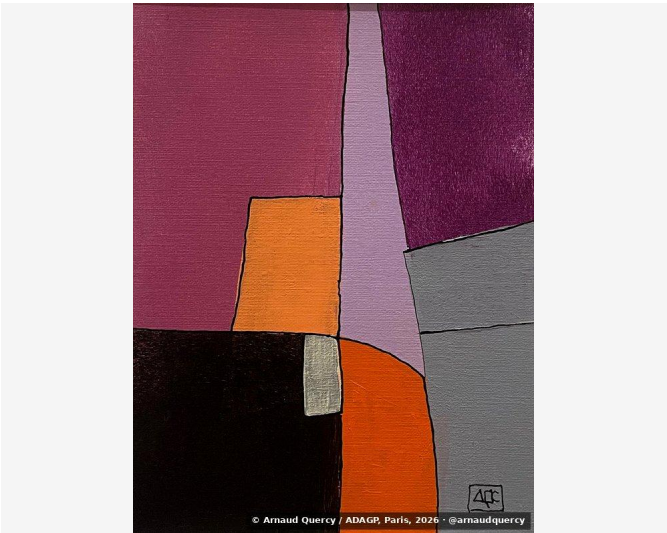


AQC1128

Nanopublication – Computational Image Analysis – AQC1128

by Arnaud Quercy · Bb Major - Research on Harmony - Variations 18 · 2026



CLAIM 1: COMPUTATIONAL IMAGE ANALYSIS - AQC1128

The artwork Bb Major - Research on Harmony - Variations 18 (AQC1128) [1] by Arnaud Quercy [2] underwent comprehensive computational analysis [3] on 2026-10-02. 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: 3024x4032 pixels. Analysis date: 2026-10-02.

A) COLOR ANALYSIS

Rank	Color	Hex	%	Family	Name
1		C4B5A3	23.5	yellow-orange	tan
2		B3A492	20.2	yellow-orange	rosybrown
3		9F9082	17.7	orange	gray
4		564E44	8.8	yellow-orange	dark brown
5		7B6E68	8.7	orange	dimgray
6		763449	7.4	red	brown
7		130C0A	4.4	black	black
8		4D1B35	4.1	red	very dark red
9		AD4E16	3.1	orange	burnt sienna
10		E7E0D1	2.1	yellow-orange	gainsboro

Color Families:

Family	%
yellow-orange	54.6
orange	29.5
red	11.5
black	4.4

B) TEXTURE ANALYSIS

Metric	Value
Global Roughness	0.201
Mean Local Roughness	0.022
Roughness Uniformity	0.014
Edge Density	0.085
Mean Gradient Magnitude	0.151
Gradient Variance	0.027
Gradient Smoothness	0.0
Directional Coherence	0.008
Pattern Complexity	0.138
Pattern Repetition	1.0
Detail Frequency Ratio	0.652
Spatial Variation	0.146
Texture Consistency	0.588

C) BRIGHTNESS & CONTRAST ANALYSIS

Metric	Value
Mean Brightness	0.533
Brightness Variance	0.201
Brightness Uniformity	0.624
Brightness Skewness	-0.746
Brightness Entropy	7.264
Rms Contrast	0.201
Michelson Contrast	1.0
Weber Contrast	0.645
Mean Local Contrast	0.022
Contrast Uniformity	0.29
Dynamic Range	1.0
Effective Dynamic Range	0.612
Shadow Percentage	21.849
Midtone Percentage	43.924
Highlight Percentage	34.227
Shadow Clipping	0.005
Highlight Clipping	0.0
Tonal Balance	0.0
Fine Contrast	0.015
Medium Contrast	0.027
Coarse Contrast	0.034
Multiscale Contrast Ratio	0.445
Edge Contrast	0.151
Contrast Clustering	0.412

D) SPATIAL DISTRIBUTION ANALYSIS

Metric	Value
Spatial Coherence	0.753
Color Clustering	0.701
Color Transition Smoothness	0.615
Transition Uniformity	0.812
Sharp Transition Ratio	0.1
Transition Directionality	0.008
Mean Saturation	0.263
Saturation Variance	0.037
Low Saturation Ratio	0.802
Medium Saturation Ratio	0.15
High Saturation Ratio	0.048
Saturation Clustering	0.999
Hue Concentration	0.893
Complementary Balance	0.0
Analogous Dominance	0.99
Temperature Bias	1.0

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). Bb Major - Research on Harmony - Variations 18 - Catalogue Raisonné. <https://arnaudquercy.art/en/catalogue-raisonne/AQC1128.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: Bb Major
Collection: Harmonic Crossing

EPISTEMIC PROFILE

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

CHECKSUM (SHA-256)

8e17bf90d2c3321e32471267d2a371184312fc592dccd657eee1cf41778d5bd3

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Artist Arnaud Quercy

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