

Converting Colors

YUV(117.6430, 45.0390,
-25.9969)

Have a look what the booklet for
YUV(117.6430, 45.0390, -25.9969)
contains.

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Color

**YUV(117.6430, 45.0390,
-25.9969)**

Conversions

Conversions Part 1	
Format	Color
Hex	5873D1
RGB	88, 115, 209
RGB Percent	35%, 45%, 82%
CMY	0.6549, 0.5490, 0.1804
CMYK	0.58, 0.45, 0.00, 0.18
HSL	227°, 57%, 58%
HSV	227°, 58%, 82%
XYZ	21.6639, 18.9396, 62.8355
YIQ	117.6430, -46.2660, 23.5100

Conversions

Conversions Part 2

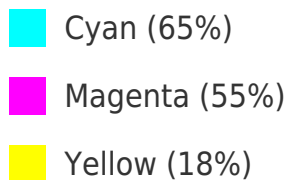
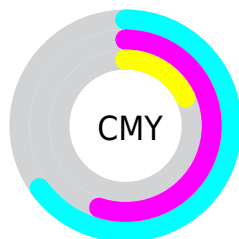
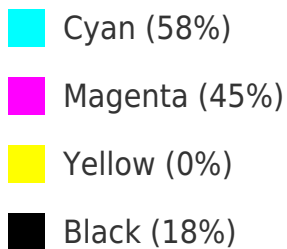
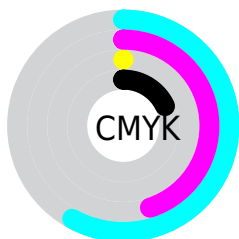
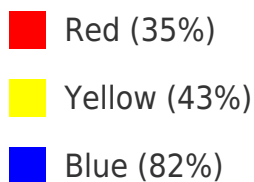
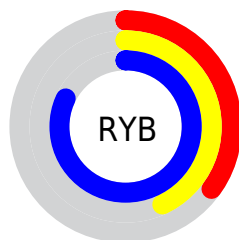
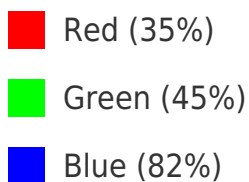
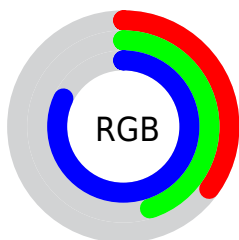
Format	Color
RYB	88, 110, 209
Decimal	5796817
CIELab	50.62, 18.28, -51.66
CIELCh	51, 54.796, 289.491
Yxy	18.9396, 0.2094, 0.1831
Android (android.graphics.Color)	4283986897 (0xFF5873D1)
YUV	117.6430, 45.0390, -25.9969
Hunter-Lab	43.5197, 12.6969, -55.1416

Details

The YUV color **117.6430, 45.0390, -25.9969** is a dark color, and the websafe version is hex **3366CC**. The color can be described as middle muted azure. A complement of this color would be **179.3570, -45.0390, 25.9969**, and the grayscale version is **117.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **170.7530, 41.5338, -21.7084**, and **61.0600, 45.8194, -43.0256** is the 20% darker color. If you saturate the color by 10%, you get **101.9720, 52.7648, -30.6704**, and if you desaturate by 10%, it is **133.3140, 37.3132, -21.3234**.


Distribution





Brightness & Saturation Gradients


These gradients show how the YUV color 117.6430, 45.0390, -25.9969 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 117.6430, 45.0390, -25.9969 by changing the saturation by 10% instead.


 117.6430, 45.0390,
-25.9969


 117.6430, 45.0390,
-25.9969

 255.0000, 0.0000,
0.0000


 91.0940, 44.3237,
-29.9004

 170.7530, 41.5338,
-21.7084

 61.0600, 45.8194,
-43.0256


 195.2730, 29.4454,
-17.7794

 41.4800, 42.1614,
-36.3780

 220.0920, 17.2096,
-13.2357

 26.8900, 37.0292,
-23.5825

 245.7860, 4.5425,
-10.3363

 8.7780, 33.6334,
-7.6983

 8.9770, 21.7033,
-7.8728

 4.7080, 12.9620,

-4.1289

■ 0.2280, 0.8736,
-0.2000

■ 0.0000, 0.0000,
0.0000

■ 117.6430, 45.0390,
-25.9969

■ 117.6430, 45.0390,
-25.9969

■ 101.9720, 52.7648,
-30.6704

■ 133.3140, 37.3132,
-21.3234

■ 86.3010, 60.4906,
-35.3440

■ 148.9850, 29.5874,
-16.6498

■ 70.0430, 68.5058,
-39.5027

■ 165.2430, 21.5722,
-12.4911

■ 54.3720, 76.2316,
-44.1762

■ 180.9140, 13.8464,
-7.8176

■ 51.4150, 77.6894,
-45.0910

■ 196.5850, 6.1206,
-3.1440

■ 211.9570, -1.4578,
0.9147

■ 228.2150, -9.4730,
5.0734

■ 243.8860,
-17.1988, 9.7470

■ 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.



101.0650, 54.6910, -88.6340



117.6430, 45.0390, -25.9969



123.7660, 28.7094, 31.7772

Triad

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



117.6430, 45.0390, -25.9969



116.8020, -32.9334, 63.3176



94.3950, 3.7493, -82.7844

Complementary

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



117.6430, 45.0390, -25.9969



179.3570, -45.0390, 25.9969

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.



103.5470, -23.4407, -41.6987



117.6430, 45.0390, -25.9969



114.8100, -48.7133, 37.8776

Square

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



117.6430, 45.0390, -25.9969



116.6830, -12.1687, 76.5770



110.9860, -45.8421, 3.5203



100.4540, 24.4262, -88.0982

Rectangle

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



117.6430, 45.0390, -25.9969



121.3150, 16.1137, 58.4827



110.9860, -45.8421, 3.5203



91.9840, -2.9501, -80.6700

Sweetspot

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



117.6430, 45.0390, -25.9969



222.1850, 16.1778, -8.9322



169.6290, 5.6059, -71.5886



108.4860, 9.6204, -5.6882



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.



117.6430, 45.0390, -25.9969



121.9570, 65.5902, -37.6733



111.3620, 48.1355, 7.5755



96.4280, 4.2260, -2.1294



41.4580, 62.3852, -36.3587



9.9570, 15.3042, -8.7323

Inverse Universe

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



127.2570, -6.0427, 71.6886



136.0700, -8.9085, 104.3016



185.6380, -48.1355, -7.5755



97.5170, -0.7479, 6.5626



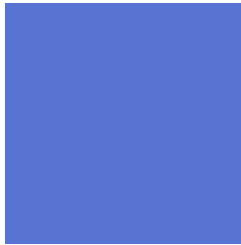
54.5640, -8.1661, 99.4834



13.2850, -2.1125, 24.3061

Previews

White Background



This preview shows how the YUV color 117.6430, 45.0390, -25.9969 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 117.6430, 45.0390, -25.9969 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

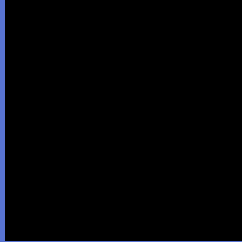
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 117.6430, 45.0390, -25.9969

Background



This preview shows how black text looks on a background with the YUV color 117.6430, 45.0390, -25.9969.



This preview shows how white text looks on a background with the YUV color 117.6430, 45.0390, -25.9969.

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

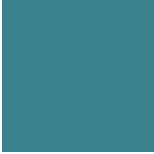
117.6430, 45.0390, -25.9969

Protanopia

115.7560, 46.9553, -33.9890

Deuteranopia

109.8740, 47.8831, -51.6325



Tritanopia

110.3240, 15.1233, -44.1341

Trichromacy



Original Color
117.6430, 45.0390, -25.9969

Protanomaly
116.2510, 46.2183, -30.9151

Deuteranomaly
112.7010, 46.9824, -42.7108

Tritanomaly
113.2290, 26.0161, -37.9118

Monochromacy



Original Color
117.6430, 45.0390, -25.9969

Achromatopsia
118.0000, 0.0000, 0.0000

Achromatomaly
117.8860, 16.3252, -9.5470

CSS Examples

Text

The CSS property to change the color of the text to YUV 117.6430, 45.0390, -25.9969 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(88, 115, 209)` looks like.

```
.text, #text, p{  
    color:rgb(88, 115, 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(88, 115, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(88, 115, 209) }
```

Border

The CSS property to change the border of an element to YUV 117.6430, 45.0390, -25.9969 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(88, 115, 209) }
```

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

```
.border{ border-color:rgb(88, 115, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(88, 115, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(88, 115, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(88, 115, 209);  
box-shadow:4px 4px 4px 4px rgb(88, 115,  
209) }
```

Background

The CSS property to change the background color of an element to YUV 117.6430, 45.0390, -25.9969 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(88, 115, 209) }
```

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

```
.background{ background-color: rgb(88, 115,  
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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