

Converting Colors

YUV(118.2560, 48.6808,
-27.4115)

Have a look what the booklet for
YUV(118.2560, 48.6808, -27.4115)
contains.

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Color

**YUV(118.2560, 48.6808,
-27.4115)**

Conversions

Conversions Part 1

Format	Color
Hex	5773D9
RGB	87, 115, 217
RGB Percent	34%, 45%, 85%
CMY	0.6588, 0.5490, 0.1490
CMYK	0.60, 0.47, 0.00, 0.15
HSL	227°, 63%, 60%
HSV	227°, 60%, 85%
XYZ	22.5856, 19.2975, 68.1800
YIQ	118.2560, -49.4300, 25.7860

Conversions

Conversions Part 2

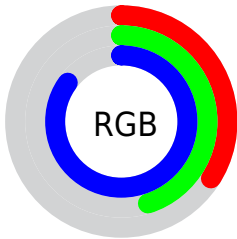
Format	Color
R _Y B	87, 110, 217
Decimal	5731289
CIE Lab	51.03, 20.76, -55.53
CIE LCh	51, 59.283, 290.497
Yxy	19.2975, 0.2052, 0.1753
Android (android.graphics.Color)	4283921369 (0xFF5773D9)
YUV	118.2560, 48.6808, -27.4115
Hunter-Lab	43.9289, 14.8985, -61.2711

Details

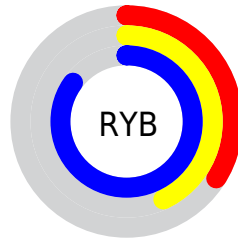
The YUV color **118.2560, 48.6808, -27.4115** is a dark color, and the websafe version is hex **3366CC**. The color can be described as middle muted azure. A complement of this color would be **185.7440, -48.6808, 27.4115**, and the grayscale version is **118.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **171.0520, 41.3864, -21.0936**, and **58.2700, 50.6459, -51.1028** is the 20% darker color. If you saturate the color by 10%, you get **101.6990, 56.8434, -32.1850**, and if you desaturate by 10%, it is **134.8130, 40.5182, -22.6380**.

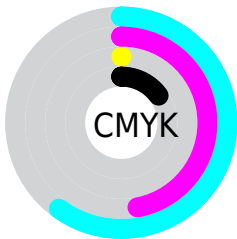
Distribution



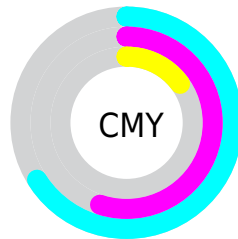
- Red (34%)
- Green (45%)
- Blue (85%)



- Red (34%)
- Yellow (43%)
- Blue (85%)



- Cyan (60%)
- Magenta (47%)
- Yellow (0%)
- Black (15%)



- Cyan (66%)
- Magenta (55%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the YUV color 118.2560, 48.6808, -27.4115 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 118.2560, 48.6808, -27.4115 by changing the saturation by 10% instead.

■ 118.2560, 48.6808,
-27.4115

■ 118.2560, 48.6808,
-27.4115

255.0000, 0.0000,
0.0000

■ 91.1090, 48.2603,
-32.5446

■ 171.0520, 41.3864,
-21.0936

■ 58.2700, 50.6459,
-51.1028

■ 195.5720, 29.2980,
-17.1646

■ 42.3920, 45.6557,
-37.1778

■ 220.3910, 17.0622,
-12.6209

■ 28.2750, 39.7974,
-24.7972

■ 246.3840, 4.2477,
-9.1068

■ 9.5760, 36.6910,
-8.3982

■ 10.3620, 24.4715,
-9.0875

■ 5.3920, 15.5827,

-4.7288

■ 2.0690, 5.3890,
-1.8145

■ 0.0000, 0.0000,
0.0000

■ 118.2560, 48.6808,
-27.4115

■ 118.2560, 48.6808,
-27.4115

■ 101.6990, 56.8434,
-32.1850

■ 134.8130, 40.5182,
-22.6380

■ 85.4410, 64.8586,
-36.3438

■ 151.0710, 32.5030,
-18.4793

■ 68.8840, 73.0212,
-41.1173

■ 167.6280, 24.3404,
-13.7058

■ 52.3270, 81.1838,
-45.8908

■ 184.1850, 16.1778,
-8.9322

■ 200.7420, 8.0152,
-4.1587

■ 217.0000, 0.0000,
0.0000

■ 233.5570, -8.1626,
4.7735

■ 248.3200,
-15.4408, 5.8584

■ 250.6680,
-16.5983, 3.7992

Harmonies

Analogous

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



102.7920, 58.7695, -90.1486



118.2560, 48.6808, -27.4115



124.9560, 30.5877, 35.9956

Triad

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



118.2560, 48.6808, -27.4115



116.9120, -36.4386, 67.6062



96.2700, 3.3179, -84.4288

Complementary

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



118.2560, 48.6808, -27.4115



185.7440, -48.6808, 27.4115

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.



100.9760, -24.1452, -49.0910



118.2560, 48.6808, -27.4115



113.8720, -56.1389, 39.5773

Square

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



118.2560, 48.6808, -27.4115



115.4990, -13.0640, 83.7544



109.5100, -53.9884, 3.0607



102.8990, 26.1788, -90.2424

Rectangle

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



118.2560, 48.6808, -27.4115



121.4020, 17.5498, 64.5454



109.5100, -53.9884, 3.0607



93.7450, -3.8183, -82.2144

Sweetspot

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



118.2560, 48.6808, -27.4115



220.1140, 17.1988, -9.7470



174.9380, 6.9326, -77.1216



105.8280, 10.9308, -5.9882



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.



118.2560, 48.6808, -27.4115



115.4560, 68.7952, -38.9879



112.8830, 51.3297, 9.7496



101.4280, 4.2260, -2.1294



41.4410, 64.8586, -36.3438



11.1140, 17.1988, -9.7470

Inverse Universe

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



129.0620, -6.9326, 77.1216



130.5760, -9.6510, 109.1198



191.1170, -51.3297, -9.7496



102.5170, -0.7479, 6.5626



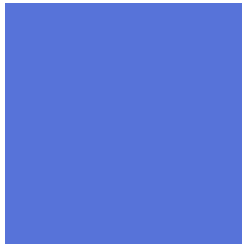
55.9450, -9.3399, 102.6572



14.8940, -2.4127, 27.2800

Previews

White Background



This preview shows how the YUV color 118.2560, 48.6808, -27.4115 looks on a white background.

Color Contrast Check

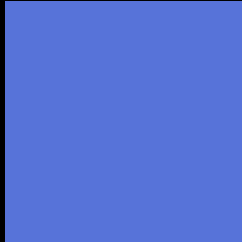
Large Text (above 18pt) WCAG AA ✓ Pass

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 118.2560, 48.6808, -27.4115 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 118.2560, 48.6808, -27.4115 Background



This preview shows how black text looks on a background with the YUV color 118.2560, 48.6808, -27.4115.



This preview shows how white text looks on a background with the YUV color 118.2560, 48.6808, -27.4115.

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

118.2560, 48.6808, -27.4115

Protanopia

115.5750, 51.4815, -39.0923

Deuteranopia

106.5780, 53.4520, -64.5279



Tritanopia

109.6330, 16.4499, -49.6671

Trichromacy



Original Color

118.2560, 48.6808, -27.4115

Protanomaly

116.6680, 50.4497, -34.7888

Deuteranomaly

110.9110, 51.8089, -50.7879

Tritanomaly

112.7770, 28.2109, -41.9004

Monochromacy



Original Color

118.2560, 48.6808, -27.4115

Achromatopsia

118.0000, 0.0000, 0.0000

Achromatomaly

118.2280, 17.6356, -9.8470

CSS Examples

Text

The CSS property to change the color of the text to YUV 118.2560, 48.6808, -27.4115 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(87, 115, 217)` looks like.

```
.text, #text, p{  
    color:rgb(87, 115, 217)  
}
```

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(87, 115, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(87, 115, 217) }
```

Border

The CSS property to change the border of an element to YUV 118.2560, 48.6808, -27.4115 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(87, 115, 217) }
```


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

```
.border{ border-color:rgb(87, 115, 217) }
```

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

Here you see how a box with a 4 pixel rgb(87, 115, 217) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(87, 115, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(87, 115, 217);  
box-shadow:4px 4px 4px 4px rgb(87, 115,  
217) }
```

Background

The CSS property to change the background color of an element to YUV 118.2560, 48.6808, -27.4115 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(87, 115, 217) }
```

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

```
.background{ background-color: rgb(87, 115,  
217) }
```

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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