

Component	Approximate value (SMPTE 170M and ITU-R BT.470-6)
Y	$0.299 R' + 0.587 G' + 0.114 B'$
NTSC I	$-0.2680 (B' - Y') + 0.7358 (R' - Y')$
NTSC Q	$+0.4127 (B' - Y') + 0.4778 (R' - Y')$
PAL U	$0.493 (B' - Y')$
PAL V	$0.877 (R' - Y')$
SECAM Dr	$-1.902 (R' - Y')$
SECAM Db	$1.505 (B' - Y')$