

Converting Colors

YUV(118.9800, 50.7889,
-3.4905)

Have a look what the booklet for
YUV(118.9800, 50.7889, -3.4905)
contains.

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Color

**YUV(118.9800, 50.7889,
-3.4905)**

Conversions

Conversions Part 1

Format	Color
Hex	7365DE
RGB	115, 101, 222
RGB Percent	45%, 40%, 87%
CMY	0.5490, 0.6039, 0.1294
CMYK	0.48, 0.55, 0.00, 0.13
HSL	247°, 65%, 63%
HSV	247°, 55%, 87%
XYZ	24.9087, 18.2261, 71.3124
YIQ	118.9800, -30.4970, 40.5990

Conversions

Conversions Part 2

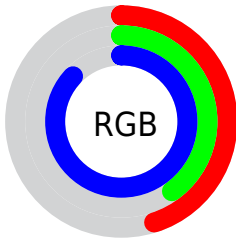
Format	Color
RYB	115, 101, 222
Decimal	7562718
CIELab	49.77, 36.48, -60.29
CIElCh	50, 70.469, 301.177
Yxy	18.2261, 0.2176, 0.1593
Android (android.graphics.Color)	4285752798 (0xFF7365DE)
YUV	118.9800, 50.7889, -3.4905
Hunter-Lab	42.6921, 29.4349, -69.1530

Details

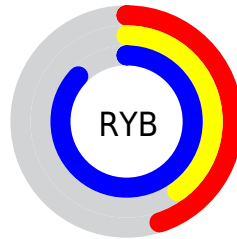
The YUV color **118.9800, 50.7889, -3.4905** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **204.0200, -50.7889, 3.4905**, and the grayscale version is **119.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **170.0210, 41.8946, 2.6126**, and **66.7680, 48.9214, -11.1975** is the 20% darker color. If you saturate the color by 10%, you get **100.0860, 60.1036, -4.4604**, and if you desaturate by 10%, it is **137.8740, 41.4741, -2.5205**.

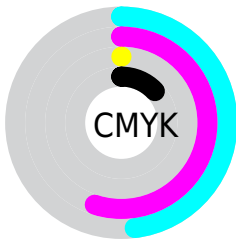
Distribution



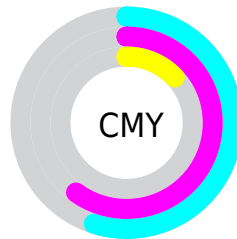
- Red (45%)
- Green (40%)
- Blue (87%)



- Red (45%)
- Yellow (40%)
- Blue (87%)



- Cyan (48%)
- Magenta (55%)
- Yellow (0%)
- Black (13%)



- Cyan (55%)
- Magenta (60%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the YUV color 118.9800, 50.7889, -3.4905 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 118.9800, 50.7889, -3.4905 by changing the saturation by 10% instead.

■ 118.9800, 50.7889,
-3.4905

■ 118.9800, 50.7889,
-3.4905

255.0000, 0.0000,
0.0000

■ 93.0290, 49.7787,
-6.1644

■ 170.0210, 41.8946,
2.6126

■ 66.7680, 48.9214,
-11.1975

■ 194.5410, 29.8063,
6.5415

■ 37.3210, 50.1277,
-24.8375

■ 219.9470, 17.2811,
10.5705

■ 19.3390, 46.1749,
-16.9603

■ 243.2600, 5.7878,
10.2960

■ 10.0320, 38.4382,
-8.7981

■ 10.7040, 25.7819,
-9.3874

■ 6.3210, 16.6037,

-5.5435

■ 2.6390, 7.5730,
-2.3144

■ 0.0000, 0.0000,
0.0000

■ 118.9800, 50.7889,
-3.4905

■ 118.9800, 50.7889,
-3.4905

■ 100.0860, 60.1036,
-4.4604

■ 137.8740, 41.4741,
-2.5205

■ 81.4910, 69.2709,
-4.8156

■ 156.4690, 32.3068,
-2.1653

■ 62.0100, 78.8751,
-5.2708

■ 175.9500, 22.7027,
-1.7101

■ 43.1160, 88.1898,
-6.2407

■ 194.8440, 13.3879,
-0.7402

■ 33.0820, 93.1366,
-6.2109

■ 213.4390, 4.2206,
-0.3850

■ 232.3330, -5.0942,
0.5850

■ 250.3410,
-13.9721, 1.4549

■ 251.2380,
-14.4143, 3.2993

Harmonies

Analogous

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



100.6210, 68.2208, -88.2446



118.9800, 50.7889, -3.4905



116.3170, 29.9167, 64.6200

Triad

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



118.9800, 50.7889, -3.4905



109.9170, -54.1891, 67.6018



98.0940, 10.3067, -86.0284

Complementary

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



118.9800, 50.7889, -3.4905



204.0200, -50.7889, 3.4905

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.



89.1510, -16.3434, -78.1854



118.9800, 50.7889, -3.4905



110.8380, -54.6431, 26.4521

Square

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



118.9800, 50.7889, -3.4905



106.6440, -22.9955, 95.9052



101.4040, -49.9922, -18.7713



104.9340, 36.5145, -92.0271

Rectangle

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



118.9800, 50.7889, -3.4905



107.4210, 15.5684, 93.4698



101.4040, -49.9922, -18.7713



95.1130, 1.4233, -83.4141

Sweetspot

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



118.9800, 50.7889, -3.4905



220.1690, 17.1717, -1.0252



178.7770, 21.3089, -68.2104



106.7470, 10.4777, -0.6551



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.



118.9800, 50.7889, -3.4905



113.6050, 69.7077, -4.9156



136.6210, 42.0918, 32.7814



102.5530, 4.6574, -0.4850



26.0440, 73.9283, -5.3006



7.2660, 20.0819, -1.1103

Inverse Universe

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



149.3770, 28.9011, 63.6904



155.3920, 39.7397, 87.3562



186.3790, -42.0918, -32.7814



105.4290, 2.7465, 5.7628



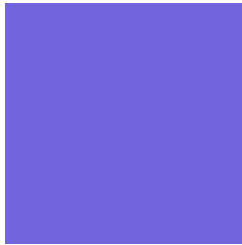
70.4080, 42.1969, 92.6042



19.2540, 11.7068, 25.2102

Previews

White Background



This preview shows how the YUV color 118.9800, 50.7889, -3.4905 looks on a white background.

Color Contrast Check

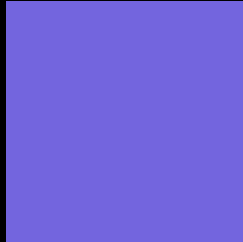
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 118.9800, 50.7889, -3.4905 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

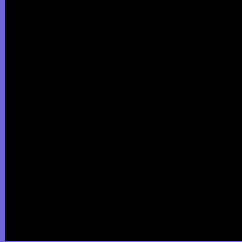
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 118.9800, 50.7889, -3.4905

Background



This preview shows how black text looks on a background with the YUV color 118.9800, 50.7889, -3.4905.



This preview shows how white text looks on a background with the YUV color 118.9800, 50.7889, -3.4905.

-3.4905.

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

118.9800, 50.7889, -3.4905

Protanopia

104.5860, 64.7871, -60.1499

Deuteranopia

94.6080, 57.8743, -82.9712



Tritanopia

114.9740, 9.3798, -21.9022

Trichromacy



Original Color

118.9800, 50.7889, -3.4905

Protanomaly

109.7520, 59.7753, -39.2475

Deuteranomaly

103.5130, 55.4561, -53.9469

Tritanomaly

116.6170, 24.3458, -15.4501

Monochromacy



Original Color

118.9800, 50.7889, -3.4905

Achromatopsia

119.0000, 0.0000, 0.0000

Achromatomaly

118.8100, 18.3347, -0.7104

CSS Examples

Text

The CSS property to change the color of the text to YUV 118.9800, 50.7889, -3.4905 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(115, 101, 222)` looks like.

```
.text, #text, p{  
    color:rgb(115, 101, 222)  
}
```

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(115, 101, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 101, 222) }
```

Border

The CSS property to change the border of an element to YUV 118.9800, 50.7889, -3.4905 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(115, 101, 222) }
```


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

```
.border{ border-color:rgb(115, 101, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 101, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 101, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 101, 222);  
box-shadow:4px 4px 4px 4px rgb(115, 101,  
222) }
```

Background

The CSS property to change the background color of an element to YUV 118.9800, 50.7889, -3.4905 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 101, 222) }
```

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

```
.background{ background-color: rgb(115,  
101, 222) }
```

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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