

Colour Management based on ISO 9241-306:2018

ISO C_{YP5} : $2,5 \leq Y \leq 90$

$rgb_d = 729$ colour
device data to
device
hue data

RGB
display_{dd1}
D65, C_{YP5}

rgb'_{ddi} = visual
equally spaced
device output
($i=1,2,3$)

$g_{p1} = 0,775$
 $g_{p2} = 1,000$
 $g_{p3} = 0,475$

$[rgb_d]^{n1}$

dd₁

$\rightarrow rgb'_{dd1}$
SDR

$[rgb_d]^{n2}$
 $\rightarrow rgb'_{dd2}$
HDR

ISO
colours
AE49

dd₂

RGB
display_{dd2}
D65, C_{YP8}

dd₃

RGB
display_{dd3}
D65, C_{YP1}

$[rgb_d]^{n3}$
 $\rightarrow rgb'_{dd3}$
PDR

measure:

ISO C_{YP8} : $0,3 \leq Y \leq 90$

ISO C_{YP1} : $40 \leq Y \leq 90$