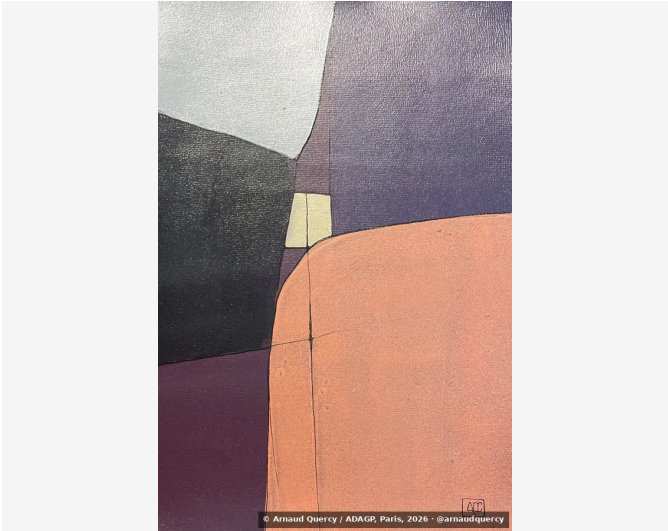


Nanopublication – Computational Image Analysis –
AQC0971

by Arnaud Quercy · G minor 7 – Research on Harmony – Variation 2 · 2026



CLAIM 1: COMPUTATIONAL IMAGE ANALYSIS – AQC0971

The artwork G minor 7 – Research [1] on Harmony – Variation 2 (AQC0971) [2] by Arnaud Quercy [2] underwent comprehensive computational analysis [3] on 2026-03-05. Method: k-means clustering with 10 colors extracted. Metrics documented: color distribution, texture analysis, brightness/contrast, spatial patterns.

CONTEXT

Analysis performed according to MMIDS-CMP-2025 [3] includes four metric categories: (1) Color distribution via k-means (10 colors), (2) Texture analysis using Haralick features, (3) Brightness and contrast measurements, (4) Spatial pattern characterization. Source image [5]: 1882x2823 pixels. Analysis date: 2026-03-05.

COLOR ANALYSIS

Rank	Color	Hex	%	Family	Name
1		DE967A	17.0	orange	darksalmon
2		503945	14.4	red	dusty mauve
3		EEA68A	12.6	orange	lightsalmon
4		625A6A	10.3	violet	dusty mauve
5		CAC8C2	10.3	white	silver
6		CC8469	8.6	orange	peru
7		302E32	8.2	gray	darkslategray
8		807784	7.6	red-violet	dusty mauve
9		EBEAE5	5.8	white	white
10		A299A3	5.3	red-violet	steel gray
11		4E1D13	0.3	red-orange	very dark red [Accent]

Color Families:

Family	%
orange	38.2
white	16.1
red	14.4
red-violet	12.9
violet	10.3
gray	8.2
red-orange	0.3

Accent Colors:

Hex	Family	Name	Chroma
4E1D13	red-orange	very dark red	28.4

TEXTURE ANALYSIS

Metric	Value
Global Roughness	0.221
Mean Local Roughness	0.048
Roughness Uniformity	0.031
Edge Density	0.28
Mean Gradient Magnitude	0.355
Gradient Variance	0.119
Gradient Smoothness	0.028
Directional Coherence	0.009
Pattern Complexity	0.129
Pattern Repetition	1.0
Detail Frequency Ratio	0.675
Spatial Variation	0.171
Texture Consistency	0.517

BRIGHTNESS & CONTRAST ANALYSIS

Metric	Value
Mean Brightness	0.549
Brightness Variance	0.221
Brightness Uniformity	0.598
Brightness Skewness	-0.247
Brightness Entropy	7.573
Rms Contrast	0.221
Michelson Contrast	1.0
Weber Contrast	0.716
Mean Local Contrast	0.05
Contrast Uniformity	0.349
Dynamic Range	1.0
Effective Dynamic Range	0.678
Shadow Percentage	24.169
Midtone Percentage	37.676
Highlight Percentage	38.154
Shadow Clipping	0.0
Highlight Clipping	0.07
Tonal Balance	0.24
Fine Contrast	0.029
Medium Contrast	0.061
Coarse Contrast	0.078
Multiscale Contrast Ratio	0.366
Edge Contrast	0.355
Contrast Clustering	0.483

SPATIAL DISTRIBUTION ANALYSIS

Metric	Value
Spatial Coherence	0.793
Color Clustering	0.837
Color Transition Smoothness	0.104
Transition Uniformity	0.251
Sharp Transition Ratio	0.1
Transition Directionality	0.01
Mean Saturation	0.26
Saturation Variance	0.034
Low Saturation Ratio	0.518
Medium Saturation Ratio	0.481
High Saturation Ratio	0.001
Saturation Clustering	0.999
Hue Concentration	0.852
Complementary Balance	0.0
Analogous Dominance	0.907
Temperature Bias	0.924

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 Multimodal Institute's computational imaging systems.

REFERENCES

[1] Arnaud Quercy (2026). G minor 7 - Research on Harmony - Variation 2 - Catalog raisonn . <https://arnaudquercy.art/en/catalogue-raisonne/AQC0971.html>

[2] Quercy, A. (2026). G minor 7 - Research on Harmony - Variation 2 - Gallery. https://artquamanima.com/en/art-works/2026/03/g-minor-7-research-on-harmony-variation-2_1ypq.html

[3] Quercy, A. (2025). Computational Image Analysis Standard - MMIDS-CMP-2025 <https://multimodal.institute/en/publications/2025/11/mmids-cmp-2025-computational-image-analysis-standard-dg1.html>

WHERE THIS WORK LIVES

THEMATIC ELEMENTS

chromesthetic mapping

G minor 7 chord

synesthetic art

piano studies

cycle of fifths

acrylic painting

harmonic color translation

contemporary synesthesia

EPISTEMIC PROFILE

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

CHECKSUM (SHA-256)

fa3f33d027cc00d403b7ba300e6cd8f96f65ccb47e81eb9cfe9e0cb3b5797ed3

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Artist	Arnaud Quercy
Date	2026
Collection	Synesthetic Explorations
Certificate	20260305-0023
Asset code	AQC0971
Identifier	NAN-COL000522
Version	1
Published	2026-03-05

ISSN: [pending – Library of Congress]

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Published by Art Quam Anima Publishing New York,
an imprint of AQA PUBLISHING LLC

c/o Northwest Registered Agent, 418 Broadway Ste N
Albany, NY 12207, USA
+1 917-764-5470

publishing.artquamanima.com

Last updated: 2026-06-03

Persistent URI: <https://multimodal.institute/en/nanopubs/2026/03/AQC0971-computational-image-analysis-aqc0971.pdf>