

Converting Colors

YUV(58.8310, 46.4253,
-50.7178)

Have a look what the booklet for
YUV(58.8310, 46.4253, -50.7178)
contains.

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Color

**YUV(58.8310, 46.4253,
-50.7178)**

Conversions

Conversions Part 1

Format	Color
Hex	014699
RGB	1, 70, 153
RGB Percent	0%, 27%, 60%
CMY	0.9961, 0.7255, 0.4000
CMYK	0.99, 0.54, 0.00, 0.40
HSL	213°, 99%, 30%
HSV	213°, 99%, 60%
XYZ	7.9524, 6.6867, 31.0085
YIQ	58.8310, -67.7670, 11.1850

Conversions

Conversions Part 2

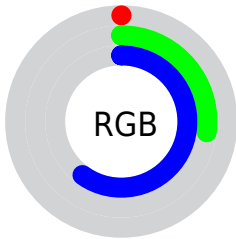
Format	Color
R_YB	1, 48, 153
Decimal	83609
CIE _{Lab}	31.08, 15.74, -50.41
CIE _{LCh}	31, 52.809, 287.346
Yxy	6.6867, 0.1742, 0.1465
Android (android.graphics.Color)	4278273689 (0xFF014699)
YUV	58.8310, 46.4253, -50.7178
Hunter-Lab	25.8586, 9.6425, -52.9969

Details

The YUV color **58.8310, 46.4253, -50.7178** is a dark color, and the websafe version is hex **0066CC**. A complement of this color would be **95.1690, -46.4253, 50.7178**, and the grayscale version is **58.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **118.3930, 44.1763, -29.2857**, and **27.9500, 36.0136, -24.5122** is the 20% darker color. If you saturate the color by 10%, you get **57.9450, 46.8621, -50.8178**, and if you desaturate by 10%, it is **68.0120, 41.8991, -45.6145**.

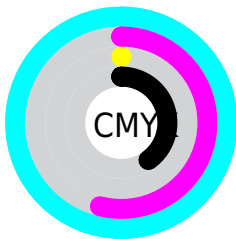
Distribution



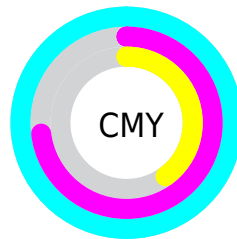
- Red (0%)
- Green (27%)
- Blue (60%)



- Red (0%)
- Yellow (19%)
- Blue (60%)



- Cyan (99%)
- Magenta (54%)
- Yellow (0%)
- Black (40%)



- Cyan (100%)
- Magenta (73%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the YUV color 58.8310, 46.4253, -50.7178 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 58.8310, 46.4253, -50.7178 by changing the saturation by 10% instead.

■ 58.8310, 46.4253,
-50.7178

■ 58.8310, 46.4253,
-50.7178

■ 255.0000, 0.0000,
0.0000

■ 42.6540, 41.5826,
-37.4076

■ 118.3930, 44.1763,
-29.2857

■ 27.9500, 36.0136,
-24.5122

■ 145.0450, 45.3338,
-27.2265

■ 9.3650, 33.3441,
-8.2131

■ 171.0300, 41.3972,
-24.5823

■ 8.9770, 21.7033,
-7.8728

■ 195.5500, 29.3089,
-20.6533

■ 4.7080, 12.9620,
-4.1289

■ 220.9560, 16.7837,
-16.6244

■ 0.1140, 0.4368,
-0.1000

■ 246.6500, 4.1166,

■ 0.0000, 0.0000,

-13.7250

0.0000

■ 58.8310, 46.4253,
-50.7178

■ 58.8310, 46.4253,
-50.7178

■ 57.9450, 46.8621,
-50.8178

■ 68.0120, 41.8991,
-45.6145

■ 78.0790, 36.9361,
-40.4113

■ 87.2600, 32.4098,
-35.3080

■ 96.4410, 27.8836,
-30.2048

■ 106.5080, 22.9206,
-25.0015

■ 115.6890, 18.3943,
-19.8983

■ 124.8700, 13.8681,
-14.7950

■ 134.6380, 9.0525,
-10.2065

■ 144.1180, 4.3788,
-4.4885

Harmonies

Analogous

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



66.3910, 43.6842, -58.2249



58.8310, 46.4253, -50.7178



74.3800, 27.4207, 25.0997

Triad

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



58.8310, 46.4253, -50.7178



66.1370, -27.6755, 56.8849



58.9860, -2.4581, -51.7307

Complementary

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



58.8310, 46.4253, -50.7178



95.1690, -46.4253, 50.7178

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.



51.1660, -22.2668, -44.8726



58.8310, 46.4253, -50.7178



69.2510, -34.1407, 30.4749

Square

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



58.8310, 46.4253, -50.7178



60.6100, -4.7377, 73.1330



66.7050, -32.8856, 1.1357



64.4750, 16.0348, -56.5446

Rectangle

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



58.8310, 46.4253, -50.7178



68.8520, 18.3140, 52.7498



66.7050, -32.8856, 1.1357



56.6890, -8.7207, -49.7163

Sweetspot

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



58.8310, 46.4253, -50.7178



161.6890, 18.3943, -19.8983



99.4580, -8.6068, -86.3477



77.3820, 10.6577, -11.7360



227.0000, 0.0000, 0.0000



99.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



58.8310, 46.4253, -50.7178



75.5160, 60.8776, -66.2275



19.8230, 65.6563, -12.1228



71.6730, 2.6262, -2.3442



53.5280, 42.6307, -46.9441



5.0040, 3.9420, -4.3885

Inverse Universe

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



54.3140, 7.7332, 86.5476



69.7610, 9.9778, 113.3426



134.1770, -65.6563, 12.1228



71.7340, 0.1311, 4.6183



49.1560, 7.3181, 79.6702



4.5710, 0.7045, 7.3922

Previews

White Background



This preview shows how the YUV color 58.8310, 46.4253, -50.7178 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 ✓ Pass

Black Background



This preview shows how the YUV color 58.8310, 46.4253, -50.7178 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

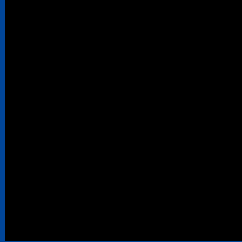
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 58.8310, 46.4253, -50.7178

Background



This preview shows how black text looks on a background with the YUV color 58.8310, 46.4253, -50.7178.



This preview shows how white text looks on a background with the YUV color 58.8310, 46.4253, -50.7178.

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

58.8310, 46.4253, -50.7178

Protanopia

58.7770, 44.9729, -51.5474

Deuteranopia

58.8450, 35.0794, -51.6071



Tritanopia

58.0520, 14.2714, -50.9116

Trichromacy



Original Color

58.8310, 46.4253, -50.7178

Protanomaly

58.8910, 45.4097, -51.6474

Deuteranomaly

58.5830, 39.1526, -51.3773

Tritanomaly

58.4400, 25.9121, -51.2519

Monochromacy



Original Color

58.8310, 46.4253, -50.7178

Achromatopsia

59.0000, 0.0000, 0.0000

Achromatomaly

58.9450, 16.7891, -18.3688

CSS Examples

Text

The CSS property to change the color of the text to YUV 58.8310, 46.4253, -50.7178 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(1, 70, 153)` looks like.

```
.text, #text, p{  
    color:rgb(1, 70, 153)  
}
```

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(1, 70, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(1, 70, 153) }
```

Border

The CSS property to change the border of an element to YUV 58.8310, 46.4253, -50.7178 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(1, 70, 153) }
```


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

```
.border{ border-color:rgb(1, 70, 153) }
```

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

Here you see how a box with a 4 pixel rgb(1, 70, 153) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(1, 70, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(1, 70, 153);  
box-shadow:4px 4px 4px 4px rgb(1, 70, 153)  
}
```

Background

The CSS property to change the background color of an element to YUV 58.8310, 46.4253, -50.7178 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(1, 70, 153) }
```

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

```
.background{ background-color: rgb(1, 70,  
153) }
```

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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