

Converting Colors

YUV(184.4980, 11.0935,
-58.3187)

Have a look what the booklet for
YUV(184.4980, 11.0935, -58.3187)
contains.

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Color

**YUV(184.4980, 11.0935,
-58.3187)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 76D6CF |
| RGB | 118, 214, 207 |
| RGB Percent | 46%, 84%, 81% |
| CMY | 0.5373, 0.1608, 0.1882 |
| CMYK | 0.45, 0.00, 0.03, 0.16 |
| HSL | 176°, 54%, 65% |
| HSV | 176°, 45%, 84% |
| XYZ | 42.7803, 56.4497, 67.6726 |
| YIQ | 184.4980, -54.9690, -22.5290 |

Conversions

Conversions Part 2

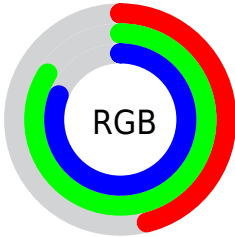
| Format | Color |
|-------------------------------------|--|
| RYB | 118, 168, 214 |
| Decimal | 7788239 |
| CIELab | 79.87, -30.05, -5.39 |
| CIELCh | 80, 30.526, 190.166 |
| Yxy | 56.4497, 0.2563, 0.3382 |
| Android (android.graphics.Color) | 4285978319 (0xFF76D6CF) |
| YUV | 184.4980, 11.0935, -58.3187 |
| Hunter-Lab | 75.1330, -29.8460, -0.8096 |

Details

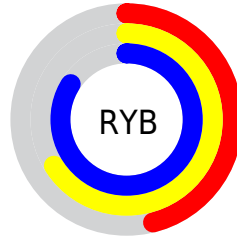
The YUV color **184.4980, 11.0935, -58.3187** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **147.5020, -11.0935, 58.3187**, and the grayscale version is **184.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **231.0800, 11.7926, -49.1822**, and **128.4160, 12.1199, -60.8778** is the 20% darker color. If you saturate the color by 10%, you get **177.9910, 13.3154, -71.0291**, and if you desaturate by 10%, it is **191.0050, 8.8715, -45.6084**.

Distribution



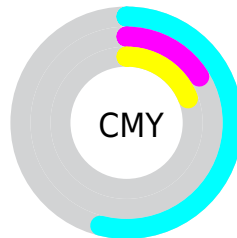
- Red (46%)
- Green (84%)
- Blue (81%)



- Red (46%)
- Yellow (66%)
- Blue (84%)



- Cyan (45%)
- Magenta (0%)
- Yellow (3%)
- Black (16%)



- Cyan (54%)
- Magenta (16%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the YUV color 184.4980, 11.0935, -58.3187 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 184.4980, 11.0935, -58.3187 by changing the saturation by 10% instead.

■ 184.4980, 11.0935,
-58.3187

■ 184.4980, 11.0935,
-58.3187

255.0000, 0.0000,
0.0000

■ 156.3130, 11.6777,
-59.0335

■ 231.0800, 11.7926,
-49.1822

■ 128.4160, 12.1199,
-60.8778

■ 239.7510, 7.5178,
-31.3536

■ 98.2410, 14.1782,
-67.7404

■ 248.7210, 3.0955,
-12.9103

■ 74.4370, 13.5886,
-65.2812

■ 57.0260, 10.3402,
-50.0118

■ 40.3160, 7.2392,
-35.3571

■ 25.5950, 4.1437,

-22.4468

■ 1.3680, 5.2416,
-1.1997

■ 0.0000, 0.0000,
0.0000

■ 184.4980, 11.0935,
-58.3187

■ 184.4980, 11.0935,
-58.3187

■ 177.9910, 13.3154,
-71.0291

■ 191.0050, 8.8715,
-45.6084

■ 171.2990, 16.1216,
-84.4542

■ 197.6970, 6.0654,
-32.1833

■ 164.7920, 18.3435,
-97.1646

■ 204.2040, 3.8434,
-19.4729

■ 158.1000, 21.1497,
-110.5897

■ 210.8960, 1.0373,
-6.0478

■ 151.5930, 23.3717,
-123.3001

■ 217.4030, -1.1847,
6.6626

■ 148.1900, 24.5563,
-129.9626

■ 223.7960, -3.8434,
19.4729

■ 226.7150, -4.2965,
24.8059

■ 226.8290, -3.8597,
24.7060

■ 227.0570, -2.9861,
24.5060

Harmonies

Analogous

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



187.7920, -4.8275, -38.4056



184.4980, 11.0935, -58.3187



184.6080, 24.3503, -63.6772

Triad

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



184.4980, 11.0935, -58.3187



201.6420, 19.8965, 11.7150



198.3250, -26.2892, 32.1640

Complementary

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



184.4980, 11.0935, -58.3187



147.5020, -11.0935, 58.3187

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.



200.1770, -18.3283, 45.4488



184.4980, 11.0935, -58.3187



202.2830, 7.7485, 34.8318

Square

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



184.4980, 11.0935, -58.3187



197.2190, 27.9930, -18.6091



201.6900, -6.2562, 46.7529



195.4920, -26.3716, 11.8465

Rectangle

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



184.4980, 11.0935, -58.3187



187.9280, 29.1225, -54.3109



201.6900, -6.2562, 46.7529



199.2270, -24.2689, 37.5119

Sweetspot

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



184.4980, 11.0935, -58.3187



244.9050, 3.9908, -20.0877



176.7440, -28.9608, -44.5025



121.4930, 2.2220, -12.7104



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.



184.4980, 11.0935, -58.3187



212.5980, 15.9742, -83.8394



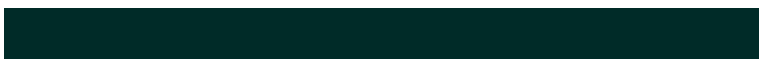
161.8160, 25.7267, -38.4266



103.5970, 1.1847, -6.6626



118.3890, 19.5282, -103.8272



29.8010, 5.0281, -26.1355

Inverse Universe

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



147.5020, -11.0935, 58.3187



159.4020, -15.9742, 83.8394



170.1840, -25.7267, 38.4266



99.4030, -1.1847, 6.6626



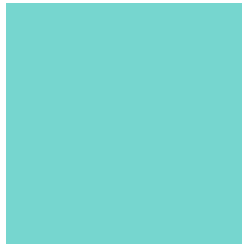
52.4970, -19.9650, 103.9271



13.1990, -5.0281, 26.1355

Previews

White Background



This preview shows how the YUV color 184.4980, 11.0935, -58.3187 looks on a white background.

Color Contrast Check

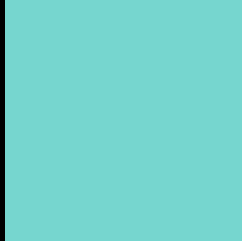
Large Text (above 18pt) WCAG AA × Fail

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 184.4980, 11.0935, -58.3187 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

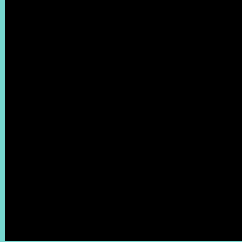
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

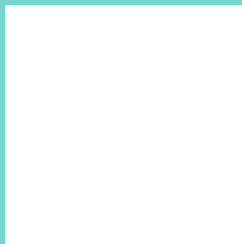
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 184.4980, 11.0935, -58.3187

Background



This preview shows how black text looks on a background with the YUV color 184.4980, 11.0935, -58.3187.



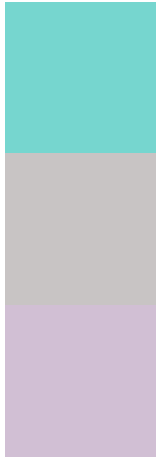
This preview shows how white text looks on a background with the YUV color 184.4980, 11.0935, -58.3187.

-58.3187.

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

184.4980, 11.0935, -58.3187

Protanopia

197.1960, -0.5896, 2.4591

Deuteranopia

198.7760, 6.5194, 8.9664



Tritanopia

186.9250, 20.2500, -55.1852

Trichromacy



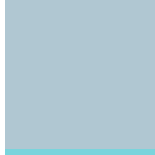
Original Color

184.4980, 11.0935, -58.3187



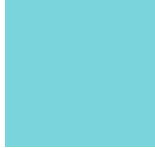
Protanomaly

192.7910, 3.5540, -19.9877



Deuteranomaly

193.3770, 8.1951, -15.2396



Tritanomaly

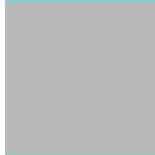
186.0020, 16.7610, -56.1298

Monochromacy



Original Color

184.4980, 11.0935, -58.3187



Achromatopsia

184.0000, 0.0000, 0.0000



Achromatomaly

184.1930, 3.8489, -21.2173

CSS Examples

Text

The CSS property to change the color of the text to YUV 184.4980, 11.0935, -58.3187 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(118, 214, 207)` looks like.

```
.text, #text, p{  
    color:rgb(118, 214, 207)  
}
```

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(118, 214, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 214, 207) }
```

Border

The CSS property to change the border of an element to YUV 184.4980, 11.0935, -58.3187 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(118, 214, 207) }
```


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

```
.border{ border-color:rgb(118, 214, 207) }
```

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

Here you see how a box with a 4 pixel rgb(118, 214, 207) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 214, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 214, 207);  
box-shadow:4px 4px 4px 4px rgb(118, 214,  
207) }
```

Background

The CSS property to change the background color of an element to YUV 184.4980, 11.0935, -58.3187 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 214, 207) }
```

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

```
.background{ background-color: rgb(118,  
214, 207) }
```

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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