

Converting Colors

YUV(118.4680, 33.7863,
-10.0574)

Have a look what the booklet for
YUV(118.4680, 33.7863, -10.0574)
contains.

YUV(118.4680, 33.7863, -10.0574)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(118.4680, 33.7863,
-10.0574)**

Conversions

Conversions Part 1

Format	Color
Hex	6B6FBB
RGB	107, 111, 187
RGB Percent	42%, 44%, 73%
CMY	0.5804, 0.5647, 0.2667
CMYK	0.43, 0.41, 0.00, 0.27
HSL	237°, 37%, 58%
HSV	237°, 43%, 73%
XYZ	20.7175, 18.0825, 49.4121
YIQ	118.4680, -26.7800, 22.7880

Conversions

Conversions Part 2

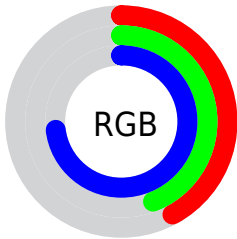
Format	Color
R_{YB}	107, 111, 187
Decimal	7040955
CIE _{Lab}	49.60, 18.17, -40.60
CIE _{LCh}	50, 44.476, 294.110
Yxy	18.0825, 0.2349, 0.2050
Android (android.graphics.Color)	4285231035 (0xFF6B6FBB)
YUV	118.4680, 33.7863, -10.0574
Hunter-Lab	42.5236, 12.5490, -39.1280

Details

The YUV color **118.4680, 33.7863, -10.0574** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **175.5320, -33.7863, 10.0574**, and the grayscale version is **118.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **171.9350, 35.5280, -8.7130**, and **68.5770, 31.7605, -13.6610** is the 20% darker color. If you saturate the color by 10%, you get **102.2210, 41.7960, -12.4718**, and if you desaturate by 10%, it is **134.7150, 25.7765, -7.6431**.

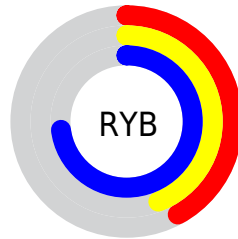
Distribution



Red (42%)

Green (44%)

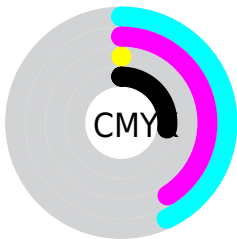
Blue (73%)



Red (42%)

Yellow (44%)

Blue (73%)

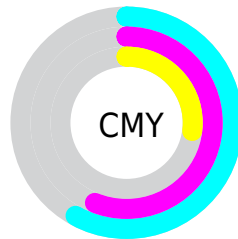


Cyan (43%)

Magenta (41%)

Yellow (0%)

Black (27%)



Cyan (58%)

Magenta (56%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the YUV color 118.4680, 33.7863, -10.0574 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 118.4680, 33.7863, -10.0574 by changing the saturation by 10% instead.

■ 118.4680, 33.7863,
-10.0574

■ 118.4680, 33.7863,
-10.0574

■ 255.0000, 0.0000,
0.0000

■ 93.2290, 32.9181,
-11.6018

■ 171.9350, 35.5280,
-8.7130

■ 68.5770, 31.7605,
-13.6610

■ 197.4100, 28.3919,
-6.4986

■ 43.5440, 31.7768,
-18.8941

■ 221.6310, 16.4509,
-3.1844

■ 22.3760, 29.8876,
-19.6238

■ 247.6240, 3.6364,
0.3298

■ 6.7260, 25.7711,
-5.8987

■ 5.3920, 15.5827,
-4.7288

■ 2.0690, 5.3890,

-1.8145

■ 0.0000, 0.0000,
0.0000

■ 118.4680, 33.7863,
-10.0574

■ 118.4680, 33.7863,
-10.0574

■ 102.2210, 41.7960,
-12.4718

■ 134.7150, 25.7765,
-7.6431

■ 86.2730, 49.6584,
-14.2714

■ 150.6630, 17.9141,
-5.8435

■ 70.6130, 57.3788,
-17.2006

■ 166.3230, 10.1938,
-2.9143

■ 54.3660, 65.3886,
-19.6150

■ 182.5700, 2.1840,
-0.4999

■ 38.1190, 73.3983,
-22.0294

■ 198.8170, -5.8258,
1.9145

■ 26.6010, 79.0767,
-23.3291

■ 214.7650,
-13.6881, 3.7141

■ 230.4250,
-21.4085, 6.6433

■ 246.0740,
-29.1235, 7.8281

■ 247.2480,
-29.7023, 6.7985

Harmonies

Analogous

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



94.7900, 48.4175, -83.1308



118.4680, 33.7863, -10.0574



121.8770, 20.2736, 30.8029

Triad

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



118.4680, 33.7863, -10.0574



116.3380, -29.2536, 49.6926



92.2580, 8.2538, -80.9103

Complementary

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



118.4680, 33.7863, -10.0574



175.5320, -33.7863, 10.0574

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.



103.9310, -15.7420, -37.6505



118.4680, 33.7863, -10.0574



114.1320, -37.0401, 27.0712

Square

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



118.4680, 33.7863, -10.0574



117.1280, -13.8671, 61.2777



111.0960, -32.5853, -1.8382



96.7040, 25.2889, -84.8094

Rectangle

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



118.4680, 33.7863, -10.0574



119.9520, 9.8837, 50.0311



111.0960, -32.5853, -1.8382



90.1890, 2.8648, -79.0958

Sweetspot

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



118.4680, 33.7863, -10.0574



215.1210, 13.2513, -3.6141



162.6240, 10.0454, -48.7822



105.7530, 8.0098, -2.4144



250.0000, 0.0000, 0.0000



122.0000, 0.0000, 0.0000

Same Dimension

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



118.4680, 33.7863, -10.0574



136.5440, 51.9898, -15.3861



126.8840, 29.6372, 14.1337



86.0260, 3.9312, -0.8998



22.7080, 66.6990, -19.9149



4.7080, 12.9620, -4.1289

Inverse Universe

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



131.3760, -10.0454, 48.7822



156.4610, -15.5103, 75.0177



167.1160, -29.6372, -14.1337



87.6910, -1.3267, 5.5330



48.1540, -19.7959, 96.3349



9.4970, -3.6960, 18.8581

Previews

White Background



This preview shows how the YUV color 118.4680, 33.7863, -10.0574 looks on a white background.

Color Contrast Check

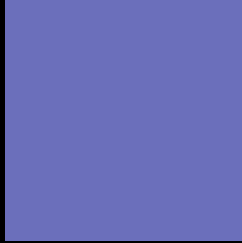
Large Text (above 18pt) WCAG AA ✓ Pass

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 118.4680, 33.7863, -10.0574 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

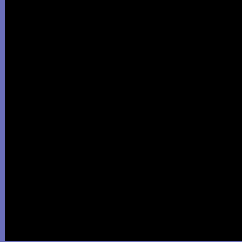
Any Text WCAG AA ✓ Pass

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 118.4680, 33.7863, -10.0574 Background



This preview shows how black text looks on a background with the YUV color 118.4680, 33.7863, -10.0574.



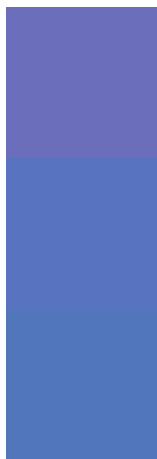
This preview shows how white text looks on a background with the YUV color 118.4680, 33.7863, -10.0574.

-10.0574.

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

118.4680, 33.7863, -10.0574

Protanopia

115.5910, 37.1766, -24.1973

Deuteranopia

114.5750, 34.7195, -29.4453



Tritanopia

115.1700, 8.7902, -19.4431

Trichromacy



Original Color

118.4680, 33.7863, -10.0574

Protanomaly

116.9830, 35.9974, -19.2791

Deuteranomaly

115.6190, 34.6978, -22.4679

Tritanomaly

116.5970, 17.9467, -16.3096

Monochromacy



Original Color

118.4680, 33.7863, -10.0574

Achromatopsia

118.0000, 0.0000, 0.0000

Achromatomaly

117.8930, 12.3778, -3.4142

CSS Examples

Text

The CSS property to change the color of the text to YUV 118.4680, 33.7863, -10.0574 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(107, 111, 187)` looks like.

```
.text, #text, p{  
    color:rgb(107, 111, 187)  
}
```

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(107, 111, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 111, 187) }
```

Border

The CSS property to change the border of an element to YUV 118.4680, 33.7863, -10.0574 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(107, 111, 187) }
```


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

```
.border{ border-color:rgb(107, 111, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(107, 111, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 111, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 111, 187);  
box-shadow:4px 4px 4px 4px rgb(107, 111,  
187) }
```

Background

The CSS property to change the background color of an element to YUV 118.4680, 33.7863, -10.0574 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 111, 187) }
```

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

```
.background{ background-color: rgb(107,  
111, 187) }
```

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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