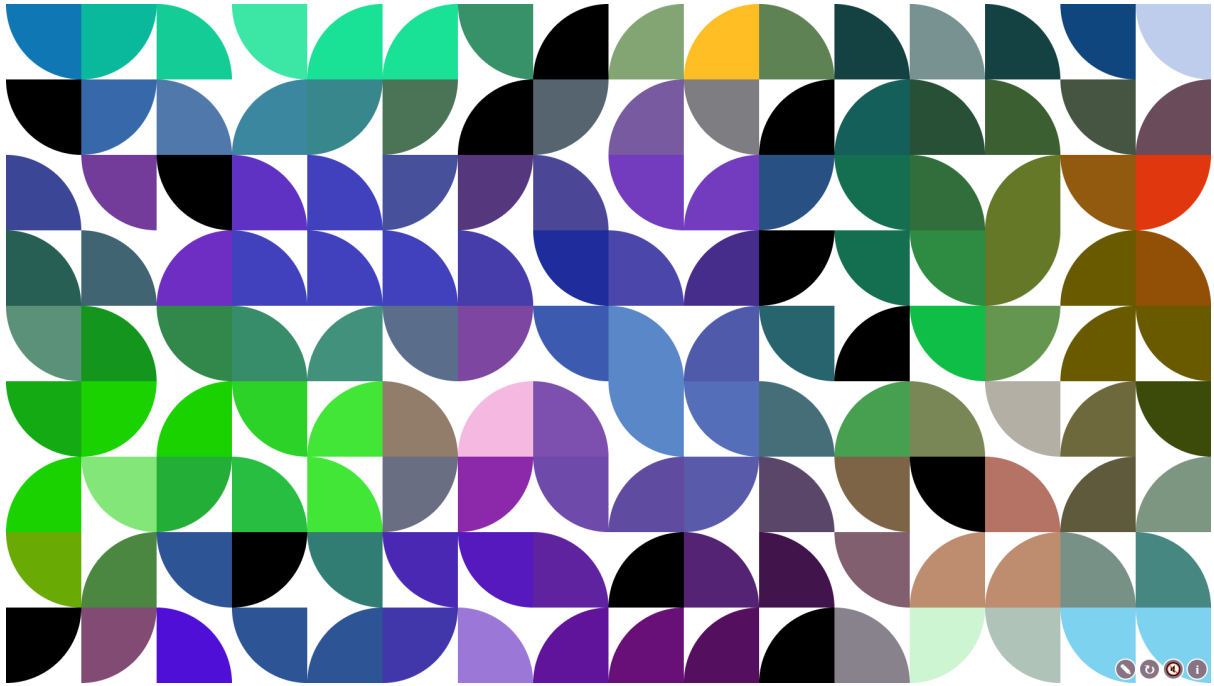# New Generations @ Digital Art Month

Quarter Round

Chris Joseph

Quarter Round is a dynamically generated geometric mosaic. The piece evolves over time, as each quarter-circle is placed in an empty grid space, with a colour based on the average hue of its adjacent neighbours, before rotating to a random orthogonal orientation. As a result each mosaic features gradual colour transitions and a texture created by the negative space around each shape.

The piece includes user controls that enable users to adjust the display and refresh speeds (changing how quickly mosaics are built and new mosaics are created), and the colour range (affecting the variety of colours used). There is also an optional sound layer that can be turned on or off, consisting of bells tuned to correspond with the colours displayed in the mosaic. This sound feature is intended to complement the visual aspect of the artwork, providing an additional layer of engagement.

The piece is built with HTML, CSS and JavaScript and is intended to run within a browser.

Chris Joseph (chrisjoseph.org) is a digital writer and artist. His past projects include 'NRG', a bicycle-powered multimedia narrative about the energy crisis; 'Inanimate Alice' (inanimatealice.com), a multi-award winning series of interactive multimedia stories created with the author Kate Pullinger; and 'Animalamina', a collection of interactive poetry for children. He is the editor of the post-dada magazine 391.org, and was the first Digital Writer in Residence at the Institute of Creative Technologies (IOCT) at De Montfort University.
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