

Nanopublication — Computational Image Analysis - AQC0480

by Arnaud Quercy · Conversation with Alyssums · 2023

Claim 1: Computational Image Analysis - AQC0480

The artwork Conversation [1] with Alyssums (AQC0480) [2] by Arnaud Quercy [2] underwent comprehensive computational analysis [3] on 2025-10-18. 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]: 1536x2048 pixels. Analysis date: 2025-10-18.

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). Conversation with Alyssums — Catalog raisonné. <https://arnaudquercy.art/en/catalogue-raisonne/AQC0480.html>
- [2] Quercy, A. (2025). Untitled - Gallery. https://artquamanima.com/en/artworks/2023/01/conversation-with-alyssums_5ew.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>

EPISTEMIC PROFILE

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

CHECKSUM (SHA-256)

76f3c3c381fdf85ce03fde79e05786fae-b793b02a5ad249f33d42a829abe3815

Artist	Arnaud Quercy
Date	2023
Collection	Nature in the city
Certificate	20231231-0067
Asset code	AQC0480
Version	1
Published	2026-04-09

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Published by: Art Quam Anima Publishing New York LLC — publishing.artquamanima.com

Date of publication: 2026-04-09

Persistent URI: <https://multimodal.institute/en/nanopubs/2026/03/AQC0480-computational-image-analysis-aqc0480.pdf>

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