

Converting Colors

YUV(114.4670, 48.5768,
-40.7516)

Have a look what the booklet for
YUV(114.4670, 48.5768, -40.7516)
contains.

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Color

**YUV(114.4670, 48.5768,
-40.7516)**

Conversions

Conversions Part 1

Format	Color
Hex	4477D5
RGB	68, 119, 213
RGB Percent	27%, 47%, 84%
CMY	0.7333, 0.5333, 0.1647
CMYK	0.68, 0.44, 0.00, 0.16
HSL	219°, 63%, 55%
HSV	219°, 68%, 84%
XYZ	20.9910, 19.2267, 65.5556
YIQ	114.4670, -60.5700, 18.4220

Conversions

Conversions Part 2

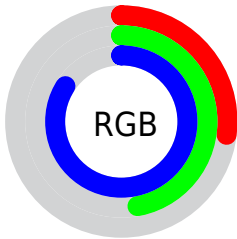
Format	Color
R _Y B	68, 106, 213
Decimal	4487125
CIE Lab	50.95, 13.64, -53.45
CIE LCh	51, 55.161, 284.321
Yxy	19.2267, 0.1985, 0.1818
Android (android.graphics.Color)	4282677205 (0xFF4477D5)
YUV	114.4670, 48.5768, -40.7516
Hunter-Lab	43.8483, 8.7168, -57.9481

Details

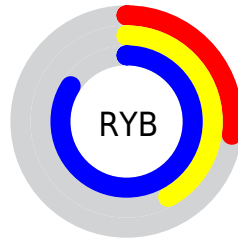
The YUV color **114.4670, 48.5768, -40.7516** is a dark color, and the websafe version is hex **3366CC**. The color can be described as middle muted azure. A complement of this color would be **166.5330, -48.5768, 40.7516**, and the grayscale version is **114.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **168.6160, 42.5873, -32.9892**, and **59.6890, 48.4673, -52.3473** is the 20% darker color. If you saturate the color by 10%, you get **99.9700, 55.7238, -46.4547**, and if you desaturate by 10%, it is **128.9640, 41.4297, -35.0484**.

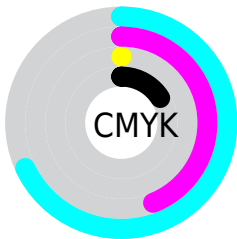
Distribution



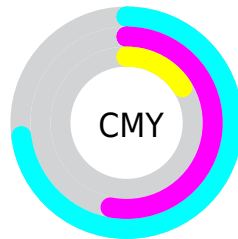
- Red (27%)
- Green (47%)
- Blue (84%)



- Red (27%)
- Yellow (42%)
- Blue (84%)



- Cyan (68%)
- Magenta (44%)
- Yellow (0%)
- Black (16%)



- Cyan (73%)
- Magenta (53%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the YUV color 114.4670, 48.5768, -40.7516 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 114.4670, 48.5768, -40.7516 by changing the saturation by 10% instead.

■ 114.4670, 48.5768,
-40.7516

■ 114.4670, 48.5768,
-40.7516

■ 255.0000, 0.0000,
0.0000

■ 84.6290, 49.4829,
-51.4176

■ 168.6160, 42.5873,
-32.9892

■ 59.6890, 48.4673,
-52.3473

■ 193.4350, 30.3515,
-28.4455

■ 44.2840, 42.7510,
-38.8371

■ 218.5420, 17.9738,
-25.0313

■ 29.5800, 37.1821,
-25.9417

■ 243.9480, 5.4486,
-21.0024

■ 10.9950, 34.5125,
-9.6426

■ 253.8040, 0.5896,
-2.4591

■ 9.4330, 23.4505,
-8.2727

■ 5.0500, 14.2723,

-4.4289

■ 0.9120, 3.4944,
-0.7998

■ 0.0000, 0.0000,
0.0000

■ 114.4670, 48.5768,
-40.7516

■ 114.4670, 48.5768,
-40.7516

■ 99.9700, 55.7238,
-46.4547

■ 128.9640, 41.4297,
-35.0484

■ 85.1740, 63.0182,
-52.7726

■ 143.7600, 34.1353,
-28.7305

■ 71.2640, 69.8758,
-58.9905

■ 157.6700, 27.2777,
-22.5126

■ 68.3070, 71.3336,
-59.9052

■ 172.1670, 20.1307,
-16.8095

■ 186.9630, 12.8362,
-10.4916

■ 201.4600, 5.6892,
-4.7884

■ 215.9570, -1.4578,
0.9147

■ 229.8670, -8.3154,
7.1326

■ 243.1680,
-14.8728, 10.3767

Harmonies

Analogous

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



102.8260, 53.8228, -90.1784



114.4670, 48.5768, -40.7516



125.1070, 31.4992, 23.5852

Triad

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



114.4670, 48.5768, -40.7516



117.6330, -29.8921, 67.8509



94.0700, -0.0345, -82.4994

Complementary

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



114.4670, 48.5768, -40.7516



166.5330, -48.5768, 40.7516

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.



106.0490, -28.1252, -32.4920



114.4670, 48.5768, -40.7516



116.2990, -46.9824, 42.7108

Square

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



114.4670, 48.5768, -40.7516



117.7200, -8.2430, 77.4216



112.4060, -49.5002, 10.1679



100.8300, 20.7898, -88.4279

Rectangle

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



114.4670, 48.5768, -40.7516



123.1940, 19.6244, 52.4499



112.4060, -49.5002, 10.1679



91.6590, -6.7339, -80.3849

Sweetspot

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



114.4670, 48.5768, -40.7516



220.3800, 17.0677, -14.3653



163.6030, -1.7763, -83.8438



106.9910, 10.3574, -8.7621



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.



114.4670, 48.5768, -40.7516



112.6770, 70.1652, -58.4757



90.2110, 60.5350, -2.8160



99.6020, 3.6472, -3.1590



54.7140, 57.3290, -47.9842



13.7070, 14.4414, -12.0210

Inverse Universe

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



117.1690, 0.9027, 84.0438



116.8130, 1.0782, 121.1900



190.7890, -60.5350, 2.8160



99.7450, 0.1257, 6.3626



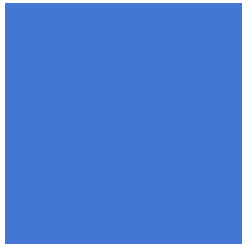
57.9690, 1.0013, 99.1282



14.5670, 0.2135, 24.9357

Previews

White Background



This preview shows how the YUV color 114.4670, 48.5768, -40.7516 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 114.4670, 48.5768, -40.7516 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

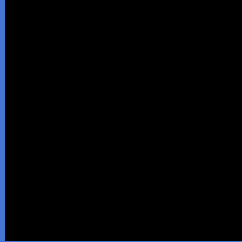
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 114.4670, 48.5768, -40.7516

Background



This preview shows how black text looks on a background with the YUV color 114.4670, 48.5768, -40.7516.



This preview shows how white text looks on a background with the YUV color 114.4670, 48.5768, -40.7516.

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

114.4670, 48.5768, -40.7516

Protanopia

116.7560, 46.9553, -33.9890

Deuteranopia

108.3400, 51.1044, -58.1802



Tritanopia

95.1880, 24.5573, -83.4799

Trichromacy



Original Color

114.4670, 48.5768, -40.7516

Protanomaly

115.5600, 47.5449, -36.4481

Deuteranomaly

110.4440, 50.0671, -52.1324

Tritanomaly

102.5780, 33.2390, -68.0359

Monochromacy



Original Color

114.4670, 48.5768, -40.7516

Achromatopsia

114.0000, 0.0000, 0.0000

Achromatomaly

114.1950, 17.6519, -15.0800

CSS Examples

Text

The CSS property to change the color of the text to YUV 114.4670, 48.5768, -40.7516 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(68, 119, 213)` looks like.

```
.text, #text, p{  
    color:rgb(68, 119, 213)  
}
```

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(68, 119, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(68, 119, 213) }
```

Border

The CSS property to change the border of an element to YUV 114.4670, 48.5768, -40.7516 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(68, 119, 213) }
```


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

```
.border{ border-color:rgb(68, 119, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(68, 119, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(68, 119, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(68, 119, 213);  
box-shadow:4px 4px 4px 4px rgb(68, 119,  
213) }
```

Background

The CSS property to change the background color of an element to YUV 114.4670, 48.5768, -40.7516 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(68, 119, 213) }
```

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

```
.background{ background-color: rgb(68, 119,  
213) }
```

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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