

Converting Colors

YUV(135.4800, 58.9234,
-46.0250)

Have a look what the booklet for
YUV(135.4800, 58.9234, -46.0250)
contains.

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Color

**YUV(135.4800, 58.9234,
-46.0250)**

Conversions

Conversions Part 1

Format	Color
Hex	538BFF
RGB	83, 139, 255
RGB Percent	33%, 55%, 100%
CMY	0.6745, 0.4549, 0.0000
CMYK	0.67, 0.45, 0.00, 0.00
HSL	220°, 100%, 66%
HSV	220°, 67%, 100%
XYZ	30.8499, 27.5242, 98.2945
YIQ	135.4800, -70.6120, 24.2040

Conversions

Conversions Part 2

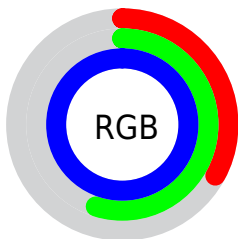
Format	Color
R _Y B	83, 125, 255
Decimal	5475327
CIE Lab	59.46, 18.37, -63.20
CIE LCh	59, 65.814, 286.211
Yxy	27.5242, 0.1969, 0.1757
Android (android.graphics.Color)	4283665407 (0xFF538BFF)
YUV	135.4800, 58.9234, -46.0250
Hunter-Lab	52.4635, 13.1513, -74.3599

Details

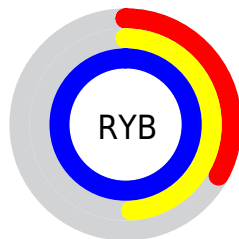
The YUV color **135.4800, 58.9234, -46.0250** is a light color, and the websafe version is hex **6699FF**. The color can be described as light muted azure. A complement of this color would be **202.5200, -58.9234, 46.0250**, and the grayscale version is **135.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **186.0260, 34.0042, -33.3488**, and **75.2880, 60.0040, -66.0276** is the 20% darker color. If you saturate the color by 10%, you get **117.7270, 67.6756, -53.2576**, and if you desaturate by 10%, it is **152.9340, 50.3185, -39.4071**.

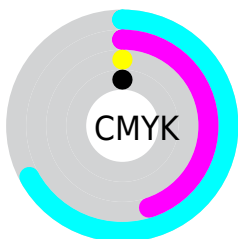
Distribution



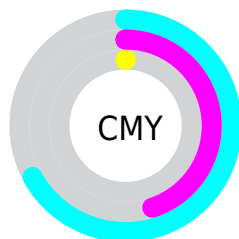
- Red (33%)
- Green (55%)
- Blue (100%)



- Red (33%)
- Yellow (49%)
- Blue (100%)



- Cyan (67%)
- Magenta (45%)
- Yellow (0%)
- Black (0%)



- Cyan (67%)
- Magenta (45%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 135.4800, 58.9234, -46.0250 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 135.4800, 58.9234, -46.0250 by changing the saturation by 10% instead.

■ 135.4800, 58.9234,
-46.0250

■ 135.4800, 58.9234,
-46.0250

255.0000, 0.0000,
0.0000

■ 104.9410, 59.6821,
-56.0763

■ 186.0260, 34.0042,
-33.3488

■ 75.2880, 60.0040,
-66.0276

■ 211.7310, 21.3316,
-28.7051

■ 58.7090, 54.8665,
-51.4878

■ 237.4360, 8.6591,
-24.0614

■ 43.3040, 49.1501,
-37.9776

■ 250.8140, 2.0637,
-8.6069

■ 29.0730, 42.8550,
-25.4970

■ 10.9610, 39.4592,
-9.6128

■ 11.6330, 26.8029,

-10.2021

■ 6.6630, 17.9141,
-5.8435

■ 3.0950, 9.3202,
-2.7143

■ 135.4800, 58.9234,
-46.0250

■ 135.4800, 58.9234,
-46.0250

■ 117.7270, 67.6756,
-53.2576

■ 152.9340, 50.3185,
-39.4071

■ 100.2730, 76.2804,
-59.8754

■ 170.6870, 41.5663,
-32.1745

■ 82.2320, 85.1746,
-65.9785

■ 189.0270, 32.5247,
-25.4567

■ 77.7910, 87.3640,
-68.2227

■ 206.4810, 23.9199,
-18.8388

■ 224.2340, 15.1676,
-11.6062

■ 241.6880, 6.5628,
-4.9884

255.0000, 0.0000,
0.0000

Harmonies

Analogous

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



121.2290, 65.9491, -106.3178



135.4800, 58.9234, -46.0250



147.1820, 37.8713, 33.1664

Triad

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



135.4800, 58.9234, -46.0250



137.9460, -37.9344, 80.7314



111.6120, 1.1773, -97.8837

Complementary

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



135.4800, 58.9234, -46.0250



202.5200, -58.9234, 46.0250

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.



122.7070, -32.8866, -45.3470



135.4800, 58.9234, -46.0250



135.5160, -62.8654, 50.4135

Square

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



135.4800, 58.9234, -46.0250



137.3310, -11.5022, 96.1797



130.5080, -64.3404, 10.0785



119.6260, 26.8064, -104.9120

Rectangle

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



135.4800, 58.9234, -46.0250



144.5040, 22.9225, 67.9640



130.5080, -64.3404, 10.0785



108.7450, -7.2693, -95.3694

Sweetspot

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



135.4800, 58.9234, -46.0250



219.7930, 17.3571, -13.8505



197.0740, 0.4565, -100.0429



106.4040, 10.6468, -8.2473



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.



135.4800, 58.9234, -46.0250



111.5140, 70.7386, -55.7018



111.2790, 70.8545, 0.6323



118.8300, 4.5208, -3.3589



58.1680, 65.4862, -51.0133



19.6230, 21.8779, -17.2094

Inverse Universe

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



140.8120, -0.8933, 100.1429



117.6450, -0.8110, 120.4603



226.7210, -70.8545, -0.6323



119.3430, -0.1691, 7.5922



64.1770, -1.0733, 111.2238



21.5300, -0.2613, 37.2462

Previews

White Background



This preview shows how the YUV color 135.4800, 58.9234, -46.0250 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 135.4800, 58.9234, -46.0250 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

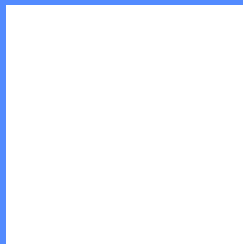
Any Text WCAG AAA × Fail

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

YUV 135.4800, 58.9234, -46.0250 Background



This preview shows how black text looks on a background with the YUV color 135.4800, 58.9234, -46.0250.



This preview shows how white text looks on a background with the YUV color 135.4800, 58.9234, -46.0250.

-46.0250.

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

135.4800, 58.9234, -46.0250

Protanopia

135.9750, 58.1863, -42.9511

Deuteranopia

124.8350, 63.6783, -77.9083



Tritanopia

112.2400, 28.9687, -98.4345

Trichromacy



Original Color

135.4800, 58.9234, -46.0250

Protanomaly

135.6760, 58.3337, -43.5659

Deuteranomaly

128.7440, 61.7512, -66.4275

Tritanomaly

120.6350, 40.1129, -79.4869

Monochromacy



Original Color

135.4800, 58.9234, -46.0250

Achromatopsia

135.0000, 0.0000, 0.0000

Achromatomaly

134.9220, 21.7305, -16.5946

CSS Examples

Text

The CSS property to change the color of the text to YUV 135.4800, 58.9234, -46.0250 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(83, 139, 255)` looks like.

```
.text, #text, p{  
    color:rgb(83, 139, 255)  
}
```

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(83, 139, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(83, 139, 255) }
```

Border

The CSS property to change the border of an element to YUV 135.4800, 58.9234, -46.0250 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(83, 139, 255) }
```


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

```
.border{ border-color:rgb(83, 139, 255) }
```

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

Here you see how a box with a 4 pixel rgb(83, 139, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(83, 139, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(83, 139, 255);  
box-shadow:4px 4px 4px 4px rgb(83, 139,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 135.4800, 58.9234, -46.0250 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(83, 139, 255) }
```

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

```
.background{ background-color: rgb(83, 139,  
255) }
```

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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