

Converting Colors

YUV(183.4260, 33.8070,
-63.5176)

Have a look what the booklet for
YUV(183.4260, 33.8070, -63.5176)
contains.

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Color

**YUV(183.4260, 33.8070,
-63.5176)**

Conversions

Conversions Part 1

Format	Color
Hex	6FCFFC
RGB	111, 207, 252
RGB Percent	44%, 81%, 99%
CMY	0.5647, 0.1882, 0.0118
CMYK	0.56, 0.18, 0.00, 0.01
HSL	199°, 96%, 71%
HSV	199°, 56%, 99%
XYZ	46.4391, 55.0334, 100.2704
YIQ	183.4260, -71.6610, -6.3570

Conversions

Conversions Part 2

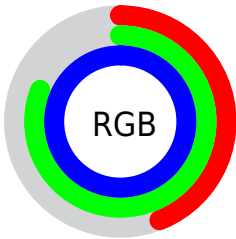
Format	Color
RYB	111, 168, 252
Decimal	7327740
CIELab	79.06, -15.94, -30.68
CIELCh	79, 34.575, 242.555
Yxy	55.0334, 0.2302, 0.2728
Android (android.graphics.Color)	4285517820 (0xFF6FCFFC)
YUV	183.4260, 33.8070, -63.5176
Hunter-Lab	74.1845, -18.0830, -28.2093

Details

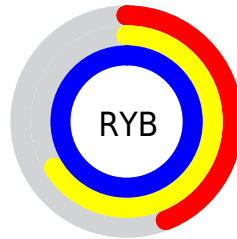
The YUV color **183.4260, 33.8070, -63.5176** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **179.5740, -33.8070, 63.5176**, and the grayscale version is **183.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **229.8840, 12.3822, -51.6413**, and **124.3000, 34.8551, -73.0541** is the 20% darker color. If you saturate the color by 10%, you get **171.2550, 39.8073, -74.7686**, and if you desaturate by 10%, it is **195.5970, 27.8067, -52.2666**.

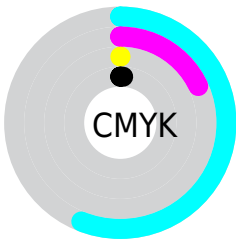
Distribution



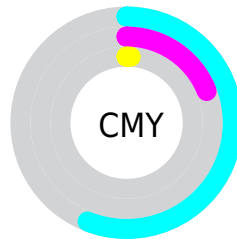
- Red (44%)
- Green (81%)
- Blue (99%)



- Red (44%)
- Yellow (66%)
- Blue (99%)



- Cyan (56%)
- Magenta (18%)
- Yellow (0%)
- Black (1%)



- Cyan (56%)
- Magenta (19%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the YUV color 183.4260, 33.8070, -63.5176 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 183.4260, 33.8070, -63.5176 by changing the saturation by 10% instead.

183.4260, 33.8070,
-63.5176

183.4260, 33.8070,
-63.5176

255.0000, 0.0000,
0.0000

154.1160, 33.9598,
-65.8767

229.8840, 12.3822,
-51.6413

124.3000, 34.8551,
-73.0541

238.8540, 7.9600,
-33.1980

93.7010, 36.6294,
-82.1758

248.1230, 3.3904,
-14.1399

75.9480, 32.0706,
-66.6064

59.0100, 28.0961,
-51.7518

42.6590, 23.8321,
-37.4119

27.5960, 19.4262,

-24.2017

■ 6.8910, 18.7877,
-6.0434

■ 3.2090, 9.7570,
-2.8143

■ 183.4260, 33.8070,
-63.5176

■ 183.4260, 33.8070,
-63.5176

■ 171.2550, 39.8073,
-74.7686

■ 195.5970, 27.8067,
-52.2666

■ 159.0840, 45.8076,
-86.0197

■ 207.7680, 21.8064,
-41.0155

■ 146.6140, 51.9553,
-97.8855

■ 220.2380, 15.6587,
-29.1497

■ 134.4430, 57.9556,
-109.1365

■ 232.4090, 9.6584,
-17.8987

■ 129.6920, 60.2978,
-113.7399

■ 244.5800, 3.6581,
-6.6477

254.6580, -1.3104,
0.2999

Harmonies

Analogous

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



177.1610, 25.5566, -77.3172



183.4260, 33.8070, -63.5176



192.2390, 30.9412, -30.9046

Triad

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



183.4260, 33.8070, -63.5176



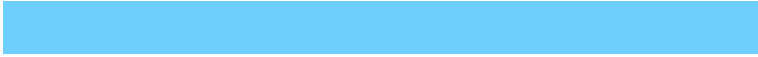
199.3250, -2.6252, 48.8270



189.9410, -24.1279, -7.8413

Complementary

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



183.4260, 33.8070, -63.5176



179.5740, -33.8070, 63.5176

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.



193.9830, -31.0506, 19.3089



183.4260, 33.8070, -63.5176



197.5520, -17.0341, 50.3819

Square

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



183.4260, 33.8070, -63.5176



200.5370, 12.5533, 33.7321



196.6250, -27.9161, 40.6709



185.4240, -10.0690, -37.2058

Rectangle

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



183.4260, 33.8070, -63.5176



197.1110, 28.5393, -7.1133



196.6250, -27.9161, 40.6709



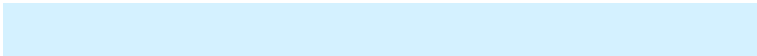
191.1980, -27.2126, 1.5804

Sweetspot

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



183.4260, 33.8070, -63.5176



233.9250, 10.3900, -19.2282



198.8970, -21.1482, -77.0857



114.9430, 6.4371, -11.3510



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.



183.4260, 33.8070, -63.5176



171.5860, 41.1231, -76.8129



142.3360, 54.0644, -27.4817



118.7650, 3.0739, -5.9329



96.6820, 45.5128, -84.7901



31.6080, 14.4903, -27.7202

Inverse Universe

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



164.1030, 21.1482, 77.0857



148.3530, 25.4620, 93.5294



220.6640, -54.0644, 27.4817



116.9130, 2.0149, 7.0923



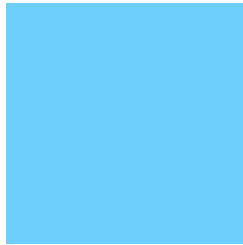
71.1030, 28.0502, 103.3957



23.0270, 9.3537, 33.3023

Previews

White Background



This preview shows how the YUV color 183.4260, 33.8070, -63.5176 looks on a white background.

Color Contrast Check

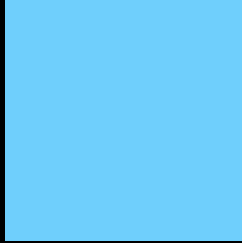
Large Text (above 18pt) WCAG AA × Fail

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 183.4260, 33.8070, -63.5176 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

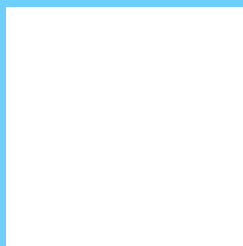
Any Text WCAG AAA ✓ Pass

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

YUV 183.4260, 33.8070, -63.5176 Background



This preview shows how black text looks on a background with the YUV color 183.4260, 33.8070, -63.5176.

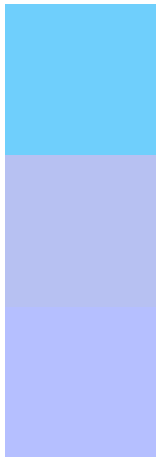


This preview shows how white text looks on a background with the YUV color 183.4260, 33.8070,

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

183.4260, 33.8070, -63.5176

Protanopia

195.5960, 22.8772, -11.0467

Deuteranopia

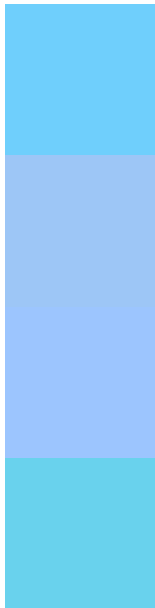
195.3060, 29.4291, -12.5464



Tritanopia

180.3470, 23.4929, -68.7103

Trichromacy



Original Color

183.4260, 33.8070, -63.5176

Protanomaly

191.2130, 27.0100, -30.0048

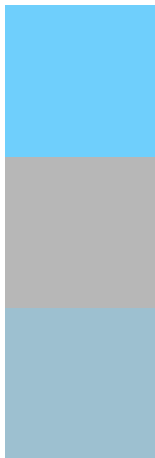
Deuteranomaly

191.2390, 30.9412, -30.9046

Tritanomaly

181.6830, 27.2713, -67.2510

Monochromacy



Original Color

183.4260, 33.8070, -63.5176

Achromatopsia

183.0000, 0.0000, 0.0000

Achromatomaly

183.3590, 12.1480, -23.1168

CSS Examples

Text

The CSS property to change the color of the text to YUV 183.4260, 33.8070, -63.5176 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, 207, 252)` looks like.

```
.text, #text, p{  
    color:rgb(111, 207, 252)  
}
```

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, 207, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 207, 252) }
```

Border

The CSS property to change the border of an element to YUV 183.4260, 33.8070, -63.5176 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, 207, 252) }
```


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

```
.border{ border-color:rgb(111, 207, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 207, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 207, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 207, 252);  
box-shadow:4px 4px 4px 4px rgb(111, 207,  
252) }
```

Background

The CSS property to change the background color of an element to YUV 183.4260, 33.8070, -63.5176 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 207, 252) }
```

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

```
.background{ background-color: rgb(111,  
207, 252) }
```

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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