

# Converting Colors

YUV(183.5460, 31.7758,  
-65.3768)

Have a look what the booklet for  
YUV(183.5460, 31.7758, -65.3768)  
contains.

<b>YUV(183.5460, 31.7758, -65.3768)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**YUV(183.5460, 31.7758,  
-65.3768)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6DD1F8
RGB	109, 209, 248
RGB Percent	43%, 82%, 97%
CMY	0.5725, 0.1804, 0.0275
CMYK	0.56, 0.16, 0.00, 0.03
HSL	197°, 91%, 70%
HSV	197°, 56%, 97%
XYZ	46.0504, 55.6294, 97.1174
YIQ	183.5460, -72.1190, -9.0710

# Conversions

## Conversions Part 2

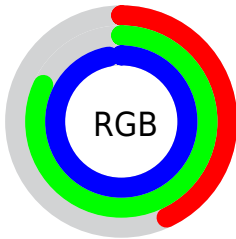
Format	Color
R <sub>YB</sub>	109, 167, 248
Decimal	7197176
CIE Lab	79.40, -18.51, -28.03
CIE LCh	79, 33.593, 236.562
Yxy	55.6294, 0.2316, 0.2798
Android (android.graphics.Color)	4285387256 (0xFF6DD1F8)
YUV	183.5460, 31.7758, -65.3768
Hunter-Lab	74.5852, -20.3144, -24.9919

# Details

The YUV color **183.5460, 31.7758, -65.3768** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **173.4540, -31.7758, 65.3768**, and the grayscale version is **183.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **229.2860, 12.6770, -52.8708**, and **123.5340, 33.2607, -75.0133** is the 20% darker color. If you saturate the color by 10%, you get **171.9620, 37.4867, -77.1427**, and if you desaturate by 10%, it is **195.1300, 26.0649, -53.6110**.

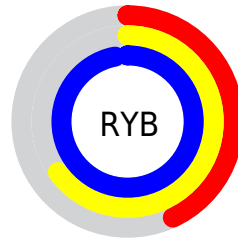
# Distribution



Red (43%)

Green (82%)

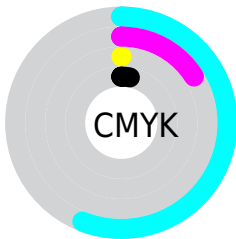
Blue (97%)



Red (43%)

Yellow (65%)

Blue (97%)

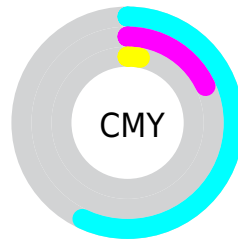


Cyan (56%)

Magenta (16%)

Yellow (0%)

Black (3%)



Cyan (57%)

Magenta (18%)

Yellow (3%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 183.5460, 31.7758, -65.3768 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 183.5460, 31.7758, -65.3768 by changing the saturation by 10% instead.



183.5460, 31.7758,  
-65.3768

183.5460, 31.7758,  
-65.3768

255.0000, 0.0000,  
0.0000

154.2360, 31.9287,  
-67.7360

229.2860, 12.6770,  
-52.8708

123.5340, 33.2607,  
-75.0133

238.2560, 8.2548,  
-34.4275

93.8320, 34.5928,  
-82.2907

247.5250, 3.6852,  
-15.3694

76.1930, 30.4709,  
-66.8213

59.1410, 26.0595,  
-51.8667

42.9040, 22.2323,  
-37.6268

27.8410, 17.8264,

-24.4166

■ 6.5490, 17.4773,  
-5.7435

■ 2.8670, 8.4466,  
-2.5144

■ 183.5460, 31.7758,  
-65.3768

■ 183.5460, 31.7758,  
-65.3768

■ 171.9620, 37.4867,  
-77.1427

■ 195.1300, 26.0649,  
-53.6110

■ 160.3780, 43.1976,  
-88.9085

■ 206.7140, 20.3540,  
-41.8452

■ 149.0930, 48.7612,  
-100.0596

■ 217.9990, 14.7905,  
-30.6941

■ 137.5090, 54.4721,  
-111.8254

■ 229.5830, 9.0796,  
-18.9283

■ 132.7580, 56.8143,  
-116.4288

■ 241.1670, 3.3687,  
-7.1625

■ 251.8540, -1.9000,  
2.7590

■ 254.2020, -3.0576,  
0.6998

# Harmonies

## Analogous

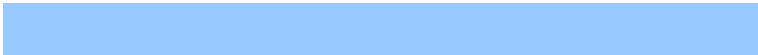
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



179.2710, 22.0514, -73.0287



183.5460, 31.7758, -65.3768



191.9070, 31.1048, -36.7524

# Triad

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



183.5460, 31.7758, -65.3768



201.4110, 0.2904, 46.9976



191.9310, -25.6020, -1.6935

# Complementary

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



183.5460, 31.7758, -65.3768



173.4540, -31.7758, 65.3768

# 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.



194.9450, -30.0459, 23.7272



183.5460, 31.7758, -65.3768



198.3500, -13.9765, 49.6821

# Square

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



183.5460, 31.7758, -65.3768



201.7750, 14.9009, 27.3843



197.9180, -25.5956, 43.0449



187.3710, -13.0009, -30.1434



# Rectangle

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



183.5460, 31.7758, -65.3768



197.0670, 28.5610, -14.0908



197.9180, -25.5956, 43.0449



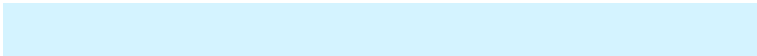
193.0030, -28.1025, 7.0134

# Sweetspot

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



183.5460, 31.7758, -65.3768



235.0990, 9.8112, -20.2578



194.8110, -24.0638, -75.2562



115.5300, 6.1477, -11.8658



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.



183.5460, 31.7758, -65.3768



175.6950, 39.0974, -80.4165



143.6300, 51.4544, -30.3705



118.7650, 3.0739, -5.9329



101.3780, 43.1976, -88.9085



32.7820, 13.9115, -28.7498



# Inverse Universe

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



161.9610, 23.1902, 75.4562



149.1510, 28.5196, 92.8296



213.3700, -51.4544, 30.3705



116.9130, 2.0149, 7.0923



72.0150, 31.5446, 102.5958

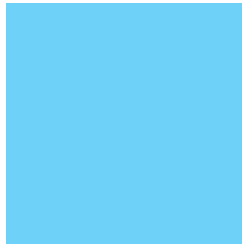


23.2550, 10.2273, 33.1024



# Previews

## White Background



This preview shows how the YUV color 183.5460, 31.7758, -65.3768 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

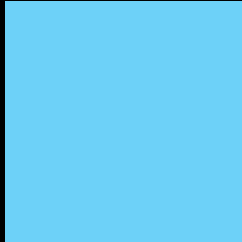
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 183.5460, 31.7758, -65.3768 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

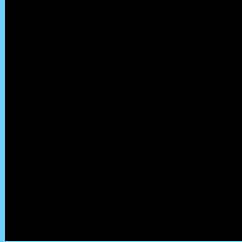
Any Text WCAG AA ✓ Pass

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 183.5460, 31.7758, -65.3768 Background



This preview shows how black text looks on a background with the YUV color 183.5460, 31.7758, -65.3768.



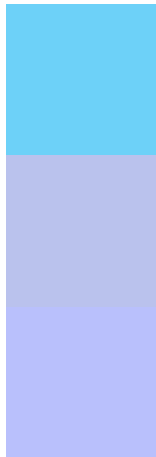
This preview shows how white text looks on a background with the YUV color 183.5460, 31.7758, -65.3768.

-65.3768.

# 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

183.5460, 31.7758, -65.3768

### Protanopia

196.5100, 19.9616, -9.2173

### Deuteranopia

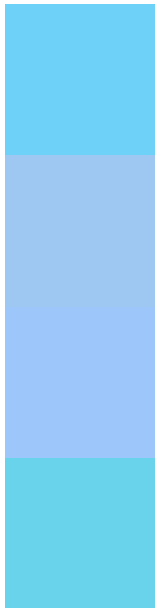
196.7470, 27.2397, -10.3021



## Tritanopia

181.0480, 23.6403, -69.3251

# Trichromacy



## Original Color

183.5460, 31.7758, -65.3768

## Protanomaly

191.5290, 24.3892, -29.4049

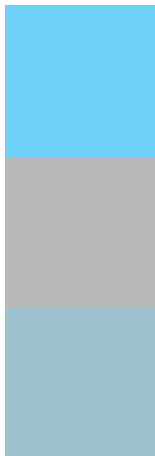
## Deuteranomaly

191.7830, 29.1940, -30.5047

## Tritanomaly

182.1560, 26.5451, -67.6658

# Monochromacy



## Original Color

183.5460, 31.7758, -65.3768

## Achromatopsia

184.0000, 0.0000, 0.0000

## Achromatomaly

183.8320, 11.4218, -23.5317

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 183.5460, 31.7758, -65.3768 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(109, 209, 248)` looks like.

```
.text, #text, p{  
    color:rgb(109, 209, 248)  
}
```

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(109, 209, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 209, 248) }
```

## Border

The CSS property to change the border of an element to YUV 183.5460, 31.7758, -65.3768 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(109, 209, 248) }
```



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

```
.border{ border-color:rgb(109, 209, 248) }
```

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

Here you see how a box with a 4 pixel rgb(109, 209, 248) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 209, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 209, 248);  
box-shadow:4px 4px 4px 4px rgb(109, 209,  
248) }
```

# Background

The CSS property to change the background color of an element to YUV 183.5460, 31.7758, -65.3768 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 209, 248) }
```

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

```
.background{ background-color: rgb(109,  
209, 248) }
```

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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