

Converting Colors

YUV(119.5070, 51.5150,
-3.0756)

Have a look what the booklet for
YUV(119.5070, 51.5150, -3.0756)
contains.

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Color

**YUV(119.5070, 51.5150,
-3.0756)**

Conversions

Conversions Part 1

Format	Color
Hex	7465E0
RGB	116, 101, 224
RGB Percent	45%, 40%, 88%
CMY	0.5451, 0.6039, 0.1216
CMYK	0.48, 0.55, 0.00, 0.12
HSL	247°, 66%, 64%
HSV	247°, 55%, 88%
XYZ	25.3107, 18.4022, 72.7390
YIQ	119.5070, -30.5430, 41.4330

Conversions

Conversions Part 2

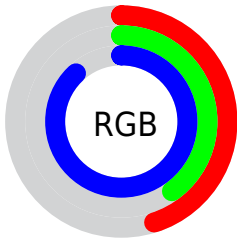
Format	Color
R_{YB}	116, 101, 224
Decimal	7628256
CIE Lab	49.98, 37.28, -61.08
CIE LCh	50, 71.557, 301.401
Yxy	18.4022, 0.2173, 0.1580
Android (android.graphics.Color)	4285818336 (0xFF7465E0)
YUV	119.5070, 51.5150, -3.0756
Hunter-Lab	42.8978, 30.2481, -70.5058

Details

The YUV color **119.5070, 51.5150, -3.0756** is a light color, and the websafe version is hex **6666CC**. A complement of this color would be **205.4930, -51.5150, 3.0756**, and the grayscale version is **119.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **170.3200, 41.7472, 3.2274**, and **67.2950, 49.6476, -10.7827** is the 20% darker color. If you saturate the color by 10%, you get **100.6130, 60.8298, -4.0456**, and if you desaturate by 10%, it is **138.4010, 42.2003, -2.1057**.

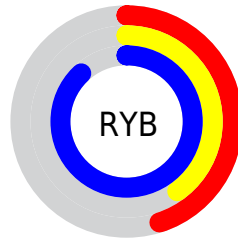
Distribution



Red (45%)

Green (40%)

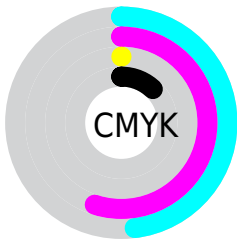
Blue (88%)



Red (45%)

Yellow (40%)

Blue (88%)

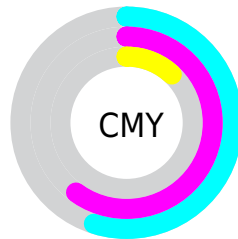


Cyan (48%)

Magenta (55%)

Yellow (0%)

Black (12%)



Cyan (55%)

Magenta (60%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the YUV color 119.5070, 51.5150, -3.0756 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 119.5070, 51.5150, -3.0756 by changing the saturation by 10% instead.

■ 119.5070, 51.5150,
-3.0756

■ 119.5070, 51.5150,
-3.0756

■ 255.0000, 0.0000,
0.0000

■ 93.5560, 50.5049,
-5.7496

■ 170.3200, 41.7472,
3.2274

■ 67.2950, 49.6476,
-10.7827

■ 194.8400, 29.6589,
7.1563

■ 37.2610, 51.1433,
-23.9079

■ 220.2460, 17.1337,
11.1853

■ 19.4530, 46.6117,
-17.0603

■ 243.2600, 5.7878,
10.2960

■ 10.1460, 38.8750,
-8.8980

■ 11.5190, 26.3661,
-10.1022

■ 6.5490, 17.4773,

-5.7435

■ 2.8670, 8.4466,
-2.5144

■ 0.0000, 0.0000,
0.0000

■ 119.5070, 51.5150,
-3.0756

■ 119.5070, 51.5150,
-3.0756

■ 100.6130, 60.8298,
-4.0456

■ 138.4010, 42.2003,
-2.1057

■ 81.4310, 70.2865,
-3.8860

■ 157.5830, 32.7436,
-2.2653

■ 62.5370, 79.6013,
-4.8559

■ 176.4770, 23.4288,
-1.2953

■ 43.0560, 89.2054,
-5.3111

■ 195.9580, 13.8247,
-0.8402

■ 33.6090, 93.8628,
-5.7961

■ 214.5530, 4.6574,
-0.4850

■ 233.4470, -4.6574,
0.4850

■ 251.1670,
-13.3933, 2.4845

■ 251.4660,
-13.5407, 3.0993

Harmonies

Analogous

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



101.5500, 69.2419, -89.0593



119.5070, 51.5150, -3.0756



116.4420, 30.3481, 66.2644

Triad

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



119.5070, 51.5150, -3.0756



110.2160, -54.3365, 68.2166



98.7950, 10.4541, -86.6432

Complementary

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



119.5070, 51.5150, -3.0756



205.4930, -51.5150, 3.0756

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



119.5070, 51.5150, -3.0756



111.1370, -54.7905, 27.0669

Square

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



119.5070, 51.5150, -3.0756



106.5410, -23.4377, 97.7495



101.6920, -50.1342, -19.9009



105.7490, 37.0987, -92.7419

Rectangle

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



119.5070, 51.5150, -3.0756



106.8450, 15.8524, 95.7289



101.6920, -50.1342, -19.9009



95.8140, 1.5707, -84.0289

Sweetspot

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



119.5070, 51.5150, -3.0756



220.1690, 17.1717, -1.0252



179.0050, 22.1825, -68.4104



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.



119.5070, 51.5150, -3.0756



112.1320, 70.4339, -4.5008



137.7460, 42.5232, 34.4258



102.5530, 4.6574, -0.4850



26.3430, 73.7809, -4.6858



7.2660, 20.0819, -1.1103

Inverse Universe

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



150.0890, 29.0431, 64.8199



153.9900, 39.4449, 88.5858



187.2540, -42.5232, -34.4258



105.4290, 2.7465, 5.7628



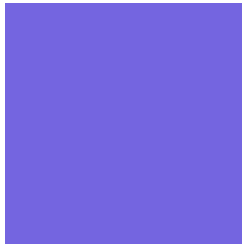
70.1800, 41.3233, 92.8041



19.2540, 11.7068, 25.2102

Previews

White Background



This preview shows how the YUV color 119.5070, 51.5150, -3.0756 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 119.5070, 51.5150, -3.0756 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

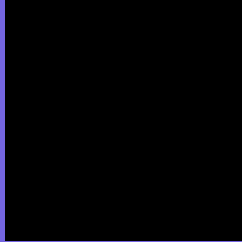
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 119.5070, 51.5150, -3.0756

Background



This preview shows how black text looks on a background with the YUV color 119.5070, 51.5150, -3.0756.



This preview shows how white text looks on a background with the YUV color 119.5070, 51.5150, -3.0756.

-3.0756.

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

119.5070, 51.5150, -3.0756

Protanopia

103.6180, 66.2503, -62.8090

Deuteranopia

95.3090, 58.0217, -83.5860



Tritanopia

114.9740, 9.3798, -21.9022

Trichromacy



Original Color

119.5070, 51.5150, -3.0756

Protanomaly

109.3820, 60.9437, -40.6770

Deuteranomaly

104.2140, 55.6035, -54.5617

Tritanomaly

116.7310, 24.7826, -15.5501

Monochromacy



Original Color

119.5070, 51.5150, -3.0756

Achromatopsia

120.0000, 0.0000, 0.0000

Achromatomaly

119.9240, 18.7715, -0.8103

CSS Examples

Text

The CSS property to change the color of the text to YUV 119.5070, 51.5150, -3.0756 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(116, 101, 224)` looks like.

```
.text, #text, p{  
    color:rgb(116, 101, 224)  
}
```

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(116, 101, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 101, 224) }
```

Border

The CSS property to change the border of an element to YUV 119.5070, 51.5150, -3.0756 is called "border". The border property can be set on classes, ids or directly on the HTML element.

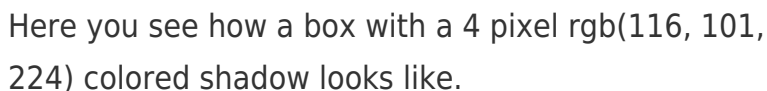
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(116, 101, 224) }
```


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

```
.border{ border-color:rgb(116, 101, 224) }
```

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



Here you see how a box with a 4 pixel `rgb(116, 101, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(116, 101, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(116, 101, 224);  
box-shadow:4px 4px 4px 4px rgb(116, 101,  
224) }
```

Background

The CSS property to change the background color of an element to YUV 119.5070, 51.5150, -3.0756 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 101, 224) }
```

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

```
.background{ background-color: rgb(116,  
101, 224) }
```

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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