

Converting Colors

YUV(165.3250, 43.7168,
-68.6910)

Have a look what the booklet for
YUV(165.3250, 43.7168, -68.6910)
contains.

YUV(165.3250, 43.7168, -68.6910)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(165.3250, 43.7168,
-68.6910)**

Conversions

Conversions Part 1

Format	Color
Hex	57BCFE
RGB	87, 188, 254
RGB Percent	34%, 74%, 100%
CMY	0.6588, 0.2627, 0.0039
CMYK	0.66, 0.26, 0.00, 0.00
HSL	204°, 99%, 67%
HSV	204°, 66%, 100%
XYZ	39.8031, 45.1484, 100.3826
YIQ	165.3250, -81.3820, -0.8860

Conversions

Conversions Part 2

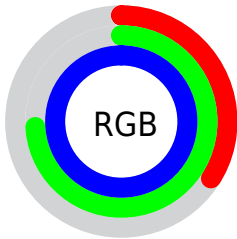
Format	Color
RYB	87, 150, 254
Decimal	5750014
CIELab	72.99, -9.50, -41.22
CIELCh	73, 42.303, 257.027
Yxy	45.1484, 0.2148, 0.2436
Android (android.graphics.Color)	4283940094 (0xFF57BCFE)
YUV	165.3250, 43.7168, -68.6910
Hunter-Lab	67.1926, -11.8484, -41.5417

Details

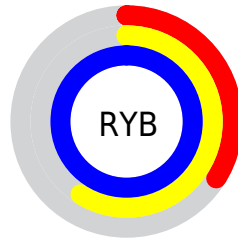
The YUV color **165.3250, 43.7168, -68.6910** is a light color, and the websafe version is hex **66CCFF**. The color can be described as light muted azure. A complement of this color would be **175.6750, -43.7168, 68.6910**, and the grayscale version is **165.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **217.4470, 18.5136, -58.2740**, and **101.7030, 46.9814, -89.1935** is the 20% darker color. If you saturate the color by 10%, you get **151.9800, 50.2959, -78.9125**, and if you desaturate by 10%, it is **178.6700, 37.1377, -58.4696**.

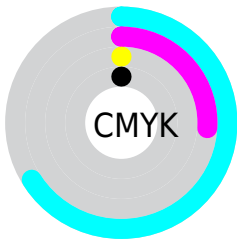
Distribution



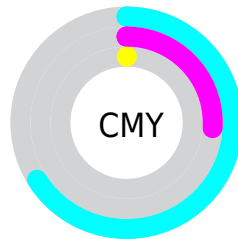
- Red (34%)
- Green (74%)
- Blue (100%)



- Red (34%)
- Yellow (59%)
- Blue (100%)



- Cyan (66%)
- Magenta (26%)
- Yellow (0%)
- Black (0%)



- Cyan (66%)
- Magenta (26%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 165.3250, 43.7168, -68.6910 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 165.3250, 43.7168, -68.6910 by changing the saturation by 10% instead.

■ 165.3250, 43.7168,
-68.6910

■ 165.3250, 43.7168,
-68.6910

255.0000, 0.0000,
0.0000

■ 134.5090, 44.6121,
-75.8684

■ 217.4470, 18.5136,
-58.2740

■ 101.7030, 46.9814,
-89.1935

■ 233.1730, 10.7607,
-44.8787

■ 83.9500, 42.4227,
-73.6241

■ 242.4420, 6.1911,
-25.8206

■ 66.7840, 37.5745,
-58.5696

■ 251.7110, 1.6215,
-6.7625

■ 50.3190, 32.8737,
-44.1298

■ 34.5550, 28.3204,
-30.3047

■ 20.0790, 23.6251,

-17.6093

■ 6.8910, 18.7877,
-6.0434

■ 3.2090, 9.7570,
-2.8143

■ 165.3250, 43.7168,
-68.6910

■ 165.3250, 43.7168,
-68.6910

■ 151.9800, 50.2959,
-78.9125

■ 178.6700, 37.1377,
-58.4696

■ 138.3360, 57.0224,
-89.7487

■ 192.3140, 30.4112,
-47.6334

■ 124.9910, 63.6014,
-99.9701

■ 205.6590, 23.8321,
-37.4119

■ 119.3540, 66.3805,
-104.6735

■ 219.3030, 17.1056,
-26.5757

■ 232.6480, 10.5265,
-16.3543

■ 245.9930, 3.9475,
-6.1329

254.8860, -0.4368,
0.1000

Harmonies

Analogous

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



141.8420, 45.9269, -124.3954



165.3250, 43.7168, -68.6910



178.8090, 36.5762, -18.2495

Triad

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



165.3250, 43.7168, -68.6910



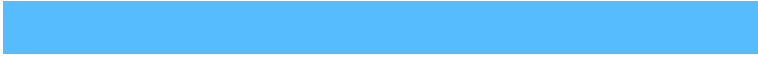
181.4210, -11.5466, 63.6518



168.8030, -21.5949, -27.0142

Complementary

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



165.3250, 43.7168, -68.6910



175.6750, -43.7168, 68.6910

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.



174.2820, -34.6490, 6.7687



165.3250, 43.7168, -68.6910



180.1370, -27.6755, 56.8849

Square

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



165.3250, 43.7168, -68.6910



183.5780, 7.1100, 52.9901



177.6000, -36.7778, 36.3078



160.7670, -0.3781, -65.5707

Rectangle

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



165.3250, 43.7168, -68.6910



183.2210, 28.4850, 10.3302



177.6000, -36.7778, 36.3078



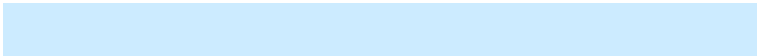
171.3870, -27.3058, -15.2484

Sweetspot

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



165.3250, 43.7168, -68.6910



228.0110, 13.3056, -21.0576



192.3250, -20.3732, -92.3700



111.1000, 8.3317, -12.3657



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.



165.3250, 43.7168, -68.6910



147.9410, 52.7801, -82.3863



117.1910, 67.4468, -26.4775



120.5910, 3.6526, -4.9033



89.8660, 49.8591, -78.8125



30.1890, 16.6688, -26.4758

Inverse Universe

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



148.4470, 19.4996, 92.5700



127.8930, 23.2238, 111.4728



223.8090, -67.4468, 26.4775



119.6850, 1.1413, 7.2923



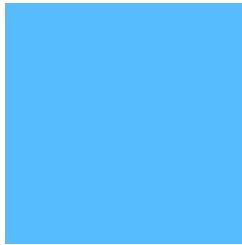
70.3330, 22.5138, 105.8250



23.5820, 7.6011, 35.4466

Previews

White Background



This preview shows how the YUV color 165.3250, 43.7168, -68.6910 looks on a white background.

Color Contrast Check

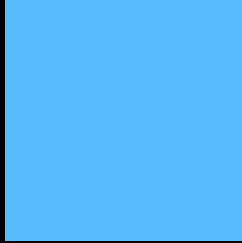
Large Text (above 18pt) WCAG AA × Fail

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 165.3250, 43.7168, -68.6910 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

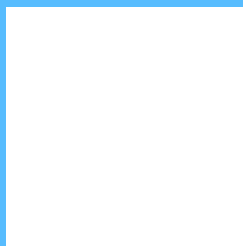
Any Text WCAG AAA ✓ Pass

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

YUV 165.3250, 43.7168, -68.6910 Background



This preview shows how black text looks on a background with the YUV color 165.3250, 43.7168, -68.6910.



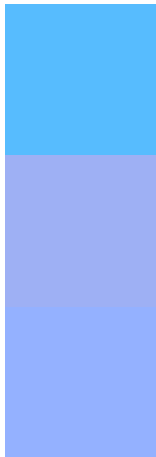
This preview shows how white text looks on a background with the YUV color 165.3250, 43.7168, -68.6910.

-68.6910.

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

165.3250, 43.7168, -68.6910

Protanopia

178.3700, 32.3556, -17.8645

Deuteranopia

177.2210, 38.3450, -25.6268



Tritanopia

158.0570, 26.5939, -83.3650

Trichromacy



Original Color

165.3250, 43.7168, -68.6910

Protanomaly

173.4000, 36.7778, -36.3078

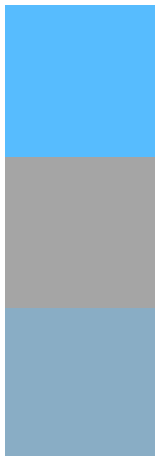
Deuteranomaly

172.9910, 40.4304, -41.2111

Tritanomaly

160.6970, 32.6874, -77.7873

Monochromacy



Original Color

165.3250, 43.7168, -68.6910

Achromatopsia

165.0000, 0.0000, 0.0000

Achromatomaly

164.9720, 15.7898, -24.5314

CSS Examples

Text

The CSS property to change the color of the text to YUV 165.3250, 43.7168, -68.6910 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(87, 188, 254)` looks like.

```
.text, #text, p{  
    color:rgb(87, 188, 254)  
}
```

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(87, 188, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(87, 188, 254) }
```

Border

The CSS property to change the border of an element to YUV 165.3250, 43.7168, -68.6910 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(87, 188, 254) }
```


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

```
.border{ border-color:rgb(87, 188, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(87, 188, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(87, 188, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(87, 188, 254);  
box-shadow:4px 4px 4px 4px rgb(87, 188,  
254) }
```

Background

The CSS property to change the background color of an element to YUV 165.3250, 43.7168, -68.6910 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(87, 188, 254) }
```

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

```
.background{ background-color: rgb(87, 188,  
254) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor