

Converting Colors

YUV(118.3920, 65.8687,
-33.6698)

Have a look what the booklet for
YUV(118.3920, 65.8687, -33.6698)
contains.

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Color

**YUV(118.3920, 65.8687,
-33.6698)**

Conversions

Conversions Part 1

Format	Color
Hex	5070FC
RGB	80, 112, 252
RGB Percent	31%, 44%, 99%
CMY	0.6863, 0.5608, 0.0118
CMYK	0.68, 0.56, 0.00, 0.01
HSL	229°, 97%, 65%
HSV	229°, 68%, 99%
XYZ	26.6731, 20.3221, 94.6122
YIQ	118.3920, -64.0120, 36.7560

Conversions

Conversions Part 2

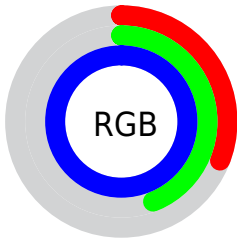
Format	Color
R _Y B	80, 107, 252
Decimal	5271804
CIE Lab	52.20, 33.39, -73.26
CIE LCh	52, 80.514, 294.500
Yxy	20.3221, 0.1884, 0.1435
Android (android.graphics.Color)	4283461884 (0xFF5070FC)
YUV	118.3920, 65.8687, -33.6698
Hunter-Lab	45.0800, 26.7255, -92.8795

Details

The YUV color **118.3920, 65.8687, -33.6698** is a light color, and the websafe version is hex **3366FF**. The color can be described as light muted azure. A complement of this color would be **213.6080, -65.8687, 33.6698**, and the grayscale version is **118.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **168.7040, 42.5439, -19.0344**, and **60.2710, 65.9284, -52.8577** is the 20% darker color. If you saturate the color by 10%, you get **98.5900, 75.6311, -38.2284**, and if you desaturate by 10%, it is **138.1940, 56.1064, -29.1111**.

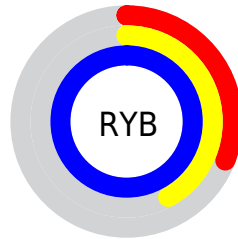
Distribution



Red (31%)

Green (44%)

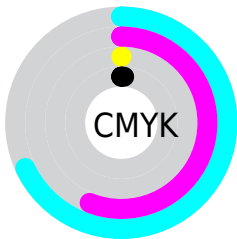
Blue (99%)



Red (31%)

Yellow (42%)

Blue (99%)

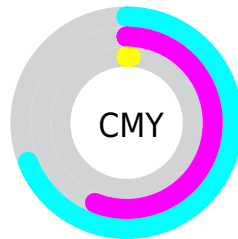


Cyan (68%)

Magenta (56%)

Yellow (0%)

Black (1%)



Cyan (69%)

Magenta (56%)

Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the YUV color 118.3920, 65.8687, -33.6698 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 118.3920, 65.8687, -33.6698 by changing the saturation by 10% instead.

■ 118.3920, 65.8687,
-33.6698

■ 118.3920, 65.8687,
-33.6698

255.0000, 0.0000,
0.0000

■ 87.5430, 66.7803,
-46.0802

■ 168.7040, 42.5439,
-19.0344

■ 60.2710, 65.9284,
-52.8577

■ 193.8220, 30.1608,
-13.8759

■ 44.7520, 59.7753,
-39.2475

■ 219.5270, 17.4882,
-9.2322

■ 30.5210, 53.4801,
-26.7669

■ 245.8190, 4.5262,
-5.1033

■ 14.0560, 48.7794,
-12.3271

■ 16.9620, 34.5287,
-14.8757

■ 10.7040, 25.7819,

-9.3874

■ 6.3210, 16.6037,
-5.5435

■ 2.6390, 7.5730,
-2.3144

■ 118.3920, 65.8687,
-33.6698

■ 118.3920, 65.8687,
-33.6698

■ 98.5900, 75.6311,
-38.2284

■ 138.1940, 56.1064,
-29.1111

■ 79.3750, 85.1041,
-43.3019

■ 157.4090, 46.6334,
-24.0377

■ 59.2740, 95.0139,
-48.4753

■ 177.5100, 36.7236,
-18.8643

■ 56.3170, 96.4717,
-49.3900

■ 196.7250, 27.2506,
-13.7908

■ 216.5270, 17.4882,
-9.2322

■ 235.7420, 8.0152,
-4.1587

254.6580, -1.3104,
0.2999

Harmonies

Analogous

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



109.4890, 71.7369, -96.0219



118.3920, 65.8687, -33.6698



123.4550, 40.6947, 60.9910

Triad

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



118.3920, 65.8687, -33.6698



112.9840, -55.7011, 85.9600



102.2370, 3.3342, -89.6618

Complementary

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



118.3920, 65.8687, -33.6698



213.6080, -65.8687, 33.6698

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.



90.5240, -28.8523, -79.3895



118.3920, 65.8687, -33.6698



117.1170, -57.7387, 39.3624

Square

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



118.3920, 65.8687, -33.6698



102.2740, -14.9251, 120.7857



109.1230, -53.7976, -11.5089



110.9180, 34.0574, -97.2751

Rectangle

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



118.3920, 65.8687, -33.6698



108.1740, 27.0292, 104.2104



109.1230, -53.7976, -11.5089



98.3270, -6.5702, -86.2328

Sweetspot

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



118.3920, 65.8687, -33.6698



215.0970, 19.6722, -9.7321



196.6960, 10.5029, -102.3424



104.0560, 11.8044, -6.1881



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.



118.3920, 65.8687, -33.6698



92.7190, 80.0045, -40.9726



115.1560, 67.4641, 14.7722



115.2430, 4.8102, -2.8441



42.0910, 72.4261, -36.9138



13.4110, 23.4614, -11.7614

Inverse Universe

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



135.0760, -11.3765, 102.5423



112.9370, -13.7729, 124.5893



216.8440, -67.4641, -14.7722



116.2290, -0.6059, 7.6922



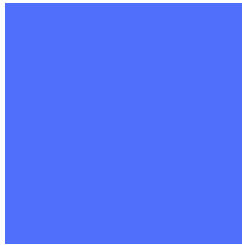
60.5010, -12.5720, 112.6936



19.4930, -4.1870, 36.4016

Previews

White Background



This preview shows how the YUV color 118.3920, 65.8687, -33.6698 looks on a white background.

Color Contrast Check

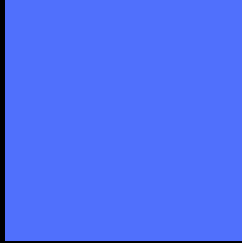
Large Text (above 18pt) WCAG AA ✓ Pass

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 118.3920, 65.8687, -33.6698 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

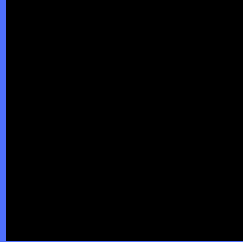
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 118.3920, 65.8687, -33.6698 Background



This preview shows how black text looks on a background with the YUV color 118.3920, 65.8687, -33.6698.



This preview shows how white text looks on a background with the YUV color 118.3920, 65.8687, -33.6698.

-33.6698.

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

118.3920, 65.8687, -33.6698

Protanopia

98.6950, 76.0724, -86.5555

Deuteranopia

99.5150, 58.9061, -87.2747



Tritanopia

97.2910, 24.9995, -85.3242

Trichromacy



Original Color

118.3920, 65.8687, -33.6698

Protanomaly

105.6050, 72.6657, -67.1826

Deuteranomaly

106.6190, 61.3198, -68.0719

Tritanomaly

105.0110, 39.9276, -66.6616

Monochromacy



Original Color

118.3920, 65.8687, -33.6698

Achromatopsia

118.0000, 0.0000, 0.0000

Achromatomaly

118.2260, 24.0456, -12.4762

CSS Examples

Text

The CSS property to change the color of the text to YUV 118.3920, 65.8687, -33.6698 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(80, 112, 252)` looks like.

```
.text, #text, p{  
    color:rgb(80, 112, 252)  
}
```

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(80, 112, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(80, 112, 252) }
```

Border

The CSS property to change the border of an element to YUV 118.3920, 65.8687, -33.6698 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(80, 112, 252) }
```


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

```
.border{ border-color:rgb(80, 112, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(80, 112, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(80, 112, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(80, 112, 252);  
box-shadow:4px 4px 4px 4px rgb(80, 112,  
252) }
```

Background

The CSS property to change the background color of an element to YUV 118.3920, 65.8687, -33.6698 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(80, 112, 252) }
```

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

```
.background{ background-color: rgb(80, 112,  
252) }
```

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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