

Converting Colors

YUV(119.2800, 38.8090,
-34.4486)

Have a look what the booklet for
YUV(119.2800, 38.8090, -34.4486)
contains.

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Color

**YUV(119.2800, 38.8090,
-34.4486)**

Conversions

Conversions Part 1

Format	Color
Hex	507CC6
RGB	80, 124, 198
RGB Percent	31%, 49%, 78%
CMY	0.6863, 0.5137, 0.2235
CMYK	0.60, 0.37, 0.00, 0.22
HSL	218°, 51%, 55%
HSV	218°, 60%, 78%
XYZ	20.7090, 20.1980, 56.2332
YIQ	119.2800, -49.9780, 13.6860

Conversions

Conversions Part 2

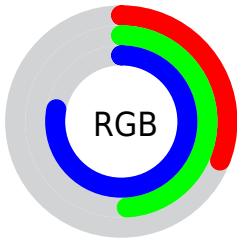
Format	Color
R _Y B	80, 112, 198
Decimal	5274822
CIE Lab	52.06, 7.50, -43.12
CIE LCh	52, 43.766, 279.874
Yxy	20.1980, 0.2132, 0.2079
Android (android.graphics.Color)	4283464902 (0xFF507CC6)
YUV	119.2800, 38.8090, -34.4486
Hunter-Lab	44.9422, 3.6024, -42.7262

Details

The YUV color **119.2800, 38.8090, -34.4486** is a dark color, and the websafe version is hex **336699**. The color can be described as middle muted azure. A complement of this color would be **158.7200, -38.8090, 34.4486**, and the grayscale version is **119.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **173.6440, 40.1085, -31.2598**, and **61.0280, 40.9052, -53.5216** is the 20% darker color. If you saturate the color by 10%, you get **106.2560, 45.2298, -40.5665**, and if you desaturate by 10%, it is **132.3040, 32.3881, -28.3306**.

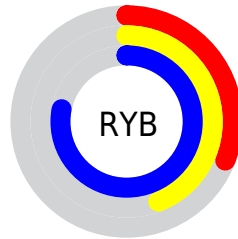
Distribution



Red (31%)

Green (49%)

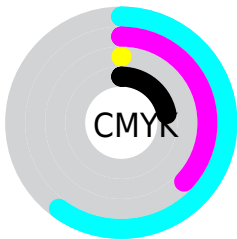
Blue (78%)



Red (31%)

Yellow (44%)

Blue (78%)

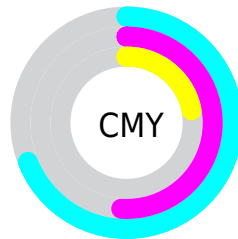


Cyan (60%)

Magenta (37%)

Yellow (0%)

Black (22%)



Cyan (69%)

Magenta (51%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the YUV color 119.2800, 38.8090, -34.4486 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 119.2800, 38.8090, -34.4486 by changing the saturation by 10% instead.

■ 119.2800, 38.8090,
-34.4486

■ 119.2800, 38.8090,
-34.4486

255.0000, 0.0000,
0.0000

■ 91.8450, 38.5304,
-38.4521

■ 173.6440, 40.1085,
-31.2598

■ 61.0280, 40.9052,
-53.5216

■ 198.7510, 27.7308,
-27.8456

■ 45.1500, 35.9150,
-39.5966

■ 223.8580, 15.3530,
-24.4315

■ 29.8590, 30.6355,
-26.1863

■ 246.0300, 4.4222,
-18.4433

■ 13.1490, 27.5345,
-11.5317

■ 6.8910, 18.7877,
-6.0434

■ 3.3230, 10.1938,

-2.9143

■ 0.0000, 0.0000,
0.0000

■ 119.2800, 38.8090,
-34.4486

■ 119.2800, 38.8090,
-34.4486

■ 106.2560, 45.2298,
-40.5665

■ 132.3040, 32.3881,
-28.3306

■ 92.6450, 51.9400,
-46.1697

■ 145.9150, 25.6779,
-22.7275

■ 79.9200, 58.2134,
-51.6728

■ 158.6400, 19.4045,
-17.2243

■ 66.3090, 64.9237,
-57.2760

■ 172.2510, 12.6943,
-11.6211

■ 66.0100, 65.0711,
-57.8908

■ 185.2750, 6.2734,
-5.5032

■ 198.8860, -0.4368,
0.1000

■ 211.9100, -6.8576,
6.2179

■ 224.6350,
-13.1311, 11.7211

■ 237.3490,
-19.3991, 15.4799

Harmonies

Analogous

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



101.3610, 45.6710, -88.8936



119.2800, 38.8090, -34.4486



127.4880, 26.8744, 13.6040

Triad

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



119.2800, 38.8090, -34.4486



123.2170, -22.2920, 56.8147



102.4960, -2.7095, -64.4560

Complementary

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



119.2800, 38.8090, -34.4486



158.7200, -38.8090, 34.4486

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.



114.9350, -25.1110, -19.2370



119.2800, 38.8090, -34.4486



122.0070, -34.0205, 38.5819

Square

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



119.2800, 38.8090, -34.4486



124.3050, -5.5734, 61.1225



119.2720, -36.1231, 12.9165



99.4450, 18.0216, -87.2133

Rectangle

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



119.2800, 38.8090, -34.4486



127.9980, 16.7630, 36.8358



119.2720, -36.1231, 12.9165



109.2120, -11.9365, -44.9129

Sweetspot

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



119.2800, 38.8090, -34.4486



224.2230, 15.1731, -13.3506



157.5880, -2.2619, -68.0447



108.7630, 9.4838, -8.5622



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.



119.2800, 38.8090, -34.4486



132.4790, 60.4029, -53.9171



97.6380, 49.4785, -3.1905



92.7870, 3.0630, -2.4442



54.3890, 53.5452, -47.6992



11.7350, 11.9626, -10.2916

Inverse Universe

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



120.2980, 1.8251, 68.1447



133.8820, 3.0162, 106.2205



180.3620, -49.4785, 3.1905



93.0330, -0.0163, 5.2331



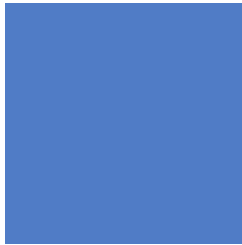
55.6910, 2.6173, 94.1100



12.2460, 0.3717, 20.8323

Previews

White Background



This preview shows how the YUV color 119.2800, 38.8090, -34.4486 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 119.2800, 38.8090, -34.4486 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 119.2800, 38.8090, -34.4486

Background



This preview shows how black text looks on a background with the YUV color 119.2800, 38.8090, -34.4486.

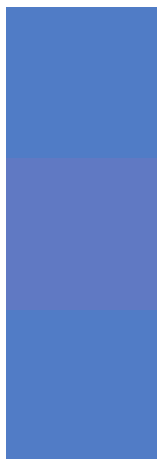


This preview shows how white text looks on a background with the YUV color 119.2800, 38.8090, -34.4486.

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

119.2800, 38.8090, -34.4486

Protanopia

121.9610, 36.0082, -22.7678

Deuteranopia

119.5790, 38.6616, -33.8338



Tritanopia

112.9320, 16.3025, -49.0524

Trichromacy



Original Color

119.2800, 38.8090, -34.4486

Protanomaly

120.8680, 37.0401, -27.0712

Deuteranomaly

119.5790, 38.6616, -33.8338

Tritanomaly

115.1420, 24.5800, -43.9745

Monochromacy



Original Color

119.2800, 38.8090, -34.4486

Achromatopsia

119.0000, 0.0000, 0.0000

Achromatomaly

119.2940, 14.1521, -12.5358

CSS Examples

Text

The CSS property to change the color of the text to YUV 119.2800, 38.8090, -34.4486 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, 124, 198)` looks like.

```
.text, #text, p{  
    color:rgb(80, 124, 198)  
}
```

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, 124, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(80, 124, 198) }
```

Border

The CSS property to change the border of an element to YUV 119.2800, 38.8090, -34.4486 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, 124, 198) }
```


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

```
.border{ border-color:rgb(80, 124, 198) }
```

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

Here you see how a box with a 4 pixel rgb(80, 124, 198) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(80, 124, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(80, 124, 198);  
box-shadow:4px 4px 4px 4px rgb(80, 124,  
198) }
```

Background

The CSS property to change the background color of an element to YUV 119.2800, 38.8090, -34.4486 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(80, 124, 198) }
```

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

```
.background{ background-color: rgb(80, 124,  
198) }
```

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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