

Converting Colors

YUV(118.1290, 54.6594,
-31.6851)

Have a look what the booklet for
YUV(118.1290, 54.6594, -31.6851)
contains.

YUV(118.1290, 54.6594, -31.6851)	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(118.1290, 54.6594,
-31.6851)**

Conversions

Conversions Part 1

Format	Color
Hex	5273E5
RGB	82, 115, 229
RGB Percent	32%, 45%, 90%
CMY	0.6784, 0.5490, 0.1020
CMYK	0.64, 0.50, 0.00, 0.10
HSL	227°, 74%, 61%
HSV	227°, 64%, 90%
XYZ	23.7533, 19.7124, 76.6817
YIQ	118.1290, -56.2620, 28.4580

Conversions

Conversions Part 2

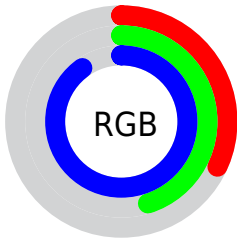
Format	Color
R _Y B	82, 109, 229
Decimal	5403621
CIE Lab	51.51, 23.95, -61.54
CIE LCh	52, 66.038, 291.263
Yxy	19.7124, 0.1977, 0.1641
Android (android.graphics.Color)	4283593701 (0xFF5273E5)
YUV	118.1290, 54.6594, -31.6851
Hunter-Lab	44.3987, 17.7996, -71.3216

Details

The YUV color **118.1290, 54.6594, -31.6851** 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 **192.8710, -54.6594, 31.6851**, and the grayscale version is **118.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **170.1550, 41.8286, -22.9379**, and **59.6380, 55.8875, -52.3025** is the 20% darker color. If you saturate the color by 10%, you get **100.6860, 63.2588, -36.5586**, and if you desaturate by 10%, it is **135.5720, 46.0600, -26.8116**.

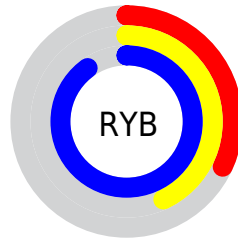
Distribution



Red (32%)

Green (45%)

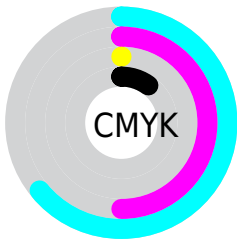
Blue (90%)



Red (32%)

Yellow (43%)

Blue (90%)

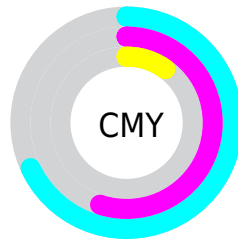


Cyan (64%)

Magenta (50%)

Yellow (0%)

Black (10%)



Cyan (68%)

Magenta (55%)

Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the YUV color 118.1290, 54.6594, -31.6851 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 118.1290, 54.6594, -31.6851 by changing the saturation by 10% instead.

■ 118.1290, 54.6594,
-31.6851

■ 118.1290, 54.6594,
-31.6851

255.0000, 0.0000,
0.0000

■ 89.6720, 54.3917,
-39.1773

■ 170.1550, 41.8286,
-22.9379

■ 59.6380, 55.8875,
-52.3025

■ 194.9740, 29.5928,
-18.3942

■ 43.5320, 50.0237,
-38.1776

■ 219.7930, 17.3571,
-13.8505

■ 29.4150, 44.1654,
-25.7970

■ 246.0850, 4.3951,
-9.7215

■ 11.3030, 40.7696,
-9.9127

■ 12.5620, 27.8239,
-11.0169

■ 7.0050, 19.2245,

-6.1434

■ 3.3230, 10.1938,
-2.9143

■ 0.0000, 0.0000,
0.0000

■ 118.1290, 54.6594,
-31.6851

■ 118.1290, 54.6594,
-31.6851

■ 100.6860, 63.2588,
-36.5586

■ 135.5720, 46.0600,
-26.8116

■ 83.2430, 71.8582,
-41.4321

■ 153.0150, 37.4606,
-21.9382

■ 66.3870, 80.1682,
-46.8204

■ 169.8710, 29.1506,
-16.5499

■ 56.0430, 85.2678,
-49.1497

■ 187.3140, 20.5512,
-11.6764

■ 204.7570, 11.9518,
-6.8029

■ 221.9010, 3.4998,
-2.5442

■ 238.7570, -4.8102,
2.8441

■ 252.0360,
-11.3567, 2.5994

Harmonies

Analogous

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



105.4480, 63.8691, -92.4779



118.1290, 54.6594, -31.6851



125.2110, 33.9130, 42.7880

Triad

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



118.1290, 54.6594, -31.6851



115.9900, -41.4071, 74.5538



98.1450, 2.8865, -86.0732

Complementary

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



118.1290, 54.6594, -31.6851



192.8710, -54.6594, 31.6851

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.



94.1650, -24.2383, -65.9197



118.1290, 54.6594, -31.6851



115.3560, -56.8705, 40.9068

Square

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



118.1290, 54.6594, -31.6851



113.4510, -13.5333, 94.3205



110.3740, -54.4144, -0.3280



105.3440, 27.9314, -92.3867

Rectangle

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



118.1290, 54.6594, -31.6851



120.0380, 19.7013, 74.5117



110.3740, -54.4144, -0.3280



95.2780, -5.5601, -83.5588

Sweetspot

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



118.1290, 54.6594, -31.6851



218.3420, 18.0724, -9.9469



181.1710, 6.8177, -86.9730



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.



118.1290, 54.6594, -31.6851



107.1720, 72.8792, -42.2468



110.4190, 58.4604, 9.2795



106.1290, 4.3734, -2.7441



43.8860, 66.6112, -38.4880



12.2710, 19.0934, -10.7617

Inverse Universe

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



129.7150, -7.2545, 87.0729



122.6200, -9.6727, 116.0973



200.5810, -58.4604, -9.2795



106.9300, -0.4585, 7.0774



58.0810, -8.9139, 106.0460



16.5030, -2.7130, 30.2539

Previews

White Background



This preview shows how the YUV color 118.1290, 54.6594, -31.6851 looks on a white background.

Color Contrast Check

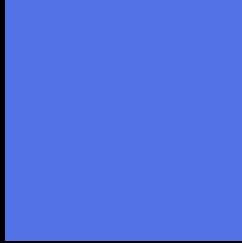
Large Text (above 18pt) WCAG AA ✓ Pass

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 118.1290, 54.6594, -31.6851 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

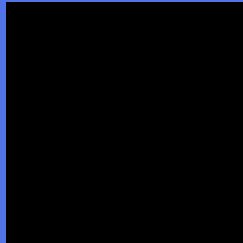
Any Text WCAG AA ✓ Pass

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 118.1290, 54.6594, -31.6851 Background



This preview shows how black text looks on a background with the YUV color 118.1290, 54.6594, -31.6851.



This preview shows how white text looks on a background with the YUV color 118.1290, 54.6594, -31.6851.

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

118.1290, 54.6594, -31.6851

Protanopia

113.0560, 58.6394, -48.2841

Deuteranopia

98.3410, 59.4849, -86.2451



Tritanopia

105.1580, 20.1351, -65.0366

Trichromacy



Original Color

118.1290, 54.6594, -31.6851

Protanomaly

115.0460, 57.1653, -42.1363

Deuteranomaly

105.4190, 57.9674, -66.1425

Tritanomaly

110.1500, 32.4641, -52.7516

Monochromacy



Original Color

118.1290, 54.6594, -31.6851

Achromatopsia

118.0000, 0.0000, 0.0000

Achromatomaly

118.0860, 19.6776, -11.4764

CSS Examples

Text

The CSS property to change the color of the text to YUV 118.1290, 54.6594, -31.6851 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(82, 115, 229)` looks like.

```
.text, #text, p{  
    color:rgb(82, 115, 229)  
}
```

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(82, 115, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 115, 229) }
```

Border

The CSS property to change the border of an element to YUV 118.1290, 54.6594, -31.6851 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(82, 115, 229) }
```


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

```
.border{ border-color:rgb(82, 115, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(82, 115, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 115, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(82, 115, 229);  
box-shadow:4px 4px 4px 4px rgb(82, 115,  
229) }
```

Background

The CSS property to change the background color of an element to YUV 118.1290, 54.6594, -31.6851 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(82, 115, 229) }
```

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

```
.background{ background-color: rgb(82, 115,  
229) }
```

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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