

Converting Colors

YUV(154.9610, 45.8682,
-58.7248)

Have a look what the booklet for
YUV(154.9610, 45.8682, -58.7248)
contains.

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Color

**YUV(154.9610, 45.8682,
-58.7248)**

Conversions

Conversions Part 1

Format	Color
Hex	58ABF8
RGB	88, 171, 248
RGB Percent	35%, 67%, 97%
CMY	0.6549, 0.3294, 0.0275
CMYK	0.65, 0.31, 0.00, 0.03
HSL	209°, 92%, 66%
HSV	209°, 65%, 97%
XYZ	35.5307, 37.9778, 94.2647
YIQ	154.9610, -74.1850, 6.3510

Conversions

Conversions Part 2

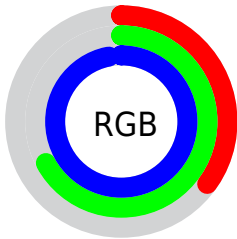
Format	Color
R _Y B	88, 143, 248
Decimal	5811192
CIE Lab	68.00, -1.90, -45.78
CIE LCh	68, 45.821, 267.620
Yxy	37.9778, 0.2118, 0.2264
Android (android.graphics.Color)	4284001272 (0xFF58ABF8)
YUV	154.9610, 45.8682, -58.7248
Hunter-Lab	61.6262, -4.9312, -47.5530

Details

The YUV color **154.9610, 45.8682, -58.7248** is a light color, and the websafe version is hex **6699CC**. The color can be described as light muted azure. A complement of this color would be **181.0390, -45.8682, 58.7248**, and the grayscale version is **155.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **206.8810, 23.7227, -49.0076**, and **91.6270, 48.9909, -80.3569** is the 20% darker color. If you saturate the color by 10%, you get **140.4420, 53.0261, -67.9166**, and if you desaturate by 10%, it is **169.4800, 38.7104, -49.5330**.

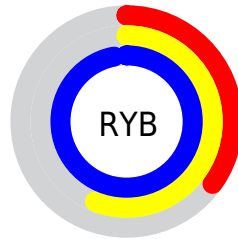
Distribution



Red (35%)

Green (67%)

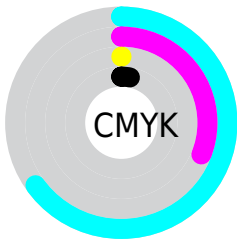
Blue (97%)



Red (35%)

Yellow (56%)

Blue (97%)

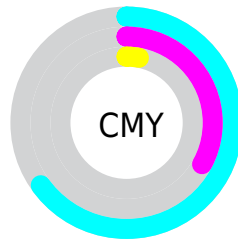


Cyan (65%)

Magenta (31%)

Yellow (0%)

Black (3%)



Cyan (65%)

Magenta (33%)

Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the YUV color 154.9610, 45.8682, -58.7248 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 154.9610, 45.8682, -58.7248 by changing the saturation by 10% instead.

■ 154.9610, 45.8682,
-58.7248

■ 154.9610, 45.8682,
-58.7248

255.0000, 0.0000,
0.0000

■ 125.3300, 46.1793,
-65.1874

■ 206.8810, 23.7227,
-49.0076

■ 91.6270, 48.9909,
-80.3569

■ 233.1730, 10.7607,
-44.8787

■ 74.4610, 44.1427,
-65.3023

■ 242.1430, 6.3385,
-26.4354

■ 57.2950, 39.2946,
-50.2477

■ 251.4120, 1.7689,
-7.3773

■ 42.0040, 34.0150,
-36.8375

■ 27.4140, 28.8829,
-24.0421

■ 10.7040, 25.7819,

-9.3874

■ 6.3210, 16.6037,
-5.5435

■ 2.5250, 7.1362,
-2.2144

■ 154.9610, 45.8682,
-58.7248

■ 154.9610, 45.8682,
-58.7248

■ 140.4420, 53.0261,
-67.9166

■ 169.4800, 38.7104,
-49.5330

■ 125.9230, 60.1840,
-77.1085

■ 183.9990, 31.5525,
-40.3411

■ 111.7030, 67.1944,
-85.6855

■ 198.2190, 24.5420,
-31.7641

■ 103.9950, 70.9945,
-91.2036

■ 212.7380, 17.3842,
-22.5722

■ 227.2570, 10.2263,
-13.3804

■ 241.7760, 3.0684,
-4.1886

■ 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.



133.0370, 50.2678, -116.6734



154.9610, 45.8682, -58.7248



167.8540, 35.0750, -3.3800

Triad

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



154.9610, 45.8682, -58.7248



166.7220, -18.1039, 66.8958



151.3000, -15.4309, -44.1131

Complementary

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



154.9610, 45.8682, -58.7248



181.0390, -45.8682, 58.7248

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.



158.4330, -33.7375, -5.6417



154.9610, 45.8682, -58.7248



164.9210, -33.4851, 53.5663

Square

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



154.9610, 45.8682, -58.7248



168.7380, 1.1152, 62.4968



162.3340, -40.0977, 27.7711



128.1230, 16.2084, -112.3639

Rectangle

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



154.9610, 45.8682, -58.7248



170.8100, 25.2367, 25.5996



162.3340, -40.0977, 27.7711



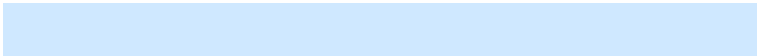
154.4390, -22.8944, -30.2030

Sweetspot

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



154.9610, 45.8682, -58.7248



227.1470, 13.7315, -17.6689



190.4700, -13.5427, -89.8662



110.2250, 8.7631, -10.7213



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.



154.9610, 45.8682, -58.7248



141.2180, 56.0945, -72.1052



109.1750, 68.4407, -18.5705



117.5910, 3.6526, -4.9033



79.0720, 54.1945, -69.3461



25.7380, 17.3842, -22.5722

Inverse Universe

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



145.3020, 12.6691, 90.0661



129.2320, 15.6616, 110.2985



226.8250, -68.4407, 18.5705



116.6850, 1.1413, 7.2923



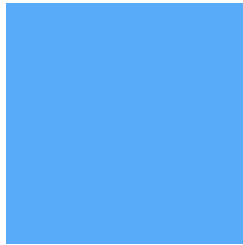
67.6830, 14.9463, 106.3950



21.8870, 4.9857, 34.3021

Previews

White Background



This preview shows how the YUV color 154.9610, 45.8682, -58.7248 looks on a white background.

Color Contrast Check

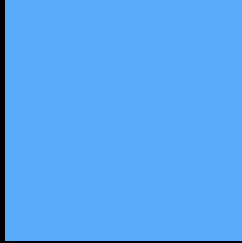
Large Text (above 18pt) WCAG AA × Fail

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 154.9610, 45.8682, -58.7248 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

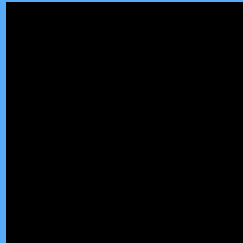
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

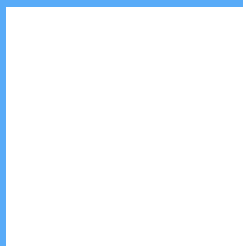
Any Text WCAG AAA ✓ Pass

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

YUV 154.9610, 45.8682, -58.7248 Background



This preview shows how black text looks on a background with the YUV color 154.9610, 45.8682, -58.7248.

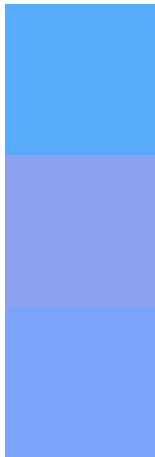


This preview shows how white text looks on a background with the YUV color 154.9610, 45.8682, -58.7248.

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

154.9610, 45.8682, -58.7248

Protanopia

164.1290, 37.8974, -22.0381

Deuteranopia

161.8440, 43.4609, -33.1892



Tritanopia

146.2320, 24.5356, -76.5025

Trichromacy



Original Color

154.9610, 45.8682, -58.7248

Protanomaly

160.5510, 41.1404, -35.5632

Deuteranomaly

159.6040, 44.0722, -42.6257

Tritanomaly

149.3390, 32.3709, -69.5803

Monochromacy



Original Color

154.9610, 45.8682, -58.7248

Achromatopsia

155.0000, 0.0000, 0.0000

Achromatomaly

155.2220, 16.6526, -21.2427

CSS Examples

Text

The CSS property to change the color of the text to YUV 154.9610, 45.8682, -58.7248 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(88, 171, 248)` looks like.

```
.text, #text, p{  
    color:rgb(88, 171, 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(88, 171, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(88, 171, 248) }
```

Border

The CSS property to change the border of an element to YUV 154.9610, 45.8682, -58.7248 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(88, 171, 248) }
```


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

```
.border{ border-color:rgb(88, 171, 248) }
```

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

Here you see how a box with a 4 pixel `rgb(88, 171, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(88, 171, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(88, 171, 248);  
box-shadow:4px 4px 4px 4px rgb(88, 171,  
248) }
```

Background

The CSS property to change the background color of an element to YUV 154.9610, 45.8682, -58.7248 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(88, 171, 248) }
```

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

```
.background{ background-color: rgb(88, 171,  
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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