

Converting Colors

YUV(110.8470, 48.8824,
-45.4698)

Have a look what the booklet for
YUV(110.8470, 48.8824, -45.4698)
contains.

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Color

**YUV(110.8470, 48.8824,
-45.4698)**

Conversions

Conversions Part 1

Format	Color
Hex	3B76D2
RGB	59, 118, 210
RGB Percent	23%, 46%, 82%
CMY	0.7686, 0.5373, 0.1765
CMYK	0.72, 0.44, 0.00, 0.18
HSL	217°, 63%, 53%
HSV	217°, 72%, 82%
XYZ	19.9149, 18.5398, 63.5017
YIQ	110.8470, -64.6960, 16.1040

Conversions

Conversions Part 2

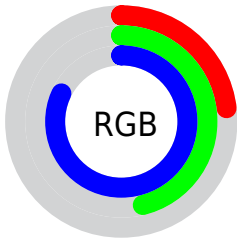
Format	Color
R_{YB}	59, 101, 210
Decimal	3897042
CIE _{Lab}	50.14, 11.87, -53.06
CIE _{LCh}	50, 54.367, 282.608
Yxy	18.5398, 0.1953, 0.1818
Android (android.graphics.Color)	4282087122 (0xFF3B76D2)
YUV	110.8470, 48.8824, -45.4698
Hunter-Lab	43.0579, 7.2076, -57.3002

Details

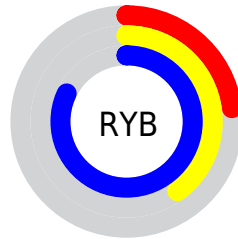
The YUV color **110.8470, 48.8824, -45.4698** is a dark color, and the websafe version is hex **0066CC**. The color can be described as dark muted azure. A complement of this color would be **158.1530, -48.8824, 45.4698**, and the grayscale version is **110.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **165.9360, 43.9086, -36.7779**, and **59.3470, 47.1569, -52.0473** is the 20% darker color. If you saturate the color by 10%, you get **96.9370, 55.7401, -51.6877**, and if you desaturate by 10%, it is **124.7570, 42.0248, -39.2519**.

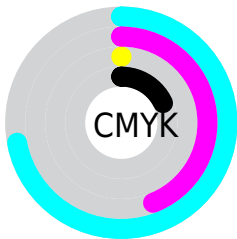
Distribution



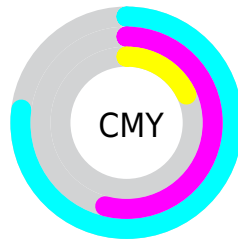
- Red (23%)
- Green (46%)
- Blue (82%)



- Red (23%)
- Yellow (40%)
- Blue (82%)



- Cyan (72%)
- Magenta (44%)
- Yellow (0%)
- Black (18%)



- Cyan (77%)
- Magenta (54%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the YUV color 110.8470, 48.8824, -45.4698 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 110.8470, 48.8824, -45.4698 by changing the saturation by 10% instead.

■ 110.8470, 48.8824,
-45.4698

■ 110.8470, 48.8824,
-45.4698

255.0000, 0.0000,
0.0000

■ 76.5240, 51.9997,
-65.3575

■ 165.9360, 43.9086,
-36.7779

■ 59.3470, 47.1569,
-52.0473

■ 190.7550, 31.6728,
-32.2341

■ 43.3550, 41.7300,
-38.0223

■ 216.1610, 19.1476,
-28.2052

■ 28.7650, 36.5979,
-25.2269

■ 241.5670, 6.6225,
-24.1763

■ 9.4790, 33.7809,
-8.3131

■ 251.7110, 1.6215,
-6.7625

■ 9.0910, 22.1401,
-7.9728

■ 4.8220, 13.3988,

-4.2289

■ 0.4560, 1.7472,
-0.3999

■ 0.0000, 0.0000,
0.0000

■ 110.8470, 48.8824,
-45.4698

■ 110.8470, 48.8824,
-45.4698

■ 96.9370, 55.7401,
-51.6877

■ 124.7570, 42.0248,
-39.2519

■ 83.0270, 62.5977,
-57.9057

■ 138.6670, 35.1672,
-33.0340

■ 72.0740, 67.9975,
-63.2089

■ 151.9900, 28.5989,
-26.3012

■ 165.9000, 21.7413,
-20.0833

■ 179.8100, 14.8837,
-13.8654

■ 193.7200, 8.0260,
-7.6474

■ 207.6300, 1.1684,
-1.4295

■ 220.9530, -5.3998,
5.3032

■ 234.8630,
-12.2575, 11.5211

Harmonies

Analogous

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



101.1960, 52.6544, -88.7489



110.8470, 48.8824, -45.4698



122.6120, 32.2363, 20.5113

Triad

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



110.8470, 48.8824, -45.4698



115.9750, -28.5817, 67.5509



91.8530, -0.9135, -80.5551

Complementary

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



110.8470, 48.8824, -45.4698



158.1530, -48.8824, 45.4698

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.



105.4300, -29.2990, -29.3181



110.8470, 48.8824, -45.4698



114.4670, -45.0932, 43.4404

Square

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



110.8470, 48.8824, -45.4698



115.7630, -6.7852, 76.5068



110.5310, -49.0688, 11.8123



98.4990, 19.4740, -86.3836

Rectangle

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



110.8470, 48.8824, -45.4698



121.6990, 20.3614, 49.3760



110.5310, -49.0688, 11.8123



89.4420, -7.6129, -78.4406

Sweetspot

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



110.8470, 48.8824, -45.4698



218.2980, 18.0941, -16.9243



158.0110, -3.9494, -86.8326



105.5070, 11.0890, -10.0916



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.



110.8470, 48.8824, -45.4698



110.8610, 71.0605, -65.6531



80.6990, 63.7454, -5.8750



97.6020, 3.6472, -3.1590



57.8940, 54.2823, -50.7730



14.0660, 13.2785, -12.3359

Inverse Universe

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



110.8750, 3.5126, 86.9326



111.1710, 4.8457, 126.1380



188.3010, -63.7454, 5.8750



97.7450, 0.1257, 6.3626



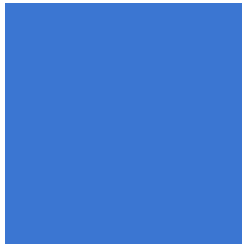
57.7560, 4.0643, 96.6840



14.0830, 0.9451, 23.6062

Previews

White Background



This preview shows how the YUV color 110.8470, 48.8824, -45.4698 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 110.8470, 48.8824, -45.4698 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

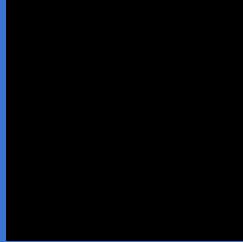
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 110.8470, 48.8824, -45.4698

Background



This preview shows how black text looks on a background with the YUV color 110.8470, 48.8824, -45.4698.



This preview shows how white text looks on a background with the YUV color 110.8470, 48.8824, -45.4698.

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

110.8470, 48.8824, -45.4698

Protanopia

114.8270, 45.9343, -33.1743

Deuteranopia

105.6280, 50.9624, -59.3098

Trichromacy



Original Color

110.8470, 48.8824, -45.4698

Protanomaly

113.4350, 47.1135, -38.0925

Deuteranomaly

107.4330, 50.0725, -53.8767

Monochromacy



Original Color

110.8470, 48.8824, -45.4698

Achromatopsia

111.0000, 0.0000, 0.0000

Achromatomaly

111.1840, 17.6573, -16.8244

CSS Examples

Text

The CSS property to change the color of the text to YUV 110.8470, 48.8824, -45.4698 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(59, 118, 210)` looks like.

```
.text, #text, p{  
    color:rgb(59, 118, 210)  
}
```

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(59, 118, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(59, 118, 210) }
```

Border

The CSS property to change the border of an element to YUV 110.8470, 48.8824, -45.4698 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(59, 118, 210) }
```

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

```
.border{ border-color:rgb(59, 118, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(59, 118, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(59, 118, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(59, 118, 210);  
box-shadow:4px 4px 4px 4px rgb(59, 118,  
210) }
```


Background

The CSS property to change the background color of an element to YUV 110.8470, 48.8824, -45.4698 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(59, 118, 210) }
```

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

```
.background{ background-color: rgb(59, 118,  
210) }
```

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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