

Converting Colors

YUV(127.6210, 48.5008,
-16.3306)

Have a look what the booklet for
YUV(127.6210, 48.5008, -16.3306)
contains.

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Color

**YUV(127.6210, 48.5008,
-16.3306)**

Conversions

Conversions Part 1

Format	Color
Hex	6D76E2
RGB	109, 118, 226
RGB Percent	43%, 46%, 89%
CMY	0.5725, 0.5373, 0.1137
CMYK	0.52, 0.48, 0.00, 0.11
HSL	235°, 67%, 66%
HSV	235°, 52%, 89%
XYZ	26.5126, 21.6991, 74.7425
YIQ	127.6210, -40.0320, 31.6800

Conversions

Conversions Part 2

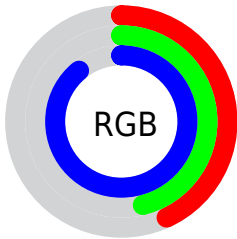
Format	Color
RYB	109, 117, 226
Decimal	7173858
CIELab	53.71, 26.24, -56.24
CIElCh	54, 62.062, 295.008
Yxy	21.6991, 0.2156, 0.1765
Android (android.graphics.Color)	4285363938 (0xFF6D76E2)
YUV	127.6210, 48.5008, -16.3306
Hunter-Lab	46.5823, 20.0754, -62.5248

Details

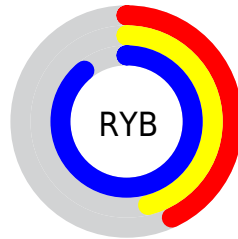
The YUV color **127.6210, 48.5008, -16.3306** is a light color, and the websafe version is hex **6666CC**. A complement of this color would be **207.3790, -48.5008, 16.3306**, and the grayscale version is **127.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **178.7930, 37.5701, -10.3425**, and **74.2240, 47.2176, -24.7524** is the 20% darker color. If you saturate the color by 10%, you get **108.4170, 57.9684, -19.6597**, and if you desaturate by 10%, it is **146.8250, 39.0333, -13.0015**.

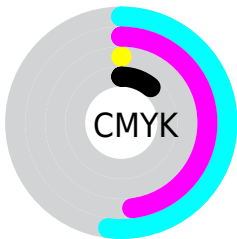
Distribution



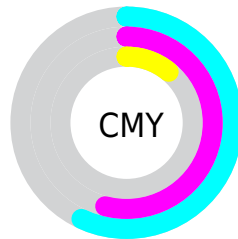
- Red (43%)
- Green (46%)
- Blue (89%)



- Red (43%)
- Yellow (46%)
- Blue (89%)



- Cyan (52%)
- Magenta (48%)
- Yellow (0%)
- Black (11%)



- Cyan (57%)
- Magenta (54%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YUV color 127.6210, 48.5008, -16.3306 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 127.6210, 48.5008, -16.3306 by changing the saturation by 10% instead.

■ 127.6210, 48.5008,
-16.3306

■ 127.6210, 48.5008,
-16.3306

255.0000, 0.0000,
0.0000

■ 100.7840, 47.9275,
-19.1046

■ 178.7930, 37.5701,
-10.3425

■ 74.2240, 47.2176,
-24.7524

■ 203.3130, 25.4817,
-6.4135

■ 44.4780, 48.5713,
-39.0072

■ 228.7190, 12.9565,
-2.3846

■ 29.7740, 43.0024,
-26.1118

254.4130, 0.2894,
0.5148

■ 13.8960, 38.0123,
-12.1868

■ 11.7470, 27.2397,
-10.3021

■ 6.7770, 18.3509,

-5.9434

■ 3.0950, 9.3202,
-2.7143

■ 0.0000, 0.0000,
0.0000

■ 127.6210, 48.5008,
-16.3306

■ 127.6210, 48.5008,
-16.3306

■ 108.4170, 57.9684,
-19.6597

■ 146.8250, 39.0333,
-13.0015

■ 89.5120, 67.2886,
-22.3740

■ 165.7300, 29.7131,
-10.2872

■ 70.3080, 76.7562,
-25.7031

■ 184.9340, 20.2455,
-6.9581

■ 51.9900, 85.7869,
-28.9322

■ 203.2520, 11.2148,
-3.7290

■ 35.7430, 93.7967,
-31.3466

■ 222.4560, 1.7472,
-0.3999

■ 241.6600, -7.7204,
2.9292

■ 251.6940,
-12.6671, 2.8994

Harmonies

Analogous

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



107.2090, 63.0010, -94.0223



127.6210, 48.5008, -16.3306



131.2670, 28.9554, 46.2468

Triad

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



127.6210, 48.5008, -16.3306



123.4190, -42.1116, 67.1615



102.5620, 7.1179, -89.9469

Complementary

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



127.6210, 48.5008, -16.3306



207.3790, -48.5008, 16.3306

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.



100.9350, -18.7020, -68.3490



127.6210, 48.5008, -16.3306



120.3400, -59.3276, 35.6588

Square

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



127.6210, 48.5008, -16.3306



122.6690, -17.5848, 87.1133



115.2810, -53.3825, -4.6314



109.4190, 30.8524, -95.9605

Rectangle

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



127.6210, 48.5008, -16.3306



126.7730, 14.9019, 73.8671



115.2810, -53.3825, -4.6314



99.9230, -0.4550, -87.6325

Sweetspot

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



127.6210, 48.5008, -16.3306



220.4350, 17.0405, -5.6435



189.8770, 12.8786, -70.9291



107.0240, 10.3412, -3.5290



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.



127.6210, 48.5008, -16.3306



122.0560, 65.5414, -21.9741



136.9890, 43.8824, 18.4266



102.8410, 4.5154, -1.6146



28.2820, 72.8250, -24.8033



7.8200, 19.8087, -6.8581

Inverse Universe

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



145.0090, -13.3154, 71.0291



145.6100, -18.0487, 95.9350



198.0110, -43.8824, -18.4266



104.4030, -1.1847, 6.6626



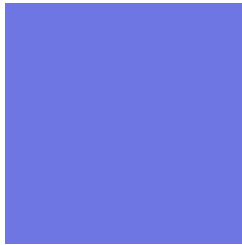
54.2200, -19.8285, 106.8011



14.8080, -5.3283, 29.1094

Previews

White Background



This preview shows how the YUV color 127.6210, 48.5008, -16.3306 looks on a white background.

Color Contrast Check

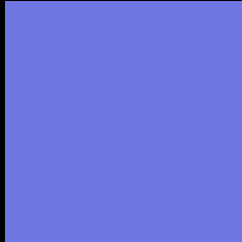
Large Text (above 18pt) WCAG AA ✓ Pass

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 127.6210, 48.5008, -16.3306 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 127.6210, 48.5008, -16.3306

Background



This preview shows how black text looks on a background with the YUV color 127.6210, 48.5008, -16.3306.



This preview shows how white text looks on a background with the YUV color 127.6210, 48.5008, -16.3306.

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

127.6210, 48.5008, -16.3306

Protanopia

121.6610, 54.3971, -40.9217

Deuteranopia

116.3830, 52.5622, -59.0949



Tritanopia

121.4070, 12.6173, -33.6829

Trichromacy



Original Color

127.6210, 48.5008, -16.3306

Protanomaly

123.8470, 52.3334, -32.3148

Deuteranomaly

120.7270, 50.9136, -43.6106

Tritanomaly

123.2950, 25.9836, -27.4457

Monochromacy



Original Color

127.6210, 48.5008, -16.3306

Achromatopsia

128.0000, 0.0000, 0.0000

Achromatomaly

127.6630, 17.9141, -5.8435

CSS Examples

Text

The CSS property to change the color of the text to YUV 127.6210, 48.5008, -16.3306 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(109, 118, 226)` looks like.

```
.text, #text, p{  
    color:rgb(109, 118, 226)  
}
```

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(109, 118, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 118, 226) }
```

Border

The CSS property to change the border of an element to YUV 127.6210, 48.5008, -16.3306 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(109, 118, 226) }
```


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

```
.border{ border-color:rgb(109, 118, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 118, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 118, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 118, 226);  
box-shadow:4px 4px 4px 4px rgb(109, 118,  
226) }
```

Background

The CSS property to change the background color of an element to YUV 127.6210, 48.5008, -16.3306 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 118, 226) }
```

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

```
.background{ background-color: rgb(109,  
118, 226) }
```

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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