

Converting Colors

YUV(184.8780, 11.3991,
-63.0370)

Have a look what the booklet for
YUV(184.8780, 11.3991, -63.0370)
contains.

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Color

**YUV(184.8780, 11.3991,
-63.0370)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 71D9D0 |
| RGB | 113, 217, 208 |
| RGB Percent | 44%, 85%, 82% |
| CMY | 0.5569, 0.1490, 0.1843 |
| CMYK | 0.48, 0.00, 0.04, 0.15 |
| HSL | 175°, 58%, 65% |
| HSV | 175°, 48%, 85% |
| XYZ | 43.0081, 57.6905, 68.5431 |
| YIQ | 184.8780, -59.0950, -24.8470 |

Conversions

Conversions Part 2

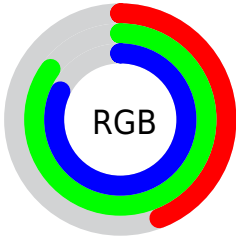
| Format | Color |
|-------------------------------------|--------------------------------|
| R _{YB} | 113, 167, 217 |
| Decimal | 7461328 |
| CIE _{Lab} | 80.57, -32.37, -4.91 |
| CIE _{LCh} | 81, 32.744, 188.632 |
| Y _{xy} | 57.6905, 0.2541, 0.3409 |
| Android (android.graphics.Color) | 4285651408 (0xFF71D9D0) |
| YUV | 184.8780, 11.3991, -63.0370 |
| Hunter-Lab | 75.9543, -31.8467, -0.3369 |

Details

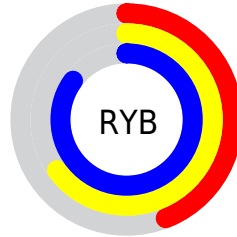
The YUV color **184.8780, 11.3991, -63.0370** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **145.1220, -11.3991, 63.0370**, and the grayscale version is **185.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **229.8840, 12.3822, -51.6413**, and **127.8990, 12.8678, -67.4404** is the 20% darker color. If you saturate the color by 10%, you get **178.0720, 13.7685, -76.3621**, and if you desaturate by 10%, it is **191.6840, 9.0298, -49.7119**.

Distribution



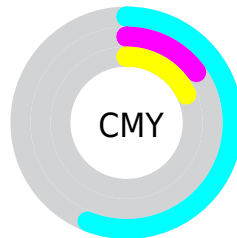
- Red (44%)
- Green (85%)
- Blue (82%)



- Red (44%)
- Yellow (65%)
- Blue (85%)



- Cyan (48%)
- Magenta (0%)
- Yellow (4%)
- Black (15%)



- Cyan (56%)
- Magenta (15%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the YUV color 184.8780, 11.3991, -63.0370 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 184.8780, 11.3991, -63.0370 by changing the saturation by 10% instead.

184.8780, 11.3991,
-63.0370

184.8780, 11.3991,
-63.0370

255.0000, 0.0000,
0.0000

156.2800, 11.6940,
-64.2666

229.8840, 12.3822,
-51.6413

127.8990, 12.8678,
-67.4404

238.5550, 8.1074,
-33.8127

93.8370, 16.8424,
-82.2950

247.5250, 3.6852,
-15.3694

75.7250, 13.4466,
-66.4108

58.3140, 10.1982,
-51.1414

42.1910, 6.8078,
-37.0015

26.8830, 4.0017,

-23.5764

■ 3.9440, 4.9576,
-3.4589

■ 0.0000, 0.0000,
0.0000

■ 184.8780, 11.3991,
-63.0370

■ 184.8780, 11.3991,
-63.0370

■ 178.0720, 13.7685,
-76.3621

■ 191.6840, 9.0298,
-49.7119

■ 171.5650, 15.9905,
-89.0725

■ 198.1910, 6.8078,
-37.0015

■ 164.7590, 18.3598,
-102.3976

■ 204.9970, 4.4385,
-23.6764

■ 157.9530, 20.7292,
-115.7228

■ 211.8030, 2.0691,
-10.3512

■ 151.2610, 23.5353,
-129.1479

■ 218.4950, -0.7370,
3.0739

■ 149.9510, 23.6882,
-131.5070

■ 225.0020, -2.9590,
15.7842

■ 228.8180, -3.8543,
22.9616

■ 229.0460, -2.9807,
22.7617

■ 229.2740, -2.1071,
22.5617

Harmonies

Analogous

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



189.4390, -6.1324, -39.8500



184.8780, 11.3991, -63.0370



184.3190, 25.9717, -70.4398

Triad

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



184.8780, 11.3991, -63.0370



203.7990, 21.7911, 10.7003



200.5920, -27.8999, 35.4378

Complementary

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



184.8780, 11.3991, -63.0370



145.1220, -11.3991, 63.0370

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.



201.0740, -18.7705, 47.2931



184.8780, 11.3991, -63.0370



204.6360, 9.0535, 36.2762

Square

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



184.8780, 11.3991, -63.0370



198.1970, 28.0039, -22.0978



202.0320, -4.9458, 46.4529



197.5200, -28.8504, 13.5760

Rectangle

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



184.8780, 11.3991, -63.0370



188.3400, 30.8914, -61.6882



202.0320, -4.9458, 46.4529



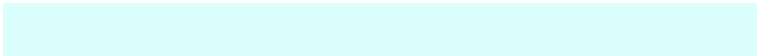
200.9070, -25.5902, 41.3006

Sweetspot

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



184.8780, 11.3991, -63.0370



243.8940, 3.9963, -21.8320



177.0380, -31.5707, -47.3913



121.1940, 2.3694, -13.3251



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.



184.8780, 11.3991, -63.0370



209.2660, 16.1379, -89.6873



161.2500, 27.4847, -42.3152



106.5970, 1.1847, -6.6626



119.5630, 18.9494, -104.8568



31.7900, 5.0335, -27.8798

Inverse Universe

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



145.1220, -11.3991, 63.0370



152.7340, -16.1379, 89.6873



168.7500, -27.4847, 42.3152



102.4030, -1.1847, 6.6626



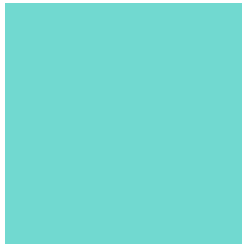
53.4370, -18.9494, 104.8568



14.2100, -5.0335, 27.8798

Previews

White Background



This preview shows how the YUV color 184.8780, 11.3991, -63.0370 looks on a white background.

Color Contrast Check

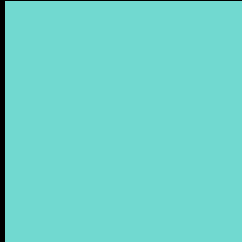
Large Text (above 18pt) WCAG AA × Fail

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 184.8780, 11.3991, -63.0370 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

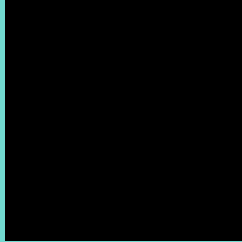
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

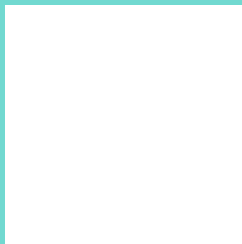
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 184.8780, 11.3991, -63.0370

Background



This preview shows how black text looks on a background with the YUV color 184.8780, 11.3991, -63.0370.



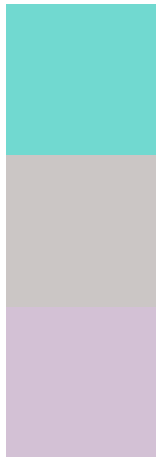
This preview shows how white text looks on a background with the YUV color 184.8780, 11.3991, -63.0370.

-63.0370.

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

184.8780, 11.3991, -63.0370

Protanopia

199.3810, -1.1738, 3.1739

Deuteranopia

200.6620, 6.0826, 9.0664



Tritanopia

187.8320, 21.2818, -59.4887

Trichromacy



Original Color

184.8780, 11.3991, -63.0370



Protanomaly

194.0790, 3.4121, -21.1173



Deuteranomaly

194.9530, 7.9112, -17.4988



Tritanomaly

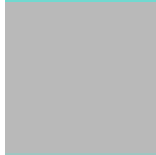
186.6100, 17.9403, -61.0480

Monochromacy



Original Color

184.8780, 11.3991, -63.0370



Achromatopsia

185.0000, 0.0000, 0.0000



Achromatomaly

185.1820, 3.8543, -22.9616

CSS Examples

Text

The CSS property to change the color of the text to YUV 184.8780, 11.3991, -63.0370 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(113, 217, 208)` looks like.

```
.text, #text, p{  
    color:rgb(113, 217, 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(113, 217, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 217, 208) }
```

Border

The CSS property to change the border of an element to YUV 184.8780, 11.3991, -63.0370 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(113, 217, 208) }
```


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

```
.border{ border-color:rgb(113, 217, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(113, 217, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(113, 217, 208); -webkit-box-shadow:4px 4px 4px 4px rgb(113, 217, 208); box-shadow:4px 4px 4px 4px rgb(113, 217, 208) }
```

Background

The CSS property to change the background color of an element to YUV 184.8780, 11.3991, -63.0370 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 217, 208) }
```

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

```
.background{ background-color: rgb(113,  
217, 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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