis - AQC1093

by Arnaud Quercy · Stirring the Ice at a Café Terrace · 2026



CLAIM 1: COMPUTATIONAL IMAGE ANALYSIS - AQC1093

The artwork Stirring the Ice at a Café Terrace (AQC1093) [1] by Arnaud Quercy [2] underwent comprehensive computational analysis [3] on 2026-08-29. Method: k-means clustering with 10 colors extracted. Metrics documented: color distribution, texture analysis, brightness/ contrast, spatial patterns.

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: 2183x2691 pixels. Analysis date: 2026-08-29.

A) COLOR ANALYSIS

Rank	Color	Hex	%	Family	Name
1		89491F	20.7	orange	russet
2		D6AF7D	13.7	yellow-orange	burlywood
3		B37B23	13.0	yellow-orange	darkgoldenrod
4		493542	11.3	red-violet	dusty mauve
5		796F5D	11.3	yellow-orange	dimgray
6		9A5A41	9.3	orange	burnt sienna
7		141111	8.0	black	black
8		DC9459	5.3	orange	sandybrown
9		93888A	4.5	gray	gray
10		52596B	2.8	blue-violet	grayish purple
11		E5867E	0.3	red-orange	lightcoral [Accent]

Color Families:

Family	%
yellow-orange	38.0
orange	35.3
red-violet	11.3
black	8.0
gray	4.5
blue-violet	2.8
red-orange	0.3

Accent Colors:

Hex	Family	Name	Chroma
E5867E	red-orange	lightcoral	40.3

B) TEXTURE ANALYSIS

Metric	Value
Global Roughness	0.179
Mean Local Roughness	0.018
Roughness Uniformity	0.017
Edge Density	0.036
Mean Gradient Magnitude	0.118
Gradient Variance	0.026
Gradient Smoothness	0.0
Directional Coherence	0.008
Pattern Complexity	0.131
Pattern Repetition	1.0
Detail Frequency Ratio	0.662
Spatial Variation	0.125
Texture Consistency	0.62

C) BRIGHTNESS & CONTRAST ANALYSIS

Metric	Value
Mean Brightness	0.426
Brightness Variance	0.179
Brightness Uniformity	0.58
Brightness Skewness	-0.044
Brightness Entropy	7.246
Rms Contrast	0.179
Michelson Contrast	1.0
Weber Contrast	0.684
Mean Local Contrast	0.017
Contrast Uniformity	0.029
Dynamic Range	0.996
Effective Dynamic Range	0.647
Shadow Percentage	27.249
Midtone Percentage	58.65
Highlight Percentage	14.101
Shadow Clipping	0.001
Highlight Clipping	0.0
Tonal Balance	0.048
Fine Contrast	0.012
Medium Contrast	0.021
Coarse Contrast	0.026
Multiscale Contrast Ratio	0.445
Edge Contrast	0.118
Contrast Clustering	0.38

D) SPATIAL DISTRIBUTION ANALYSIS

Metric	Value
Spatial Coherence	0.747
Color Clustering	0.613
Color Transition Smoothness	0.693
Transition Uniformity	0.829
Sharp Transition Ratio	0.1
Transition Directionality	0.009
Mean Saturation	0.494
Saturation Variance	0.065
Low Saturation Ratio	0.295
Medium Saturation Ratio	0.385
High Saturation Ratio	0.32
Saturation Clustering	0.999
Hue Concentration	0.816
Complementary Balance	0.067
Analogous Dominance	0.907
Temperature Bias	0.865

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). Stirring the Ice at a Café Terrace – Catalogue Raisonné. https://arnaudquercy.art/en/catalogue-raisonne/AQC1093.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

EPISTEMIC PROFILE

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

CHECKSUM (SHA-256)

7f5d770790116376c87bbaff82ff648ec35d1a3ba6c865c86032245cc35efe3f

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