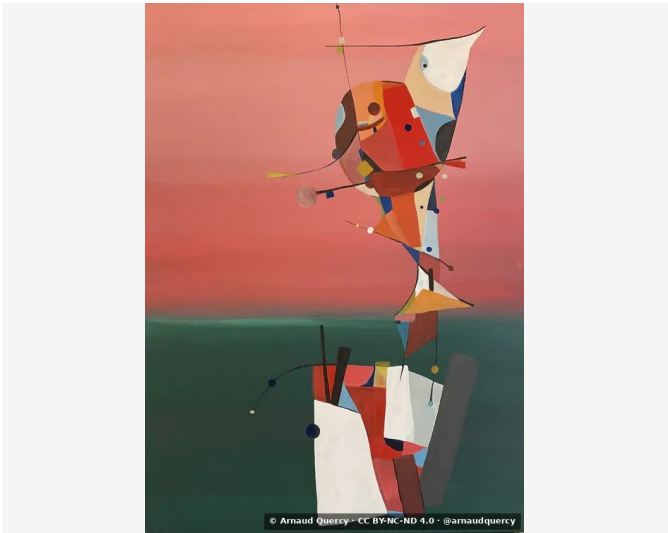


Nanopublication – Computational Image Analysis –
AQC0498

by Arnaud Quercy · L'Evasion – A Flight to Hope · 2023



CLAIM 1: COMPUTATIONAL IMAGE ANALYSIS – AQC0498

K-means clustering analysis [3] (10 colors) performed on artwork L'Evasion [1] – A Flight to Hope (AQC0498) [2] by Arnaud Quercy [2] on 2025-12-17. Documentation includes: color families, texture roughness, brightness distribution, spatial coherence.

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]: 1828x2560 pixels. Analysis date: 2025-12-17.

COLOR ANALYSIS

Rank	Color	Hex	%	Family	Name
1		DD897A	23.3	red-orange	darksalmon
2		2B4037	21.2	yellow-green	darkslategray
3		BE5C52	14.4	red-orange	indianred
4		CE7164	13.1	red-orange	peru
5		3C514D	11.3	green	darkslategrey
6		E7DFD4	5.6	yellow-orange	gainsboro
7		BA3926	3.6	red-orange	firebrick
8		7A645A	3.0	orange	dimgray
9		71362A	2.6	red-orange	russet
10		A4B0B1	1.9	gray	steel gray
11		74A1B6	0.3	blue	cadetblue [Accent]
12		2C3D74	0.3	violet	dusty mauve [Accent]
13		BDB789	0.3	yellow	tan [Accent]
14		466F93	0.3	blue-violet	grayish purple [Accent]
15		331622	0.3	red	very dark red [Accent]

Color Families:

Family	%
red-orange	57.0
yellow-green	21.2
green	11.3
yellow-orange	5.6
orange	3.0
gray	1.9
blue	0.3
violet	0.3
yellow	0.3
blue-violet	0.3
red	0.3

Accent Colors:

Hex	Family	Name	Chroma
74A1B6	blue	cadetblue	18.9
2C3D74	violet	dusty mauve	35.7
BDB789	yellow	tan	24.5
466F93	blue-violet	grayish purple	24.3
331622	red	very dark red	17.1

TEXTURE ANALYSIS

Metric	Value
Global Roughness	0.189
Mean Local Roughness	0.009
Roughness Uniformity	0.015
Edge Density	0.012
Mean Gradient Magnitude	0.061
Gradient Variance	0.025
Gradient Smoothness	0.0
Directional Coherence	0.292
Pattern Complexity	0.117
Pattern Repetition	1.0
Detail Frequency Ratio	0.604
Spatial Variation	0.131
Texture Consistency	0.29

BRIGHTNESS & CONTRAST ANALYSIS

Metric	Value
Mean Brightness	0.463
Brightness Variance	0.189
Brightness Uniformity	0.592
Brightness Skewness	0.293
Brightness Entropy	6.989
Rms Contrast	0.189
Michelson Contrast	1.0
Weber Contrast	0.655
Mean Local Contrast	0.009
Contrast Uniformity	0.0
Dynamic Range	1.0
Effective Dynamic Range	0.639
Shadow Percentage	34.12
Midtone Percentage	57.29
Highlight Percentage	8.59
Shadow Clipping	0.0
Highlight Clipping	0.002
Tonal Balance	0.0
Fine Contrast	0.005
Medium Contrast	0.011
Coarse Contrast	None
Multiscale Contrast Ratio	1.0
Edge Contrast	0.061
Contrast Clustering	0.71

SPATIAL DISTRIBUTION ANALYSIS

Metric	Value
Spatial Coherence	0.762
Color Clustering	0.654
Color Transition Smoothness	0.831
Transition Uniformity	0.836
Sharp Transition Ratio	0.1
Transition Directionality	0.286
Mean Saturation	0.418
Saturation Variance	0.028
Low Saturation Ratio	0.183
Medium Saturation Ratio	0.771
High Saturation Ratio	0.046
Saturation Clustering	1.0
Hue Concentration	0.411
Complementary Balance	0.023
Analogous Dominance	0.669
Temperature Bias	0.34

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 (2023). L'Evasion - A Flight to Hope - Catalog raisonné. <https://arnaudquercy.art/en/catalogue-raisonne/AQC0498.html>

[2] Quercy, A. (2025). Untitled - Gallery. https://artquamanima.com/en/artworks/2023/01/levasion-a-flight-to-hope_5lw.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

acrylic painting

Transcendence collection

bird-like form

Paul Éluard Liberté

warm coral tones

deep green zone

contemporary abstraction

freedom symbolism

French contemporary art

Arnaud Quercy

EPISTEMIC PROFILE

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

CHECKSUM (SHA-256)

ffc9c09d9476cb782fca3635e7ad4941bc3c9483a51f22157243c1bc6c575e6d

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Collection	Transcendence
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Version	1
Published	2026-02-03

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