

Converting Colors

YUV(110.0670, 45.3230,
-23.7378)

Have a look what the booklet for
YUV(110.0670, 45.3230, -23.7378)
contains.

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Color

**YUV(110.0670, 45.3230,
-23.7378)**

Conversions

Conversions Part 1

Format	Color
Hex	536ACA
RGB	83, 106, 202
RGB Percent	33%, 42%, 79%
CMY	0.6745, 0.5843, 0.2078
CMYK	0.59, 0.48, 0.00, 0.21
HSL	228°, 53%, 56%
HSV	228°, 59%, 79%
XYZ	19.3820, 16.4113, 58.0233
YIQ	110.0670, -44.5240, 24.9800

Conversions

Conversions Part 2

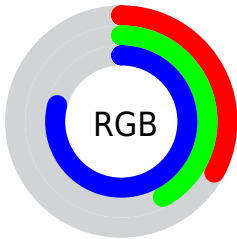
Format	Color
R _{YB}	83, 102, 202
Decimal	5466826
CIE _{Lab}	47.51, 20.55, -52.65
CIE _{LCh}	48, 56.517, 291.323
Yxy	16.4113, 0.2066, 0.1749
Android (android.graphics.Color)	4283656906 (0xFF536ACA)
YUV	110.0670, 45.3230, -23.7378
Hunter-Lab	40.5109, 14.5072, -56.5627

Details

The YUV color **110.0670, 45.3230, -23.7378** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark muted azure. A complement of this color would be **174.9330, -45.3230, 23.7378**, and the grayscale version is **110.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **163.3880, 45.1647, -19.6343**, and **51.3910, 47.1352, -45.0699** is the 20% darker color. If you saturate the color by 10%, you get **94.6950, 52.9014, -27.7965**, and if you desaturate by 10%, it is **125.4390, 37.7446, -19.6790**.

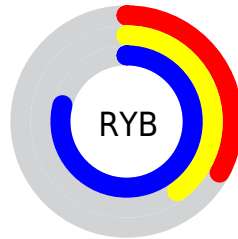
Distribution



Red (33%)

Green (42%)

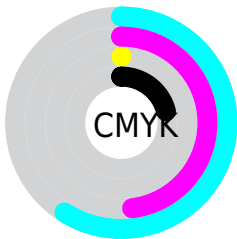
Blue (79%)



Red (33%)

Yellow (40%)

Blue (79%)

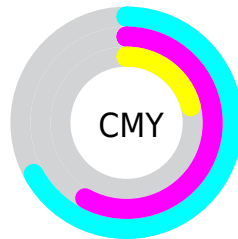


Cyan (59%)

Magenta (48%)

Yellow (0%)

Black (21%)



Cyan (67%)

Magenta (58%)

Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the YUV color 110.0670, 45.3230, -23.7378 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 110.0670, 45.3230, -23.7378 by changing the saturation by 10% instead.

■ 110.0670, 45.3230,
-23.7378

■ 110.0670, 45.3230,
-23.7378

■ 255.0000, 0.0000,
0.0000

■ 83.2190, 44.7550,
-28.2561

■ 163.3880, 45.1647,
-19.6343

■ 51.3910, 47.1352,
-45.0699

■ 187.9080, 33.0764,
-15.7053

■ 36.1000, 41.8557,
-31.6597

■ 212.7270, 20.8406,
-11.1616

■ 22.5700, 35.7080,
-19.7939

■ 238.4210, 8.1734,
-8.2622

■ 8.0940, 31.0127,
-7.0984

■ 7.8200, 19.8087,
-6.8581

■ 3.5510, 11.0674,

-3.1142

■ 0.0000, 0.0000,
0.0000

■ 110.0670, 45.3230,
-23.7378

■ 110.0670, 45.3230,
-23.7378

■ 94.6950, 52.9014,
-27.7965

■ 125.4390, 37.7446,
-19.6790

■ 78.7360, 60.7692,
-31.3405

■ 141.3980, 29.8768,
-16.1350

■ 63.0650, 68.4950,
-36.0140

■ 157.0690, 22.1510,
-11.4615

■ 47.6930, 76.0734,
-40.0728

■ 172.4410, 14.5726,
-7.4028

■ 45.9210, 76.9469,
-40.2727

■ 187.8130, 6.9942,
-3.3440

■ 203.7720, -0.8736,
0.2000

■ 219.1440, -8.4520,
4.2587

■ 234.8150,
-16.1778, 8.9322

■ 247.7840,
-22.5715, 6.3284

Harmonies

Analogous

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



95.2120, 55.1115, -83.5009



110.0670, 45.3230, -23.7378



115.6740, 28.2617, 35.3659

Triad

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



110.0670, 45.3230, -23.7378



108.0470, -34.5332, 63.1028



89.7160, 3.5910, -78.6809

Complementary

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



110.0670, 45.3230, -23.7378



174.9330, -45.3230, 23.7378

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.



92.3720, -21.3824, -48.5612



110.0670, 45.3230, -23.7378



106.1750, -52.3443, 35.8035

Square

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



110.0670, 45.3230, -23.7378



107.4660, -13.0477, 78.5213



101.2370, -49.9098, 1.5462



95.8890, 24.7047, -84.0947

Rectangle

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



110.0670, 45.3230, -23.7378



111.9240, 15.8135, 61.4567



101.2370, -49.9098, 1.5462



87.1910, -3.5452, -76.4665

Sweetspot

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



110.0670, 45.3230, -23.7378



219.5270, 17.4882, -9.2322



163.6830, 7.0583, -70.7590



105.8280, 10.9308, -5.9882



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.



110.0670, 45.3230, -23.7378



115.1790, 68.9318, -36.1140



107.3300, 46.6723, 10.2346



94.3140, 3.7892, -2.0294



37.7080, 63.2480, -33.0699



8.4410, 14.5726, -7.4028

Inverse Universe

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



121.2030, -7.4951, 70.8590



132.1090, -11.3927, 107.7754



177.6700, -46.6723, -10.2346



95.2180, -0.6005, 5.9478



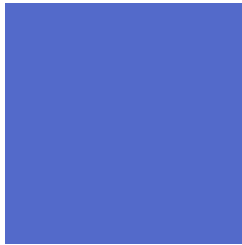
53.2820, -10.4920, 98.8537



12.1600, -2.5439, 22.6617

Previews

White Background



This preview shows how the YUV color 110.0670, 45.3230, -23.7378 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 110.0670, 45.3230, -23.7378 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 110.0670, 45.3230, -23.7378

Background



This preview shows how black text looks on a background with the YUV color 110.0670, 45.3230, -23.7378.



This preview shows how white text looks on a background with the YUV color 110.0670, 45.3230, -23.7378.

-23.7378.

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

110.0670, 45.3230, -23.7378

Protanopia

106.4890, 48.5659, -37.2629

Deuteranopia

98.3890, 50.0942, -60.8542



Tritanopia

102.5090, 14.5391, -43.4194

Trichromacy



Original Color

110.0670, 45.3230, -23.7378

Protanomaly

107.8810, 47.3867, -32.3446

Deuteranomaly

102.7220, 48.4511, -47.1142

Tritanomaly

105.1260, 25.5739, -36.0675

Monochromacy



Original Color

110.0670, 45.3230, -23.7378

Achromatopsia

110.0000, 0.0000, 0.0000

Achromatomaly

110.1850, 16.1778, -8.9322

CSS Examples

Text

The CSS property to change the color of the text to YUV 110.0670, 45.3230, -23.7378 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(83, 106, 202)` looks like.

```
.text, #text, p{  
    color:rgb(83, 106, 202)  
}
```

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(83, 106, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(83, 106, 202) }
```

Border

The CSS property to change the border of an element to YUV 110.0670, 45.3230, -23.7378 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(83, 106, 202) }
```


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

```
.border{ border-color:rgb(83, 106, 202) }
```

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

Here you see how a box with a 4 pixel rgb(83, 106, 202) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(83, 106, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(83, 106, 202);  
box-shadow:4px 4px 4px 4px rgb(83, 106,  
202) }
```

Background

The CSS property to change the background color of an element to YUV 110.0670, 45.3230, -23.7378 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(83, 106, 202) }
```

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

```
.background{ background-color: rgb(83, 106,  
202) }
```

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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