

Converting Colors

YUV(180.4700, 13.5723,
-60.0482)

Have a look what the booklet for
YUV(180.4700, 13.5723, -60.0482)
contains.

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Color

**YUV(180.4700, 13.5723,
-60.0482)**

Conversions

Conversions Part 1

Format	Color
Hex	70D2D0
RGB	112, 210, 208
RGB Percent	44%, 82%, 82%
CMY	0.5608, 0.1765, 0.1843
CMYK	0.47, 0.00, 0.01, 0.18
HSL	179°, 52%, 63%
HSV	179°, 47%, 82%
XYZ	41.1139, 54.0920, 67.9484
YIQ	180.4700, -57.7660, -21.3980

Conversions

Conversions Part 2

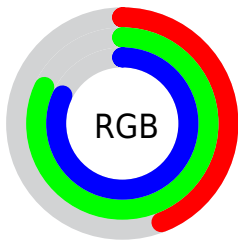
Format	Color
R _{YB}	112, 162, 210
Decimal	7394000
CIE Lab	78.52, -29.25, -7.95
CIE LCh	79, 30.315, 195.210
Yxy	54.0920, 0.2520, 0.3315
Android (android.graphics.Color)	4285584080 (0xFF70D2D0)
YUV	180.4700, 13.5723, -60.0482
Hunter-Lab	73.5473, -28.9239, -3.2934

Details

The YUV color **180.4700, 13.5723, -60.0482** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **141.5300, -13.5723, 60.0482**, and the grayscale version is **180.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **229.5850, 12.5296, -52.2560**, and **123.7900, 14.8935, -63.8368** is the 20% darker color. If you saturate the color by 10%, you get **174.1910, 16.6678, -72.9585**, and if you desaturate by 10%, it is **186.7490, 10.4767, -47.1379**.

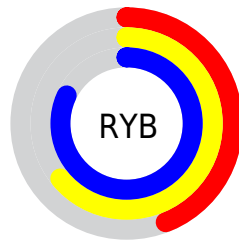
Distribution



Red (44%)

Green (82%)

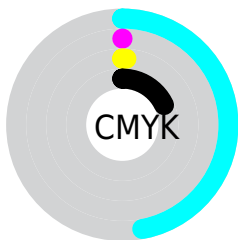
Blue (82%)



Red (44%)

Yellow (64%)

Blue (82%)

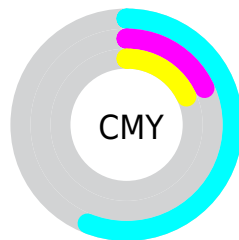


Cyan (47%)

Magenta (0%)

Yellow (1%)

Black (18%)



Cyan (56%)

Magenta (18%)

Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the YUV color 180.4700, 13.5723, -60.0482 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 180.4700, 13.5723, -60.0482 by changing the saturation by 10% instead.

■ 180.4700, 13.5723,
-60.0482

■ 180.4700, 13.5723,
-60.0482

255.0000, 0.0000,
0.0000

■ 152.1710, 13.7197,
-60.6630

■ 229.5850, 12.5296,
-52.2560

■ 123.7900, 14.8935,
-63.8368

■ 238.2560, 8.2548,
-34.4275

■ 90.6140, 18.4313,
-78.5915

■ 246.9270, 3.9800,
-16.5990

■ 72.2030, 15.1829,
-63.3220

■ 55.3790, 11.6452,
-48.5674

■ 38.6690, 8.5442,
-33.9127

■ 24.4210, 4.7224,

-21.4172

■ 2.0690, 5.3890,
-1.8145

■ 0.0000, 0.0000,
0.0000

■ 180.4700, 13.5723,
-60.0482

■ 180.4700, 13.5723,
-60.0482

■ 174.1910, 16.6678,
-72.9585

■ 186.7490, 10.4767,
-47.1379

■ 167.7980, 19.3266,
-85.7688

■ 193.1420, 7.8180,
-34.3275

■ 161.5190, 22.4221,
-98.6792

■ 199.4210, 4.7224,
-21.4172

■ 155.1260, 25.0809,
-111.4895

■ 205.8140, 2.0637,
-8.6069

■ 148.8470, 28.1764,
-124.3998

■ 212.0930, -1.0318,
4.3034

■ 146.7540, 29.2083,
-128.7033

■ 218.4860, -3.6906,
17.1138

■ 223.5690, -6.1965,
27.5650

■ 223.6830, -5.7597,
27.4650

Harmonies

Analogous

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



183.7530, -2.3432, -41.8794



180.4700, 13.5723, -60.0482



181.2600, 25.5078, -61.6180

Triad

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



180.4700, 13.5723, -60.0482



198.0940, 17.7017, 15.7036



194.1890, -26.7152, 28.7752

Complementary

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



180.4700, 13.5723, -60.0482



141.5300, -13.5723, 60.0482

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.



196.4110, -19.9226, 43.4896



180.4700, 13.5723, -60.0482



198.6100, 5.1223, 37.1760

Square

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



180.4700, 13.5723, -60.0482



194.4970, 26.3770, -13.5909



197.8210, -8.2928, 46.6380



191.3990, -25.3397, 7.5431

Rectangle

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



180.4700, 13.5723, -60.0482



185.9500, 29.1117, -50.8221



197.8210, -8.2928, 46.6380



195.2760, -25.2791, 34.8379

Sweetspot

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



180.4700, 13.5723, -60.0482



244.1220, 4.8699, -22.0320



170.4230, -28.8025, -48.6060



121.3080, 2.8062, -13.4251



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.



180.4700, 13.5723, -60.0482



211.9010, 19.7688, -87.6132



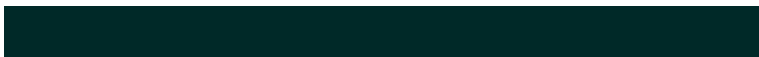
153.6960, 27.7579, -36.5674



101.5970, 1.1847, -6.6626



117.4260, 23.4540, -102.9826



28.6270, 5.6069, -25.1059

Inverse Universe

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



141.5300, -13.5723, 60.0482



155.0990, -19.7688, 87.6132



168.3040, -27.7579, 36.5674



97.2890, -1.6215, 6.7625



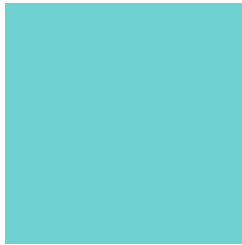
50.5740, -23.4540, 102.9826



12.3730, -5.6069, 25.1059

Previews

White Background



This preview shows how the YUV color 180.4700, 13.5723, -60.0482 looks on a white background.

Color Contrast Check

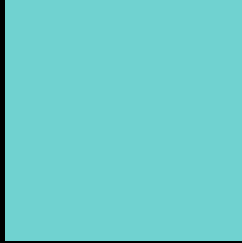
Large Text (above 18pt) WCAG AA × Fail

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 180.4700, 13.5723, -60.0482 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

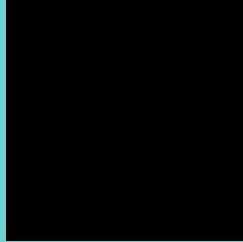
Any Text WCAG AA ✓ Pass

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 180.4700, 13.5723, -60.0482 Background



This preview shows how black text looks on a background with the YUV color 180.4700, 13.5723, -60.0482.



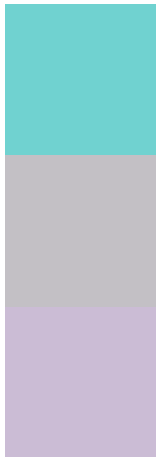
This preview shows how white text looks on a background with the YUV color 180.4700, 13.5723, -60.0482.

-60.0482.

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

180.4700, 13.5723, -60.0482

Protanopia

193.4670, 1.7418, 1.3444

Deuteranopia

195.3350, 8.7088, 6.7222



Tritanopia

182.6150, 20.4028, -57.5444

Trichromacy



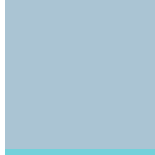
Original Color

180.4700, 13.5723, -60.0482



Protanomaly

189.0620, 5.8854, -21.1024



Deuteranomaly

189.9360, 10.3846, -17.4839



Tritanomaly

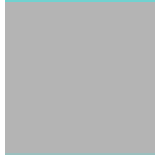
181.9200, 17.7874, -58.6888

Monochromacy



Original Color

180.4700, 13.5723, -60.0482



Achromatopsia

180.0000, 0.0000, 0.0000



Achromatomaly

180.1220, 4.8699, -22.0320

CSS Examples

Text

The CSS property to change the color of the text to YUV 180.4700, 13.5723, -60.0482 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(112, 210, 208)` looks like.

```
.text, #text, p{  
    color:rgb(112, 210, 208)  
}
```

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(112, 210, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 210, 208) }
```

Border

The CSS property to change the border of an element to YUV 180.4700, 13.5723, -60.0482 is called "border".

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

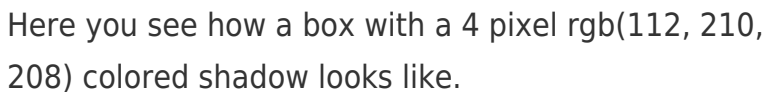
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(112, 210, 208) }
```


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

```
.border{ border-color:rgb(112, 210, 208) }
```

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



Here you see how a box with a 4 pixel `rgb(112, 210, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(112, 210, 208); -webkit-box-shadow:4px 4px 4px 4px rgb(112, 210, 208); box-shadow:4px 4px 4px 4px rgb(112, 210, 208) }
```

Background

The CSS property to change the background color of an element to YUV 180.4700, 13.5723, -60.0482 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 210, 208) }
```

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

```
.background{ background-color: rgb(112,  
210, 208) }
```

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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