

Converting Colors

YUV(183.5790, 11.5466,
-63.6518)

Have a look what the booklet for
YUV(183.5790, 11.5466, -63.6518)
contains.

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Color

**YUV(183.5790, 11.5466,
-63.6518)**

Conversions

Conversions Part 1

Format	Color
Hex	6FD8CF
RGB	111, 216, 207
RGB Percent	44%, 85%, 81%
CMY	0.5647, 0.1529, 0.1882
CMYK	0.49, 0.00, 0.04, 0.15
HSL	175°, 57%, 64%
HSV	175°, 49%, 85%
XYZ	42.3739, 56.9962, 67.7995
YIQ	183.5790, -59.6910, -25.0590

Conversions

Conversions Part 2

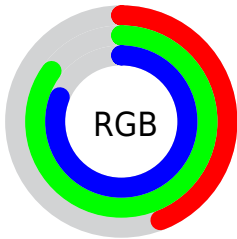
Format	Color
RYB	111, 166, 216
Decimal	7329999
CIELab	80.18, -32.59, -4.96
CIELCh	80, 32.969, 188.657
Yxy	56.9962, 0.2535, 0.3409
Android (android.graphics.Color)	4285520079 (0xFF6FD8CF)
YUV	183.5790, 11.5466, -63.6518
Hunter-Lab	75.4959, -31.9302, -0.3987

Details

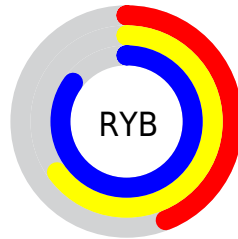
The YUV color **183.5790, 11.5466, -63.6518** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **143.4210, -11.5466, 63.6518**, and the grayscale version is **184.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **229.2860, 12.6770, -52.8708**, and **126.6000, 13.0152, -68.0552** is the 20% darker color. If you saturate the color by 10%, you get **176.7730, 13.9159, -76.9769**, and if you desaturate by 10%, it is **190.3850, 9.1772, -50.3266**.

Distribution



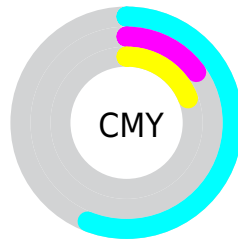
- Red (44%)
- Green (85%)
- Blue (81%)



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



- Cyan (49%)
- Magenta (0%)
- Yellow (4%)
- Black (15%)



- Cyan (56%)
- Magenta (15%)
- Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the YUV color 183.5790, 11.5466, -63.6518 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 183.5790, 11.5466, -63.6518 by changing the saturation by 10% instead.

 183.5790, 11.5466,
-63.6518

 183.5790, 11.5466,
-63.6518


255.0000, 0.0000,
0.0000

 155.0950, 12.2782,
-64.9813


 229.2860, 12.6770,
-52.8708

 126.6000, 13.0152,
-68.0552

 237.9570, 8.4022,
-35.0423

 93.1360, 16.6950,
-81.6803

 246.9270, 3.9800,
-16.5990

 75.0240, 13.2992,
-65.7960

 58.2000, 9.7614,
-51.0414

 41.4900, 6.6604,
-36.3867

 26.1820, 3.8543,

-22.9616

■ 2.6560, 5.0996,
-2.3293

■ 0.0000, 0.0000,
0.0000

■ 183.5790, 11.5466,
-63.6518

■ 183.5790, 11.5466,
-63.6518

■ 176.7730, 13.9159,
-76.9769

■ 190.3850, 9.1772,
-50.3266

■ 170.2660, 16.1379,
-89.6873

■ 196.8920, 6.9552,
-37.6163

■ 163.4600, 18.5072,
-103.0124

■ 203.6980, 4.5859,
-24.2911

■ 157.0670, 21.1660,
-115.8228

■ 210.0910, 1.9271,
-11.4808

■ 150.2610, 23.5353,
-129.1479

■ 216.8970, -0.4422,
1.8443

■ 149.2500, 23.5407,
-130.8922

■ 223.7030, -2.8116,
15.1695

■ 228.1170, -4.0017,
23.5764

■ 228.3450, -3.1281,
23.3764

■ 228.5730, -2.2545,
23.1765

Harmonies

Analogous

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



188.0260, -6.4218, -40.3648



183.5790, 11.5466, -63.6518



183.0200, 26.1191, -71.0545

Triad

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



183.5790, 11.5466, -63.6518



202.7990, 21.7911, 10.7003



198.8910, -28.0473, 36.0526

Complementary

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



183.5790, 11.5466, -63.6518



143.4210, -11.5466, 63.6518

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.



200.3730, -18.9179, 47.9079



183.5790, 11.5466, -63.6518



203.9350, 8.9060, 36.8910

Square

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



183.5790, 11.5466, -63.6518



197.3110, 28.4407, -22.1977



201.3310, -5.0932, 47.0677



196.5200, -28.8504, 13.5760

Rectangle

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



183.5790, 11.5466, -63.6518



187.1550, 31.4756, -62.4029



201.3310, -5.0932, 47.0677



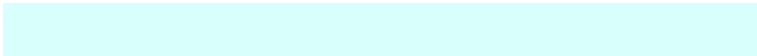
199.7930, -26.0269, 41.4005

Sweetspot

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



183.5790, 11.5466, -63.6518



243.2960, 4.2911, -23.0616



175.9240, -32.0075, -47.2913



120.8950, 2.5168, -13.9399



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.



183.5790, 11.5466, -63.6518



209.2660, 16.1379, -89.6873



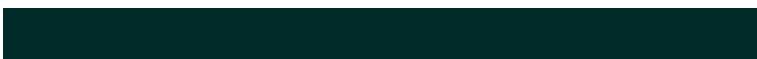
159.9510, 27.6322, -42.9300



103.5970, 1.1847, -6.6626



118.1610, 18.6546, -103.6272



29.8010, 5.0281, -26.1355

Inverse Universe

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



143.4210, -11.5466, 63.6518



152.7340, -16.1379, 89.6873



167.0490, -27.6322, 42.9300



99.4030, -1.1847, 6.6626



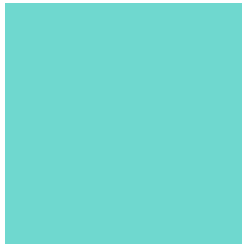
52.8390, -18.6546, 103.6272



13.3130, -4.5913, 26.0355

Previews

White Background



This preview shows how the YUV color 183.5790, 11.5466, -63.6518 looks on a white background.

Color Contrast Check

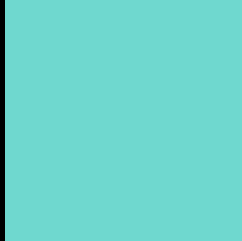
Large Text (above 18pt) WCAG AA × Fail

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 183.5790, 11.5466, -63.6518 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

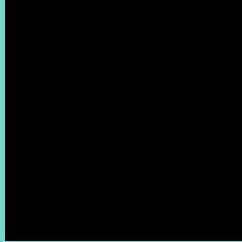
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

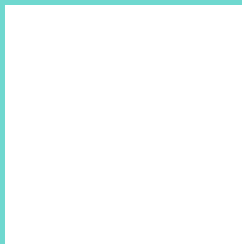
Any Text WCAG AAA ✓ Pass

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

YUV 183.5790, 11.5466, -63.6518 Background



This preview shows how black text looks on a background with the YUV color 183.5790, 11.5466, -63.6518.



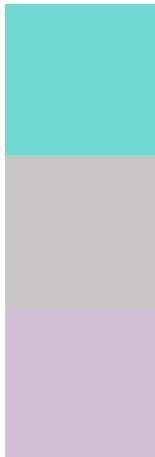
This preview shows how white text looks on a background with the YUV color 183.5790, 11.5466, -63.6518.

-63.6518.

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**

183.5790, 11.5466, -63.6518

Protanopia

198.0820, -1.0264, 2.5591

Deuteranopia

199.6620, 6.0826, 9.0664



Tritanopia

186.5330, 21.4292, -60.1034

Trichromacy



Original Color

183.5790, 11.5466, -63.6518



Protanomaly

192.7800, 3.5595, -21.7321



Deuteranomaly

193.9530, 7.9112, -17.4988



Tritanomaly

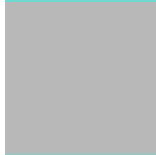
185.3110, 18.0877, -61.6627

Monochromacy



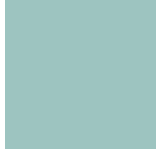
Original Color

183.5790, 11.5466, -63.6518



Achromatopsia

184.0000, 0.0000, 0.0000



Achromatomaly

183.8830, 4.0017, -23.5764

CSS Examples

Text

The CSS property to change the color of the text to YUV 183.5790, 11.5466, -63.6518 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(111, 216, 207)` looks like.

```
.text, #text, p{  
    color:rgb(111, 216, 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(111, 216, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 216, 207) }
```

Border

The CSS property to change the border of an element to YUV 183.5790, 11.5466, -63.6518 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(111, 216, 207) }
```


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

```
.border{ border-color:rgb(111, 216, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 216, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 216, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 216, 207);  
box-shadow:4px 4px 4px 4px rgb(111, 216,  
207) }
```

Background

The CSS property to change the background color of an element to YUV 183.5790, 11.5466, -63.6518 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 216, 207) }
```

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

```
.background{ background-color: rgb(111,  
216, 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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