

AQC1143

Nanopublication – Computational Image Analysis – AQC1143

by Arnaud Quercy · Bb Major – Research on Harmony – Variations 19 · 2026



CLAIM 1: COMPUTATIONAL IMAGE ANALYSIS – AQC1143

Analysis record: Bb Major – Research on Harmony – Variations 19 (AQC1143) ^[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		CCC1B0	29.2	yellow-orange	silver
2		BEB29F	15.9	yellow-orange	steel gray
3		B0A38D	13.3	yellow-orange	rosybrown
4		957B98	9.4	red-violet	dusty mauve
5		824157	7.7	red	dimgray
6		130C0B	7.4	black	black
7		572544	6.8	red-violet	dusty mauve
8		6C6A6F	4.9	gray	dusty mauve
9		BD601F	3.0	orange	chocolate
10		917662	2.4	orange	gray
11		FCF4D4	0.3	yellow	papayawhip [Accent]
12		672915	0.3	red-orange	russet [Accent]

Color Families:

Family	%
yellow-orange	58.4
red-violet	16.2
red	7.7
black	7.4
orange	5.4
gray	4.9
yellow	0.3
red-orange	0.3

Accent Colors:

Hex	Family	Name	Chroma
FCF4D4	yellow	papayawhip	16.1
672915	red-orange	russet	37.5

B) TEXTURE ANALYSIS

Metric	Value
Global Roughness	0.221
Mean Local Roughness	0.015
Roughness Uniformity	0.007
Edge Density	0.014
Mean Gradient Magnitude	0.094
Gradient Variance	0.011
Gradient Smoothness	0.0
Directional Coherence	0.007
Pattern Complexity	0.135
Pattern Repetition	1.0
Detail Frequency Ratio	0.627
Spatial Variation	0.144
Texture Consistency	0.561

C) BRIGHTNESS & CONTRAST ANALYSIS

Metric	Value
Mean Brightness	0.562
Brightness Variance	0.221
Brightness Uniformity	0.608
Brightness Skewness	-0.973
Brightness Entropy	7.096
Rms Contrast	0.221
Michelson Contrast	1.0
Weber Contrast	0.724
Mean Local Contrast	0.014
Contrast Uniformity	0.383
Dynamic Range	0.988
Effective Dynamic Range	0.718
Shadow Percentage	16.683
Midtone Percentage	34.775
Highlight Percentage	48.542
Shadow Clipping	0.001
Highlight Clipping	0.0
Tonal Balance	0.0
Fine Contrast	0.012
Medium Contrast	0.017
Coarse Contrast	0.022
Multiscale Contrast Ratio	0.535
Edge Contrast	0.094
Contrast Clustering	0.439

D) SPATIAL DISTRIBUTION ANALYSIS

Metric	Value
Spatial Coherence	0.795
Color Clustering	0.738
Color Transition Smoothness	0.761
Transition Uniformity	0.925
Sharp Transition Ratio	0.1
Transition Directionality	0.007
Mean Saturation	0.256
Saturation Variance	0.036
Low Saturation Ratio	0.754
Medium Saturation Ratio	0.207
High Saturation Ratio	0.039
Saturation Clustering	0.999
Hue Concentration	0.867
Complementary Balance	0.0
Analogous Dominance	0.943
Temperature Bias	0.946

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 19 - Catalogue Raisonné. <https://arnaudquercy.art/en/catalogue-raisonne/AQC1143.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)

f98d0d89672be5738d7113c5f661b4e40cfd9eac6fb3dfd490193c7a3b4597d0

Licensed under Creative Commons Attribution 4.0 International (CC BY 4.0)

Artist Arnaud Quercy
Date 2026
Collection Harmonic Crossing
Certificate 20261002-0194
Asset code AQC1143
Version 1
Published 2026-10-02

ISSN: applied for – U.S. ISSN Center, Library of Congress

© 2026 Ideamorphic Studies

Published by Art Quam Anima Publishing New York,
an assumed name of AQA Publishing LLC

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

NY DOS ID 7624376 · Assumed Name ID 7658709

publishing.artquamanima.com

Last updated: 2026-10-12

Persistent URI: <https://ideamorphism.org/en/nanopubs/2026/10/AQC1143-computational-image-analysis-aqc1143.pdf>