

Converting Colors

YUV(119.4790, 50.5429,
-17.9601)

Have a look what the booklet for
YUV(119.4790, 50.5429, -17.9601)
contains.

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Color

**YUV(119.4790, 50.5429,
-17.9601)**

Conversions

Conversions Part 1

Format	Color
Hex	636EDE
RGB	99, 110, 222
RGB Percent	39%, 43%, 87%
CMY	0.6118, 0.5686, 0.1294
CMYK	0.55, 0.50, 0.00, 0.13
HSL	235°, 65%, 63%
HSV	235°, 55%, 87%
XYZ	23.9063, 19.0784, 71.5297
YIQ	119.4790, -42.5080, 32.5000

Conversions

Conversions Part 2

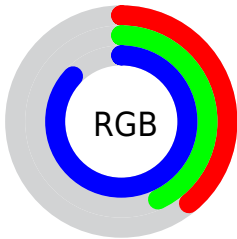
Format	Color
R _{YB}	99, 109, 222
Decimal	6516446
CIE _{Lab}	50.78, 27.78, -58.73
CIE _{LCh}	51, 64.965, 295.314
Yxy	19.0784, 0.2088, 0.1666
Android (android.graphics.Color)	4284706526 (0xFF636EDE)
YUV	119.4790, 50.5429, -17.9601
Hunter-Lab	43.6789, 21.2587, -66.5198

Details

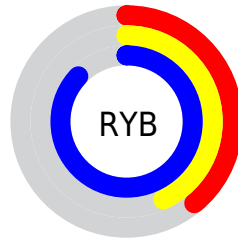
The YUV color **119.4790, 50.5429, -17.9601** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **201.5210, -50.5429, 17.9601**, and the grayscale version is **119.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **170.8190, 41.5012, -11.2423**, and **64.8750, 49.8546, -30.5854** is the 20% darker color. If you saturate the color by 10%, you get **101.1610, 59.5736, -21.1892**, and if you desaturate by 10%, it is **137.7970, 41.5121, -14.7310**.

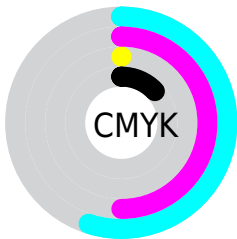
Distribution



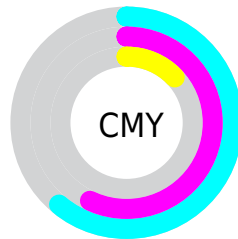
- Red (39%)
- Green (43%)
- Blue (87%)



- Red (39%)
- Yellow (43%)
- Blue (87%)



- Cyan (55%)
- Magenta (50%)
- Yellow (0%)
- Black (13%)



- Cyan (61%)
- Magenta (57%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the YUV color 119.4790, 50.5429, -17.9601 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 119.4790, 50.5429, -17.9601 by changing the saturation by 10% instead.

■ 119.4790, 50.5429,
-17.9601

■ 119.4790, 50.5429,
-17.9601

■ 255.0000, 0.0000,
0.0000

■ 92.9300, 49.8275,
-21.8636

■ 170.8190, 41.5012,
-11.2423

■ 64.8750, 49.8546,
-30.5854

■ 195.3390, 29.4129,
-7.3133

■ 39.9130, 48.8499,
-35.0037

■ 220.7450, 16.8877,
-3.2844

■ 25.7960, 42.9916,
-22.6231

■ 246.7380, 4.0732,
0.2298

■ 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

■ 119.4790, 50.5429,
-17.9601

■ 119.4790, 50.5429,
-17.9601

■ 101.1610, 59.5736,
-21.1892

■ 137.7970, 41.5121,
-14.7310

■ 82.8430, 68.6044,
-24.4183

■ 156.1150, 32.4813,
-11.5019

■ 63.6390, 78.0720,
-27.7474

■ 175.3190, 23.0137,
-8.1728

■ 45.3210, 87.1027,
-30.9765

■ 193.6370, 13.9830,
-4.9436

■ 37.0480, 91.1813,
-32.4911

■ 211.9550, 4.9522,
-1.7145

■ 230.2730, -4.0786,
1.5146

■ 249.1780,
-13.3988, 4.2289

■ 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.



102.7580, 63.7163, -90.1188



119.4790, 50.5429, -17.9601



122.4460, 30.8391, 48.7209

Triad

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



119.4790, 50.5429, -17.9601



114.4470, -44.5904, 68.8910



97.6550, 6.0861, -85.6434

Complementary

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



119.4790, 50.5429, -17.9601



201.5210, -50.5429, 17.9601

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.



88.8090, -17.6538, -77.8855



119.4790, 50.5429, -17.9601



113.2520, -55.8332, 34.8590

Square

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



119.4790, 50.5429, -17.9601



112.1040, -17.3063, 91.1168



107.3840, -52.9403, -6.4758



104.7400, 30.6942, -91.8570

Rectangle

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



119.4790, 50.5429, -17.9601



116.9630, 16.7802, 78.0854



107.3840, -52.9403, -6.4758



94.9020, -1.9237, -83.2291

Sweetspot

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



119.4790, 50.5429, -17.9601



219.2500, 17.6248, -6.3582



183.8550, 12.8895, -74.4178



106.1380, 10.7780, -3.6290



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.



119.4790, 50.5429, -17.9601



114.9570, 69.0412, -24.5183



127.6730, 46.5032, 17.8268



102.8410, 4.5154, -1.6146



29.4560, 72.2462, -25.8329



7.8200, 19.8087, -6.8581

Inverse Universe

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



137.0310, -13.3263, 74.5178



138.9420, -18.2124, 101.7829



193.3270, -46.5032, -17.8268



104.4030, -1.1847, 6.6626



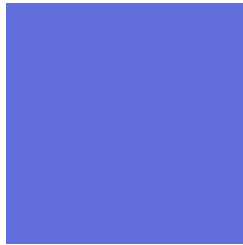
54.4480, -18.9549, 106.6011



14.8080, -5.3283, 29.1094

Previews

White Background



This preview shows how the YUV color 119.4790, 50.5429, -17.9601 looks on a white background.

Color Contrast Check

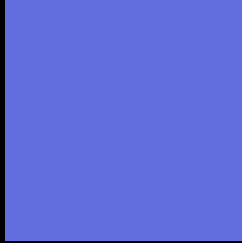
Large Text (above 18pt) WCAG AA ✓ Pass

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 119.4790, 50.5429, -17.9601 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

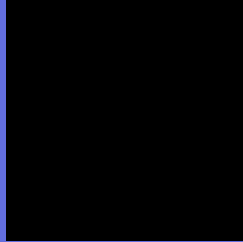
Any Text WCAG AA ✓ Pass

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 119.4790, 50.5429, -17.9601 Background



This preview shows how black text looks on a background with the YUV color 119.4790, 50.5429, -17.9601.



This preview shows how white text looks on a background with the YUV color 119.4790, 50.5429, -17.9601.

-17.9601.

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

119.4790, 50.5429, -17.9601

Protanopia

112.1270, 57.6184, -47.4694

Deuteranopia

96.9390, 59.1901, -85.0155



Tritanopia

112.9010, 13.3598, -38.5012

Trichromacy



Original Color

119.4790, 50.5429, -17.9601

Protanomaly

114.5090, 54.9651, -36.4034

Deuteranomaly

104.9960, 56.2040, -60.5095

Tritanomaly

115.5010, 26.8680, -31.1344

Monochromacy



Original Color

119.4790, 50.5429, -17.9601

Achromatopsia

119.0000, 0.0000, 0.0000

Achromatomaly

119.3640, 18.0615, -6.4582

CSS Examples

Text

The CSS property to change the color of the text to YUV 119.4790, 50.5429, -17.9601 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(99, 110, 222)` looks like.

```
.text, #text, p{  
    color:rgb(99, 110, 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(99, 110, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 110, 222) }
```

Border

The CSS property to change the border of an element to YUV 119.4790, 50.5429, -17.9601 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(99, 110, 222) }
```


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

```
.border{ border-color:rgb(99, 110, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(99, 110, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 110, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 110, 222);  
box-shadow:4px 4px 4px 4px rgb(99, 110,  
222) }
```

Background

The CSS property to change the background color of an element to YUV 119.4790, 50.5429, -17.9601 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 110, 222) }
```

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

```
.background{ background-color: rgb(99, 110,  
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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