

The examples demonstrate the optical effect of variations in dot gain in non-black process colours, where they occur in the same direction or in opposite directions. When all the values rise (upper right) or fall (lower right) by the same amount, only the brightness effect changes by comparison with the original (centre), while the colour balance remains unaffected. But where the dot gains diverge, though by the same amounts, a disturbing colour cast will occur (upper and lower left) and the colour balance is upset. For this reason, the standardisation recommends that the tolerances for dot gain ($\pm 3\%$ in middle tones and $\pm 2\%$ in the 80% patch) should not be exploited in opposite directions.

