

Converting Colors

YUV(110.4210, 48.5994,
-1.2462)

Have a look what the booklet for
YUV(110.4210, 48.5994, -1.2462)
contains.

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Color

**YUV(110.4210, 48.5994,
-1.2462)**

Conversions

Conversions Part 1

Format	Color
Hex	6D5CD1
RGB	109, 92, 209
RGB Percent	43%, 36%, 82%
CMY	0.5725, 0.6392, 0.1804
CMYK	0.48, 0.56, 0.00, 0.18
HSL	249°, 56%, 59%
HSV	249°, 56%, 82%
XYZ	21.6424, 15.5090, 62.1744
YIQ	110.4210, -27.4250, 39.9910

Conversions

Conversions Part 2

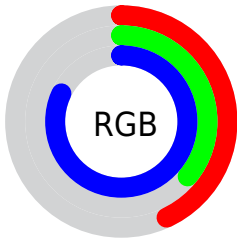
Format	Color
R _{YB}	109, 92, 209
Decimal	7167185
CIE Lab	46.32, 36.69, -58.47
CIE LCh	46, 69.028, 302.106
Yxy	15.5090, 0.2179, 0.1561
Android (android.graphics.Color)	4285357265 (0xFF6D5CD1)
YUV	110.4210, 48.5994, -1.2462
Hunter-Lab	39.3814, 29.1790, -66.0387

Details

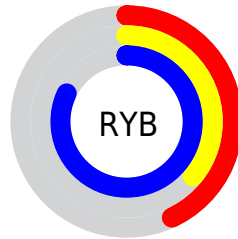
The YUV color $110.4210, 48.5994, -1.2462$ is a dark color, and the websafe version is hex $6666CC$. The color can be described as middle muted purple. A complement of this color would be $190.5790, -48.5994, 1.2462$, and the grayscale version is $110.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $162.6450, 45.5310, 2.9423$, and $58.6220, 47.0214, -8.4385$ is the 20% darker color. If you saturate the color by 10%, you get $92.7120, 57.3300, -1.5014$, and if you desaturate by 10%, it is $128.1300, 39.8689, -0.9910$.

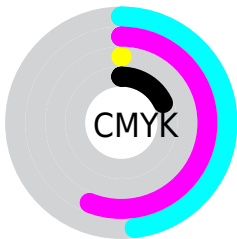
Distribution



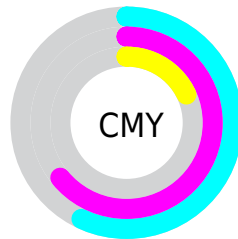
- Red (43%)
- Green (36%)
- Blue (82%)



- Red (43%)
- Yellow (36%)
- Blue (82%)



- Cyan (48%)
- Magenta (56%)
- Yellow (0%)
- Black (18%)



- Cyan (57%)
- Magenta (64%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the YUV color 110.4210, 48.5994, -1.2462 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 110.4210, 48.5994, -1.2462 by changing the saturation by 10% instead.

■ 110.4210, 48.5994,
-1.2462

■ 110.4210, 48.5994,
-1.2462

255.0000, 0.0000,
0.0000

■ 84.4700, 47.5893,
-3.9202

■ 162.6450, 45.5310,
2.9423

■ 58.6220, 47.0214,
-8.4385

■ 186.5780, 33.7320,
7.3861

■ 27.9790, 48.8174,
-24.5376

■ 211.9840, 21.2069,
11.4150

■ 13.2750, 43.2484,
-11.6422

■ 237.3900, 8.6817,
15.4440

■ 8.6640, 33.1966,
-7.5983

254.4130, 0.2894,
0.5148

■ 8.9770, 21.7033,
-7.8728

■ 4.5940, 12.5252,

-4.0289

■ 0.1140, 0.4368,
-0.1000

■ 0.0000, 0.0000,
0.0000

■ 110.4210, 48.5994,
-1.2462

■ 110.4210, 48.5994,
-1.2462

■ 92.7120, 57.3300,
-1.5014

■ 128.1300, 39.8689,
-0.9910

■ 75.0030, 66.0605,
-1.7566

■ 145.8390, 31.1384,
-0.7358

■ 57.2940, 74.7911,
-2.0118

■ 163.5480, 22.4078,
-0.4806

■ 39.8840, 83.3742,
-1.6523

■ 180.9580, 13.8247,
-0.8402

■ 32.7960, 86.8686,
-2.4521

■ 198.0800, 5.3836,
-0.0702

■ 215.7890, -3.3470,
0.1850

■ 233.4980,
-12.0775, 0.4403

■ 248.8590,
-19.6505, 2.7547

■ 249.7560,
-20.0927, 4.5990

Harmonies

Analogous

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



93.9700, 65.5838, -82.4117



110.4210, 48.5994, -1.2462



106.6760, 28.7537, 64.3051

Triad

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



110.4210, 48.5994, -1.2462



102.2200, -50.3945, 63.8281



91.4260, 10.1430, -80.1806

Complementary

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



110.4210, 48.5994, -1.2462



190.5790, -48.5994, 1.2462

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.



82.7110, -15.6335, -72.5375



110.4210, 48.5994, -1.2462



102.8530, -50.7065, 23.8079

Square

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



110.4210, 48.5994, -1.2462



97.7360, -22.5478, 92.3165



93.1310, -45.9136, -20.2859



98.0380, 35.4773, -85.9793

Rectangle

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



110.4210, 48.5994, -1.2462



96.4210, 15.5684, 93.4698



93.1310, -45.9136, -20.2859



89.1460, 1.4070, -78.1810

Sweetspot

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



110.4210, 48.5994, -1.2462



218.6960, 17.8979, -0.6104



164.6250, 21.8769, -63.6921



106.1600, 10.7671, -0.1403



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.



110.4210, 48.5994, -1.2462



110.9690, 71.0073, -1.7268



127.4640, 40.1972, 33.7961



95.8520, 4.5100, 0.1298



26.3280, 69.8443, -2.0417



6.4680, 17.0243, -0.4104

Inverse Universe

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



138.3830, 26.4332, 61.9311



151.7730, 38.5659, 90.5301



173.5360, -40.1972, -33.7961



98.3150, 2.3097, 5.8627



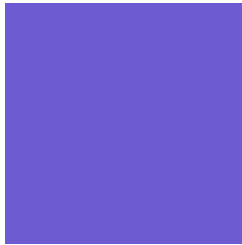
66.6480, 38.1345, 88.8857



16.2490, 9.2442, 21.7066

Previews

White Background



This preview shows how the YUV color 110.4210, 48.5994, -1.2462 looks on a white background.

Color Contrast Check

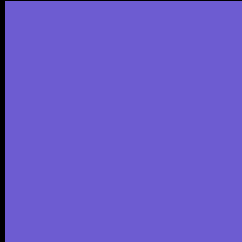
Large Text (above 18pt) WCAG AA ✓ Pass

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 110.4210, 48.5994, -1.2462 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

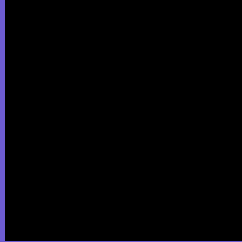
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 110.4210, 48.5994, -1.2462

Background



This preview shows how black text looks on a background with the YUV color 110.4210, 48.5994, -1.2462.



This preview shows how white text looks on a background with the YUV color 110.4210, 48.5994, -1.2462.

-1.2462.

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

110.4210, 48.5994, -1.2462

Protanopia

91.6560, 65.2456, -67.2273

Deuteranopia

88.2020, 53.6374, -77.3532



Tritanopia

106.4690, 8.6428, -18.8283

Trichromacy



Original Color

110.4210, 48.5994, -1.2462

Protanomaly

98.3170, 59.4967, -43.2510

Deuteranomaly

96.5090, 51.5141, -49.5584

Tritanomaly

107.9980, 23.1720, -12.2762

Monochromacy



Original Color

110.4210, 48.5994, -1.2462

Achromatopsia

110.0000, 0.0000, 0.0000

Achromatomaly

109.9950, 17.7505, 0.0044

CSS Examples

Text

The CSS property to change the color of the text to YUV 110.4210, 48.5994, -1.2462 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, 92, 209)` looks like.

```
.text, #text, p{  
    color:rgb(109, 92, 209)  
}
```

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, 92, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 92, 209) }
```

Border

The CSS property to change the border of an element to YUV 110.4210, 48.5994, -1.2462 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, 92, 209) }
```


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

```
.border{ border-color:rgb(109, 92, 209) }
```

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

Here you see how a box with a 4 pixel rgb(109, 92, 209) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 92, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 92, 209);  
box-shadow:4px 4px 4px 4px rgb(109, 92,  
209) }
```

Background

The CSS property to change the background color of an element to YUV 110.4210, 48.5994, -1.2462 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 92, 209) }
```

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

```
.background{ background-color: rgb(109, 92,  
209) }
```

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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