

Converting Colors

YUV(118.6560, 55.3856,
-31.2703)

Have a look what the booklet for
YUV(118.6560, 55.3856, -31.2703)
contains.

YUV(118.6560, 55.3856, -31.2703)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(118.6560, 55.3856,
-31.2703)**

Conversions

Conversions Part 1

Format	Color
Hex	5373E7
RGB	83, 115, 231
RGB Percent	33%, 45%, 91%
CMY	0.6745, 0.5490, 0.0941
CMYK	0.64, 0.50, 0.00, 0.09
HSL	227°, 76%, 62%
HSV	227°, 64%, 91%
XYZ	24.1218, 19.8700, 78.1652
YIQ	118.6560, -56.3080, 29.2920

Conversions

Conversions Part 2

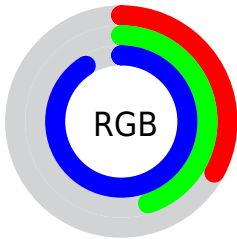
Format	Color
R _Y B	83, 109, 231
Decimal	5469159
CIE Lab	51.69, 24.80, -62.37
CIE LCh	52, 67.122, 291.680
Yxy	19.8700, 0.1975, 0.1627
Android (android.graphics.Color)	4283659239 (0xFF5373E7)
YUV	118.6560, 55.3856, -31.2703
Hunter-Lab	44.5758, 18.5862, -72.7642

Details

The YUV color **118.6560, 55.3856, -31.2703** is a dark color, and the websafe version is hex **3366CC**. The color can be described as middle muted azure. A complement of this color would be **195.3440, -55.3856, 31.2703**, and the grayscale version is **118.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **170.4540, 41.6812, -22.3232**, and **59.7520, 56.3243, -52.4025** is the 20% darker color. If you saturate the color by 10%, you get **101.2130, 63.9850, -36.1438**, and if you desaturate by 10%, it is **136.0990, 46.7862, -26.3968**.

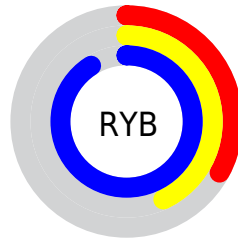
Distribution



Red (33%)

Green (45%)

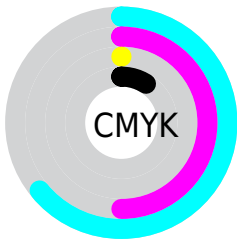
Blue (91%)



Red (33%)

Yellow (43%)

Blue (91%)

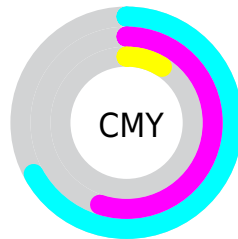


Cyan (64%)

Magenta (50%)

Yellow (0%)

Black (9%)



Cyan (67%)

Magenta (55%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the YUV color 118.6560, 55.3856, -31.2703 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 118.6560, 55.3856, -31.2703 by changing the saturation by 10% instead.

■ 118.6560, 55.3856,
-31.2703

■ 118.6560, 55.3856,
-31.2703

255.0000, 0.0000,
0.0000

■ 90.1990, 55.1179,
-38.7625

■ 170.4540, 41.6812,
-22.3232

■ 59.7520, 56.3243,
-52.4025

■ 195.5720, 29.2980,
-17.1646

■ 43.7600, 50.8973,
-38.3775

■ 220.3910, 17.0622,
-12.6209

■ 29.6430, 45.0390,
-25.9969

■ 246.3840, 4.2477,
-9.1068

■ 11.4170, 41.2064,
-10.0127

■ 12.7900, 28.6975,
-11.2168

■ 7.7060, 19.3719,

-6.7582

■ 3.5510, 11.0674,
-3.1142

■ 0.0000, 0.0000,
0.0000

■ 118.6560, 55.3856,
-31.2703

■ 118.6560, 55.3856,
-31.2703

■ 101.2130, 63.9850,
-36.1438

■ 136.0990, 46.7862,
-26.3968

■ 83.7700, 72.5844,
-41.0173

■ 153.5420, 38.1868,
-21.5233

■ 66.3270, 81.1838,
-45.8908

■ 170.9850, 29.5874,
-16.6498

■ 55.6840, 86.4308,
-48.8349

■ 188.4280, 20.9880,
-11.7764

■ 206.7570, 11.9518,
-6.8029

■ 224.2000, 3.3524,
-1.9294

■ 241.6430, -5.2470,
2.9441

■ 252.2640,
-10.4832, 2.3995

Harmonies

Analogous

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



106.3770, 64.8901, -93.2926



118.6560, 55.3856, -31.2703



125.3360, 34.3444, 44.4323

Triad

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



118.6560, 55.3856, -31.2703



116.6480, -42.7175, 74.8537



98.8460, 3.0339, -86.6879

Complementary

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



118.6560, 55.3856, -31.2703



195.3440, -55.3856, 31.2703

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.



91.7620, -23.0537, -72.5823



118.6560, 55.3856, -31.2703



115.9430, -57.1599, 40.3920

Square

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



118.6560, 55.3856, -31.2703



113.3480, -13.9756, 96.1648



110.6620, -54.5564, -1.4576



106.1590, 28.5156, -93.1014

Rectangle

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



118.6560, 55.3856, -31.2703



119.5760, 20.4220, 76.6708



110.6620, -54.5564, -1.4576



95.9790, -5.4126, -84.1736

Sweetspot

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



118.6560, 55.3856, -31.2703



218.3420, 18.0724, -9.9469



183.1000, 7.8387, -87.7877



105.5290, 11.0782, -6.6029



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.



118.6560, 55.3856, -31.2703



105.9980, 73.4580, -41.2172



112.4300, 58.4550, 11.0239



106.1290, 4.3734, -2.7441



43.2990, 66.9006, -37.9732



12.2710, 19.0934, -10.7617

Inverse Universe

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



130.9000, -7.8387, 87.7877



122.3920, -10.5463, 116.2972



201.5700, -58.4550, -11.0239



106.9300, -0.4585, 7.0774



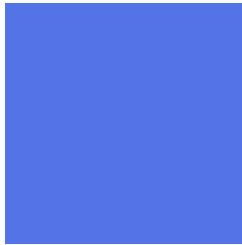
57.9670, -9.3507, 106.1459



16.5030, -2.7130, 30.2539

Previews

White Background



This preview shows how the YUV color 118.6560, 55.3856, -31.2703 looks on a white background.

Color Contrast Check

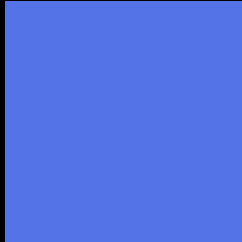
Large Text (above 18pt) WCAG AA ✓ Pass

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 118.6560, 55.3856, -31.2703 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 118.6560, 55.3856, -31.2703

Background



This preview shows how black text looks on a background with the YUV color 118.6560, 55.3856, -31.2703.



This preview shows how white text looks on a background with the YUV color 118.6560, 55.3856, -31.2703.

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

118.6560, 55.3856, -31.2703

Protanopia

113.3870, 59.9552, -50.3284

Deuteranopia

98.4550, 59.9217, -86.3450



Tritanopia

105.4570, 19.9877, -64.4218

Trichromacy



Original Color

118.6560, 55.3856, -31.2703

Protanomaly

115.6760, 58.3337, -43.5659

Deuteranomaly

105.5330, 58.4042, -66.2424

Tritanomaly

110.5630, 32.7534, -52.2368

Monochromacy



Original Color

118.6560, 55.3856, -31.2703

Achromatopsia

119.0000, 0.0000, 0.0000

Achromatomaly

119.2000, 20.1144, -11.5764

CSS Examples

Text

The CSS property to change the color of the text to YUV 118.6560, 55.3856, -31.2703 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, 115, 231)` looks like.

```
.text, #text, p{  
    color:rgb(83, 115, 231)  
}
```

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, 115, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(83, 115, 231) }
```

Border

The CSS property to change the border of an element to YUV 118.6560, 55.3856, -31.2703 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, 115, 231) }
```


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

```
.border{ border-color:rgb(83, 115, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(83, 115, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(83, 115, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(83, 115, 231);  
box-shadow:4px 4px 4px 4px rgb(83, 115,  
231) }
```

Background

The CSS property to change the background color of an element to YUV 118.6560, 55.3856, -31.2703 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(83, 115, 231) }
```

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

```
.background{ background-color: rgb(83, 115,  
231) }
```

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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