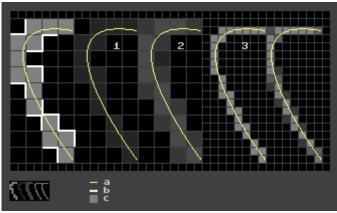
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- a) imagined continuous source signal (yellow)
- b) perceptual artifacts (white)
- c) sample (gray)

**Aliasing** refers to perceptual distortions or artifacts which are caused by sampling errors when converting a continuous source signal, as seen by the eye, the camera or as imagined, into discrete values on a fixed digital raster.

**Antialiasing** (AA) is an umbrella term for all techniques which aim to lessen the unwanted perceptual artifacts, e.g. by:

- 1. lowering contrast
- 2. averaging or inventing new sample values
- 3. increasing resolution

and others or combinations of these.

(In the example image here, aliasing also shows within the imagined continuous source signal itself.)

## further reading:

- W Aliasing
- WJaggies

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