

Converting Colors

YUV(119.8670, 35.0686,
-48.1184)

Have a look what the booklet for
YUV(119.8670, 35.0686, -48.1184)
contains.

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Color

**YUV(119.8670, 35.0686,
-48.1184)**

Conversions

Conversions Part 1

Format	Color
Hex	4186BF
RGB	65, 134, 191
RGB Percent	25%, 53%, 75%
CMY	0.7451, 0.4745, 0.2510
CMYK	0.66, 0.30, 0.00, 0.25
HSL	207°, 50%, 50%
HSV	207°, 66%, 75%
XYZ	20.1090, 21.9356, 52.4643
YIQ	119.8670, -59.4210, 3.0990

Conversions

Conversions Part 2

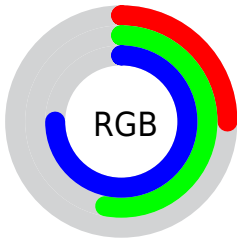
Format	Color
R _Y B	65, 110, 191
Decimal	4294335
CIE Lab	53.96, -3.61, -36.18
CIE LCh	54, 36.356, 264.300
Yxy	21.9356, 0.2128, 0.2321
Android (android.graphics.Color)	4282484415 (0xFF4186BF)
YUV	119.8670, 35.0686, -48.1184
Hunter-Lab	46.8355, -5.3222, -33.6309

Details

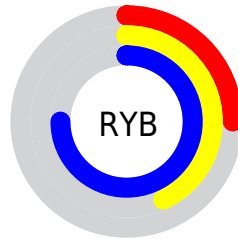
The YUV color **119.8670, 35.0686, -48.1184** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **136.1330, -35.0686, 48.1184**, and the grayscale version is **120.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **175.4160, 35.7839, -44.2148**, and **65.5130, 35.2431, -57.4549** is the 20% darker color. If you saturate the color by 10%, you get **108.9030, 40.4738, -55.1659**, and if you desaturate by 10%, it is **130.8310, 29.6633, -41.0708**.

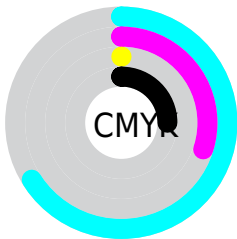
Distribution



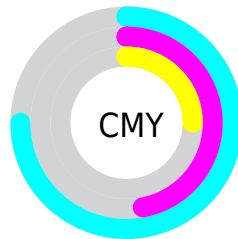
- Red (25%)
- Green (53%)
- Blue (75%)



- Red (25%)
- Yellow (43%)
- Blue (75%)



- Cyan (66%)
- Magenta (30%)
- Yellow (0%)
- Black (25%)



- Cyan (75%)
- Magenta (47%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the YUV color 119.8670, 35.0686, -48.1184 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 119.8670, 35.0686, -48.1184 by changing the saturation by 10% instead.

■ 119.8670, 35.0686,
-48.1184

■ 119.8670, 35.0686,
-48.1184

■ 255.0000, 0.0000,
0.0000

■ 90.7520, 36.1113,
-55.9105

■ 175.4160, 35.7839,
-44.2148

■ 65.5130, 35.2431,
-57.4549

■ 201.3210, 26.4637,
-41.5005

■ 49.1620, 30.9791,
-43.1151

■ 226.4280, 14.0860,
-38.0864

■ 33.3980, 26.4258,
-29.2900

■ 242.1430, 6.3385,
-26.4354

■ 18.9220, 21.7305,
-16.5946

■ 251.1130, 1.9163,
-7.9921

■ 6.4350, 17.0405,
-5.6435

■ 2.7530, 8.0098,

-2.4144

■ 0.0000, 0.0000,
0.0000

■ 119.8670, 35.0686,
-48.1184

■ 119.8670, 35.0686,
-48.1184

■ 108.9030, 40.4738,
-55.1659

■ 130.8310, 29.6633,
-41.0708

■ 98.5260, 45.5897,
-62.7283

■ 141.2080, 24.5475,
-33.5084

■ 87.5620, 50.9949,
-69.7759

■ 152.1720, 19.1422,
-26.4608

■ 83.4090, 53.0424,
-73.1497

■ 163.1360, 13.7370,
-19.4133

■ 173.8120, 8.4737,
-11.2361

■ 184.7760, 3.0684,
-4.1886

■ 195.1530, -2.0474,
3.3738

■ 206.1170, -7.4527,
10.4214

■ 217.0810,
-12.8579, 17.4690

Harmonies

Analogous

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



103.1730, 37.3827, -90.4827



119.8670, 35.0686, -48.1184



130.1820, 27.5183, -6.2986

Triad

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



119.8670, 35.0686, -48.1184



130.1160, -12.3822, 51.6413



119.4420, -14.0219, -29.3286

Complementary

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



119.8670, 35.0686, -48.1184



136.1330, -35.0686, 48.1184

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.



124.0020, -26.6230, -0.8788



119.8670, 35.0686, -48.1184



128.8470, -24.5746, 42.2302

Square

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



119.8670, 35.0686, -48.1184



131.5680, 2.1850, 45.9829



126.9450, -30.0459, 23.7272



108.5910, 6.6106, -67.1703

Rectangle

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



119.8670, 35.0686, -48.1184



132.4900, 20.4644, 16.2333



126.9450, -30.0459, 23.7272



121.2430, -18.8538, -19.5071

Sweetspot

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



119.8670, 35.0686, -48.1184



219.4350, 13.5895, -18.7985



145.4600, -11.5658, -70.5634



107.8120, 8.4737, -11.2361



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

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



119.8670, 35.0686, -48.1184



137.0390, 54.2108, -74.5792



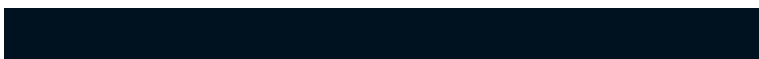
82.8860, 53.3002, -15.6860



88.9610, 2.4842, -3.4738



69.0810, 43.8371, -60.5840



13.5130, 8.6211, -11.8509

Inverse Universe

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



110.5400, 11.5658, 70.5634



122.5030, 17.9930, 109.1839



173.1140, -53.3002, 15.6860



88.2610, 0.8573, 5.0331



57.1600, 14.7111, 88.4367



11.2070, 2.8559, 17.3585

Previews

White Background



This preview shows how the YUV color 119.8670, 35.0686, -48.1184 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 119.8670, 35.0686, -48.1184 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

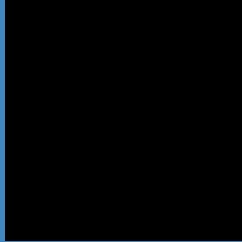
Any Text WCAG AA ✓ Pass

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 119.8670, 35.0686, -48.1184 Background



This preview shows how black text looks on a background with the YUV color 119.8670, 35.0686, -48.1184.

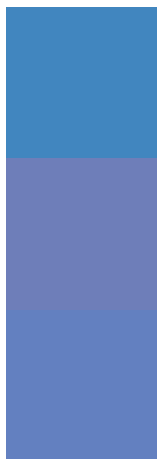


This preview shows how white text looks on a background with the YUV color 119.8670, 35.0686, -48.1184.

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

119.8670, 35.0686, -48.1184

Protanopia

127.9420, 28.1296, -15.7351

Deuteranopia

126.6250, 32.2299, -24.2271



Tritanopia

113.0660, 19.6875, -61.4479

Trichromacy



Original Color

119.8670, 35.0686, -48.1184

Protanomaly

125.1470, 30.4935, -27.3159

Deuteranomaly

124.2110, 33.4200, -32.6340

Tritanomaly

115.2930, 25.4916, -56.3850

Monochromacy



Original Color

119.8670, 35.0686, -48.1184

Achromatopsia

120.0000, 0.0000, 0.0000

Achromatomaly

119.9190, 12.8579, -17.4690

CSS Examples

Text

The CSS property to change the color of the text to YUV 119.8670, 35.0686, -48.1184 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(65, 134, 191)` looks like.

```
.text, #text, p{  
    color:rgb(65, 134, 191)  
}
```

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(65, 134, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(65, 134, 191) }
```

Border

The CSS property to change the border of an element to YUV 119.8670, 35.0686, -48.1184 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(65, 134, 191) }
```


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

```
.border{ border-color:rgb(65, 134, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(65, 134, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(65, 134, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(65, 134, 191);  
box-shadow:4px 4px 4px 4px rgb(65, 134,  
191) }
```

Background

The CSS property to change the background color of an element to YUV 119.8670, 35.0686, -48.1184 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(65, 134, 191) }
```

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

```
.background{ background-color: rgb(65, 134,  
191) }
```

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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