

Converting Colors

YUV(158.0110, 39.9276,
-66.6616)

Have a look what the booklet for
YUV(158.0110, 39.9276, -66.6616)
contains.

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Color

**YUV(158.0110, 39.9276,
-66.6616)**

Conversions

Conversions Part 1

Format	Color
Hex	52B5EF
RGB	82, 181, 239
RGB Percent	32%, 71%, 94%
CMY	0.6784, 0.2902, 0.0627
CMYK	0.66, 0.24, 0.00, 0.06
HSL	202°, 83%, 63%
HSV	202°, 66%, 94%
XYZ	35.5835, 41.0736, 87.7139
YIQ	158.0110, -77.6220, -2.9500

Conversions

Conversions Part 2

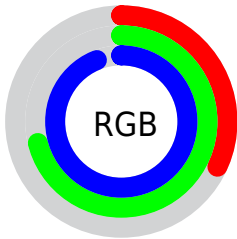
Format	Color
R_{YB}	82, 143, 239
Decimal	5420527
CIE _{Lab}	70.23, -11.31, -37.43
CIE _{LCh}	70, 39.097, 253.190
Yxy	41.0736, 0.2165, 0.2499
Android (android.graphics.Color)	4283610607 (0xFF52B5EF)
YUV	158.0110, 39.9276, -66.6616
Hunter-Lab	64.0887, -13.0478, -36.2842

Details

The YUV color **158.0110, 39.9276, -66.6616** 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 **162.9890, -39.9276, 66.6616**, and the grayscale version is **158.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **211.8430, 21.2764, -57.7443**, and **95.9980, 42.8920, -84.1902** is the 20% darker color. If you saturate the color by 10%, you get **145.5520, 46.0699, -76.7831**, and if you desaturate by 10%, it is **170.4700, 33.7853, -56.5402**.

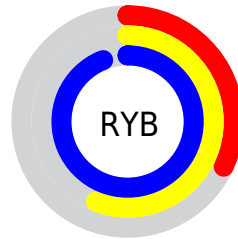
Distribution



Red (32%)

Green (71%)

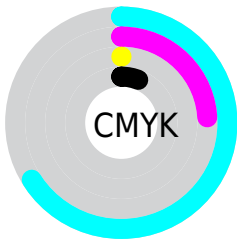
Blue (94%)



Red (32%)

Yellow (56%)

Blue (94%)

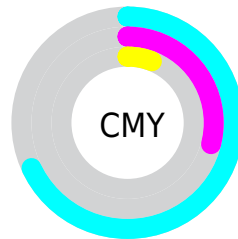


Cyan (66%)

Magenta (24%)

Yellow (0%)

Black (6%)



Cyan (68%)

Magenta (29%)

Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the YUV color 158.0110, 39.9276, -66.6616 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 158.0110, 39.9276, -66.6616 by changing the saturation by 10% instead.

■ 158.0110, 39.9276,
-66.6616

■ 158.0110, 39.9276,
-66.6616

255.0000, 0.0000,
0.0000

■ 127.3090, 41.2597,
-73.9390

■ 211.8430, 21.2764,
-57.7443

■ 95.9980, 42.8920,
-84.1902

■ 231.3790, 11.6452,
-48.5674

■ 78.2450, 38.3332,
-68.6209

■ 240.3490, 7.2229,
-30.1241

■ 61.0790, 33.4851,
-53.5663

■ 249.6180, 2.6533,
-11.0660

■ 45.3150, 28.9317,
-39.7413

■ 29.6650, 24.8152,
-26.0162

■ 10.4930, 22.4350,

-9.2024

■ 5.0500, 14.2723,
-4.4289

■ 0.9120, 3.4944,
-0.7998

■ 158.0110, 39.9276,
-66.6616

■ 158.0110, 39.9276,
-66.6616

■ 145.5520, 46.0699,
-76.7831

■ 170.4700, 33.7853,
-56.5402

■ 133.0930, 52.2122,
-86.9046

■ 182.9290, 27.6430,
-46.4187

■ 121.2210, 58.0650,
-97.5408

■ 194.8010, 21.7901,
-35.7825

■ 115.8830, 60.6967,
-101.6294

■ 207.2600, 15.6478,
-25.6610

■ 219.7190, 9.5055,
-15.5396

■ 231.8790, 3.5107,
-6.0329

■ 244.3380, -2.6316,
4.0886

■ 251.4150, -6.1206,
3.1440

■ 253.1760, -6.9888,
1.5996

Harmonies

Analogous

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



135.3220, 41.2533, -118.6774



158.0110, 39.9276, -66.6616



170.6190, 34.6978, -22.4679

Triad

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



158.0110, 39.9276, -66.6616



174.4850, -8.6201, 58.3337



163.4340, -21.9060, -20.5516

Complementary

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



158.0110, 39.9276, -66.6616



162.9890, -39.9276, 66.6616

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.



167.7600, -32.9127, 9.8575



158.0110, 39.9276, -66.6616



172.8530, -23.5915, 53.6259

Square

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



158.0110, 39.9276, -66.6616



175.8760, 8.4421, 45.7127



170.9250, -32.9940, 36.0228



156.1490, -3.0315, -54.5047

Rectangle

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



158.0110, 39.9276, -66.6616



174.9600, 27.6277, 5.2971



170.9250, -32.9940, 36.0228



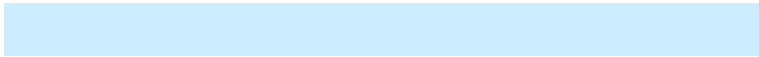
164.9470, -26.5959, -9.6005

Sweetspot

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



158.0110, 39.9276, -66.6616



228.5980, 13.0162, -21.5724



180.7710, -20.1001, -86.6222



111.6870, 8.0423, -12.8805



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.



158.0110, 39.9276, -66.6616



151.4630, 51.0437, -85.4751



112.2250, 62.5001, -26.5073



113.4770, 3.2158, -4.8033



89.0680, 46.8015, -78.1126



26.9290, 14.3320, -23.6167

Inverse Universe

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



140.2290, 20.1001, 86.6222



128.5770, 25.8445, 110.8730



208.7750, -62.5001, 26.5073



112.3860, 1.2887, 6.6775



68.2400, 23.5457, 101.5215



20.7340, 7.0331, 30.9283

Previews

White Background



This preview shows how the YUV color 158.0110, 39.9276, -66.6616 looks on a white background.

Color Contrast Check

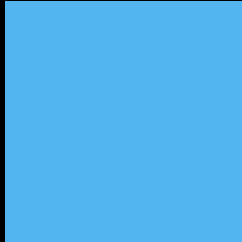
Large Text (above 18pt) WCAG AA × Fail

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 158.0110, 39.9276, -66.6616 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

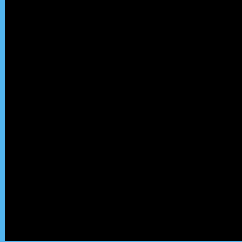
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

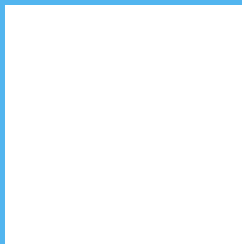
Any Text WCAG AAA ✓ Pass

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

YUV 158.0110, 39.9276, -66.6616 Background



This preview shows how black text looks on a background with the YUV color 158.0110, 39.9276, -66.6616.



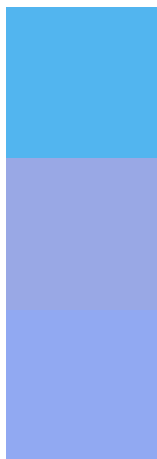
This preview shows how white text looks on a background with the YUV color 158.0110, 39.9276, -66.6616.

-66.6616.

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

158.0110, 39.9276, -66.6616

Protanopia

170.4690, 28.8558, -15.3203

Deuteranopia

170.1460, 35.4240, -22.0530



Tritanopia

152.0360, 25.1253, -78.9616

Trichromacy



Original Color

158.0110, 39.9276, -66.6616

Protanomaly

166.0860, 32.9886, -34.2784

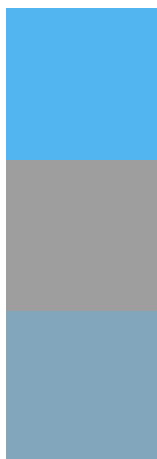
Deuteranomaly

165.5030, 37.2200, -38.1521

Tritanomaly

153.8500, 30.6400, -74.4134

Monochromacy



Original Color

158.0110, 39.9276, -66.6616

Achromatopsia

158.0000, 0.0000, 0.0000

Achromatomaly

157.6300, 14.4794, -24.2315

CSS Examples

Text

The CSS property to change the color of the text to YUV 158.0110, 39.9276, -66.6616 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(82, 181, 239)` looks like.

```
.text, #text, p{  
    color:rgb(82, 181, 239)  
}
```

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(82, 181, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 181, 239) }
```

Border

The CSS property to change the border of an element to YUV 158.0110, 39.9276, -66.6616 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(82, 181, 239) }
```


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

```
.border{ border-color:rgb(82, 181, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(82, 181, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 181, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(82, 181, 239);  
box-shadow:4px 4px 4px 4px rgb(82, 181,  
239) }
```

Background

The CSS property to change the background color of an element to YUV 158.0110, 39.9276, -66.6616 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(82, 181, 239) }
```

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

```
.background{ background-color: rgb(82, 181,  
239) }
```

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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