

Converting Colors

YUV(180.3060, -17.8989,
-45.8724)

Have a look what the booklet for
YUV(180.3060, -17.8989, -45.8724)
contains.

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Color

**YUV(180.3060, -17.8989,
-45.8724)**

Conversions

Conversions Part 1

Format	Color
Hex	80D690
RGB	128, 214, 144
RGB Percent	50%, 84%, 56%
CMY	0.4980, 0.1608, 0.4353
CMYK	0.40, 0.00, 0.33, 0.16
HSL	131°, 51%, 67%
HSV	131°, 40%, 84%
XYZ	37.9827, 54.6959, 34.9410
YIQ	180.3060, -28.7860, -40.0020

Conversions

Conversions Part 2

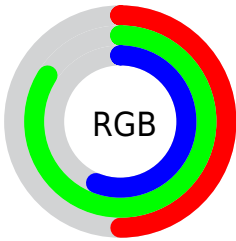
Format	Color
RYB	128, 201, 214
Decimal	8443536
CIELab	78.87, -40.62, 26.63
CIELCh	79, 48.572, 146.745
Yxy	54.6959, 0.2976, 0.4286
Android (android.graphics.Color)	4286633616 (0xFF80D690)
YUV	180.3060, -17.8989, -45.8724
Hunter-Lab	73.9567, -37.7502, 23.7580

Details

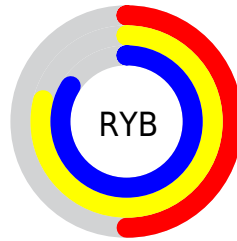
The YUV color **180.3060, -17.8989, -45.8724** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **161.6940, 17.8989, 45.8724**, and the grayscale version is **181.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **227.2730, -14.4316, -37.9504**, and **125.7620, -16.1517, -46.2723** is the 20% darker color. If you saturate the color by 10%, you get **172.0890, -22.2289, -57.0831**, and if you desaturate by 10%, it is **188.5230, -13.5688, -34.6617**.

Distribution



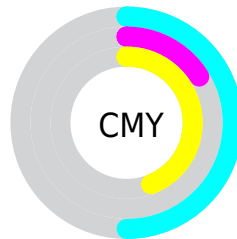
- Red (50%)
- Green (84%)
- Blue (56%)



- Red (50%)
- Yellow (79%)
- Blue (84%)



- Cyan (40%)
- Magenta (0%)
- Yellow (33%)
- Black (16%)



- Cyan (50%)
- Magenta (16%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the YUV color 180.3060, -17.8989, -45.8724 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the YUV color 180.3060, -17.8989, -45.8724 by changing the saturation by 10% instead.

■ 180.3060,
-17.8989, -45.8724

■ 180.3060,
-17.8989, -45.8724

255.0000, 0.0000,
0.0000

■ 152.8330,
-17.1727, -45.4575

■ 227.2730,
-14.4316, -37.9504

■ 125.7620,
-16.1517, -46.2723

■ 239.1360, -6.4760,
-22.9213

■ 98.5060, -14.5465,
-47.8018

■ 251.1130, 1.9163,
-7.9921

■ 68.5480, -11.6092,
-56.6086

■ 50.1690, -13.3943,
-43.9982

■ 33.4590, -16.4953,
-29.3435

■ 21.7190, -10.7075,

-19.0476

■ 0.0000, 0.0000,
0.0000

■ 180.3060,
-17.8989, -45.8724

■ 180.3060,
-17.8989, -45.8724

■ 172.0890,
-22.2289, -57.0831

■ 188.5230,
-13.5688, -34.6617

■ 163.4590,
-26.8483, -68.8085

■ 197.1530, -8.9494,
-22.9362

■ 155.2420,
-31.1783, -80.0192

■ 205.3700, -4.6194,
-11.7255

■ 146.6120,
-35.7977, -91.7447

■ 214.0000, 0.0000,
0.0000

■ 138.3950,
-40.1277, -102.9554

■ 222.2170, 4.3300,
11.2107

■ 130.1780,
-44.4578, -114.1661

■ 230.2490, 9.2442,
21.7066

■ 230.9330, 11.8650,
21.1068

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



187.5210, -37.2319, -4.8419



180.3060, -17.8989, -45.8724



164.1630, 12.2446, -100.9980

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



180.3060, -17.8989, -45.8724



180.5450, 36.7063, -60.1140



189.2370, -15.8928, 57.6742

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



180.3060, -17.8989, -45.8724



161.6940, 17.8989, 45.8724

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



192.6060, 4.6312, 54.7195



180.3060, -17.8989, -45.8724



195.0730, 29.5440, -2.6950

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



180.3060, -17.8989, -45.8724



154.1010, 49.7432, -135.1466



200.9860, 21.6989, 40.3543



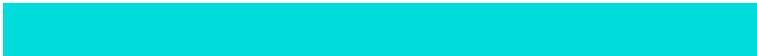
192.7640, -35.3797, 54.5810

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



180.3060, -17.8989, -45.8724



153.6330, 32.7189, -134.7361



200.9860, 21.6989, 40.3543



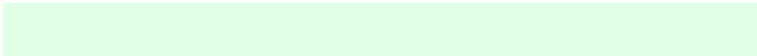
189.0720, -8.9095, 57.8189

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



180.3060, -17.8989, -45.8724



242.8810, -6.3503, -16.5586



199.4120, -35.2061, -1.2383



120.9080, -3.8986, -9.5663



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



180.3060, -17.8989, -45.8724



207.1220, -25.6961, -65.0050



185.2080, 0.8835, -50.1714



102.6850, -2.3097, -5.8627



104.0250, -35.5083, -91.2299



26.1530, -8.9494, -22.9362

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



161.6940, 17.8989, 45.8724



180.7640, 25.2593, 65.1050



156.7920, -0.8835, 50.1714



100.3150, 2.3097, 5.8627



66.9750, 35.5083, 91.2299



16.8470, 8.9494, 22.9362

Previews

White Background



This preview shows how the YUV color 180.3060, -17.8989, -45.8724 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 180.3060, -17.8989, -45.8724 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

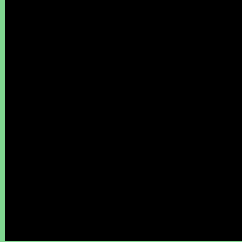
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 180.3060, -17.8989, -45.8724 Background



This preview shows how black text looks on a background with the YUV color 180.3060, -17.8989, -45.8724.



This preview shows how white text looks on a background with the YUV color 180.3060, -17.8989, -45.8724.

-45.8724.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

180.3060, -17.8989, -45.8724

Protanopia

192.0580, -28.1296, 15.7351

Deuteranopia

194.4540, -21.9158, 29.4198



Tritanopia

187.9980, 16.2700, -38.5862

Trichromacy



Original Color

180.3060, -17.8989, -45.8724

Protanomaly

187.5390, -24.4227, -6.6117

Deuteranomaly

189.3320, -20.3767, 2.3398

Tritanomaly

185.3600, 3.7665, -41.5347

Monochromacy



Original Color

180.3060, -17.8989, -45.8724

Achromatopsia

180.0000, 0.0000, 0.0000

Achromatomaly

179.8810, -6.3503, -16.5586

CSS Examples

Text

The CSS property to change the color of the text to YUV 180.3060, -17.8989, -45.8724 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(128, 214, 144)` looks like.

```
.text, #text, p{  
    color:rgb(128, 214, 144)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(128, 214, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 214, 144) }
```

Border

The CSS property to change the border of an element to YUV 180.3060, -17.8989, -45.8724 is called "border".

The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(128, 214, 144) }
```


If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(128, 214, 144) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(128, 214, 144) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 214, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 214, 144);  
box-shadow:4px 4px 4px 4px rgb(128, 214,  
144) }
```

Background

The CSS property to change the background color of an element to YUV 180.3060, -17.8989, -45.8724 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 214, 144) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(128,  
214, 144) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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