

Converting Colors

YUV(153.2600, 45.7208,
-58.1100)

Have a look what the booklet for
YUV(153.2600, 45.7208, -58.1100)
contains.

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Color

**YUV(153.2600, 45.7208,
-58.1100)**

Conversions

Conversions Part 1

Format	Color
Hex	57A9F6
RGB	87, 169, 246
RGB Percent	34%, 66%, 96%
CMY	0.6588, 0.3373, 0.0353
CMYK	0.65, 0.31, 0.00, 0.04
HSL	209°, 90%, 65%
HSV	209°, 65%, 96%
XYZ	34.7530, 37.0560, 92.5096
YIQ	153.2600, -73.5890, 6.5630

Conversions

Conversions Part 2

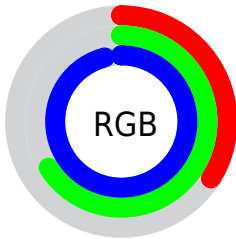
Format	Color
R _Y B	87, 141, 246
Decimal	5745142
CIE Lab	67.32, -1.60, -45.77
CIE LCh	67, 45.800, 268.002
Yxy	37.0560, 0.2115, 0.2255
Android (android.graphics.Color)	4283935222 (0xFF57A9F6)
YUV	153.2600, 45.7208, -58.1100
Hunter-Lab	60.8736, -4.6225, -47.4914

Details

The YUV color **153.2600, 45.7208, -58.1100** 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 **179.7400, -45.7208, 58.1100**, and the grayscale version is **153.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **205.4080, 24.4489, -48.5928**, and **90.2250, 48.6961, -79.1273** is the 20% darker color. If you saturate the color by 10%, you get **138.7410, 52.8787, -67.3019**, and if you desaturate by 10%, it is **167.7790, 38.5630, -48.9182**.

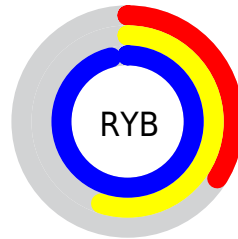
Distribution



Red (34%)

Green (66%)

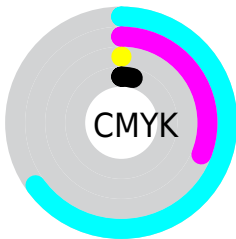
Blue (96%)



Red (34%)

Yellow (55%)

Blue (96%)

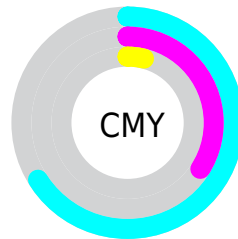


Cyan (65%)

Magenta (31%)

Yellow (0%)

Black (4%)



Cyan (66%)

Magenta (34%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the YUV color 153.2600, 45.7208, -58.1100 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 153.2600, 45.7208, -58.1100 by changing the saturation by 10% instead.

■ 153.2600, 45.7208,
-58.1100

■ 153.2600, 45.7208,
-58.1100

255.0000, 0.0000,
0.0000

■ 123.6290, 46.0319,
-64.5726

■ 205.4080, 24.4489,
-48.5928

■ 90.2250, 48.6961,
-79.1273

■ 230.8140, 11.9237,
-44.5639

■ 73.0590, 43.8479,
-64.0727

■ 241.8440, 6.4859,
-27.0502

■ 56.4800, 38.7104,
-49.5330

■ 250.8140, 2.0637,
-8.6069

■ 40.7160, 34.1570,
-35.7079

■ 26.1260, 29.0249,
-22.9125

■ 10.4760, 24.9083,

-9.1875

■ 6.0930, 15.7302,
-5.3436

■ 2.2970, 6.2626,
-2.0145

■ 153.2600, 45.7208,
-58.1100

■ 153.2600, 45.7208,
-58.1100

■ 138.7410, 52.8787,
-67.3019

■ 167.7790, 38.5630,
-48.9182

■ 124.5210, 59.8891,
-75.8789

■ 181.9990, 31.5525,
-40.3411

■ 110.0020, 67.0470,
-85.0708

■ 196.5180, 24.3946,
-31.1493

■ 102.5930, 70.6997,
-89.9741

■ 210.7380, 17.3842,
-22.5722

■ 225.2570, 10.2263,
-13.3804

■ 239.1890, 3.3578,
-3.6738

■ 252.2130, -3.0630,
2.4442

■ 253.9740, -3.9312,
0.8998

Harmonies

Analogous

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



131.6350, 49.9729, -115.4439



153.2600, 45.7208, -58.1100



166.1530, 34.9276, -2.7652

Triad

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



153.2600, 45.7208, -58.1100



164.6080, -18.5407, 66.9958



149.4140, -14.9941, -44.2131

Complementary

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



153.2600, 45.7208, -58.1100



179.7400, -45.7208, 58.1100

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.



156.5470, -33.3007, -5.7417



153.2600, 45.7208, -58.1100



163.2090, -33.6270, 52.4367

Square

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



153.2600, 45.7208, -58.1100



166.6240, 0.6784, 62.5968



160.6220, -40.2396, 26.6415



126.8350, 16.3503, -111.2343

Rectangle

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



153.2600, 45.7208, -58.1100



168.9950, 24.6525, 26.3144



160.6220, -40.2396, 26.6415



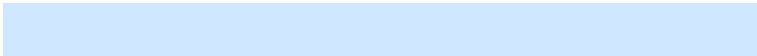
152.2540, -22.3102, -30.9178

Sweetspot

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



153.2600, 45.7208, -58.1100



227.1470, 13.7315, -17.6689



189.1110, -12.3797, -89.5513



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.



153.2600, 45.7208, -58.1100



139.1470, 57.1155, -72.9199



106.8870, 68.5827, -17.4409



114.8900, 3.5052, -4.2885



77.5560, 53.4629, -68.0166



24.3360, 17.0894, -21.3427

Inverse Universe

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



143.8890, 12.3797, 89.5513



127.2430, 15.6562, 112.0429



226.1130, -68.5827, 17.4409



114.2720, 0.8519, 6.7775



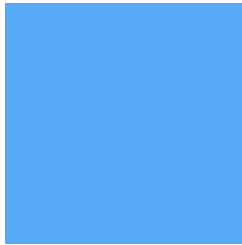
66.5580, 14.5149, 104.7506



21.0610, 4.4069, 33.2725

Previews

White Background



This preview shows how the YUV color 153.2600, 45.7208, -58.1100 looks on a white background.

Color Contrast Check

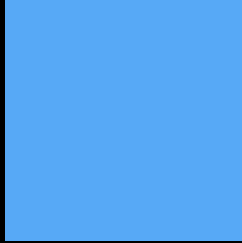
Large Text (above 18pt) WCAG AA × Fail

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 153.2600, 45.7208, -58.1100 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

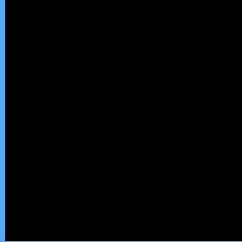
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

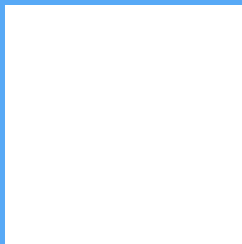
Any Text WCAG AAA ✓ Pass

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

YUV 153.2600, 45.7208, -58.1100 Background



This preview shows how black text looks on a background with the YUV color 153.2600, 45.7208, -58.1100.



This preview shows how white text looks on a background with the YUV color 153.2600, 45.7208, -58.1100.

-58.1100.

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

153.2600, 45.7208, -58.1100

Protanopia

162.1290, 37.8974, -22.0381

Deuteranopia

159.8440, 43.4609, -33.1892



Tritanopia

144.5310, 24.3882, -75.8877

Trichromacy



Original Color

153.2600, 45.7208, -58.1100

Protanomaly

158.8500, 40.9930, -34.9484

Deuteranomaly

157.6040, 44.0722, -42.6257

Tritanomaly

147.6380, 32.2235, -68.9655

Monochromacy



Original Color

153.2600, 45.7208, -58.1100

Achromatopsia

153.0000, 0.0000, 0.0000

Achromatomaly

153.2220, 16.6526, -21.2427

CSS Examples

Text

The CSS property to change the color of the text to YUV 153.2600, 45.7208, -58.1100 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, 169, 246)` looks like.

```
.text, #text, p{  
    color:rgb(87, 169, 246)  
}
```

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, 169, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(87, 169, 246) }
```

Border

The CSS property to change the border of an element to YUV 153.2600, 45.7208, -58.1100 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, 169, 246) }
```


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

```
.border{ border-color:rgb(87, 169, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(87, 169, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(87, 169, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(87, 169, 246);  
box-shadow:4px 4px 4px 4px rgb(87, 169,  
246) }
```

Background

The CSS property to change the background color of an element to YUV 153.2600, 45.7208, -58.1100 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(87, 169, 246) }
```

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

```
.background{ background-color: rgb(87, 169,  
246) }
```

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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