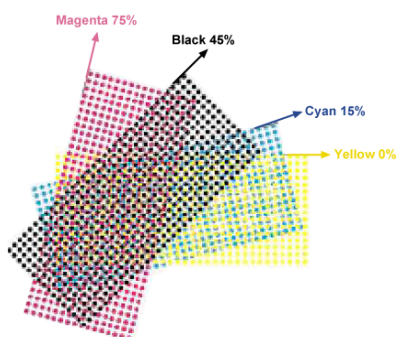


Angle



Screens for each color are oriented at specific angles to prevent moiré and other interference patterns. Moiré is an objectionable pattern caused when two or more screens overlap at certain angles.

For more information on screen angles.

See the PDF document **Screen Angle Basics**.

	Cyan	Magenta	Yellow	Black
Conventional	15	75 (-15)	90 (0)	45
Shifted	112.5 (22.5)	52.5 (-37.5)	97.5 (7.5)	-7.5
Alternate	15	75 (-25)	30	45

You can choose among three basic screen angle sets. The Alternate angle set is designed to prevent moiré in yellows, reds, and browns. However, a moiré may appear in blues or greens.

or

Y.MoireFree1	15	105	45	75
Y.MoireFree2	15	105	45	75
Y.MoireFree3	15	105	45	75

You can choose among three special fixed angle sets. These sets are designed to eliminate moiré in yellows, reds, and browns without shifting the moiré to other colors.

The angles shown in the table for these sets are only approximate. The variables of frequency, angle and resolution are not user definable for these sets. Elimination of all moiré is the result of the specific combination of all these variables.

While you cannot alter the defaults in any of these sets, You have an additional option to choose between high and low yellow frequency. High yellow frequency exposes the yellow separation at a higher frequency than the other three separations.