

Converting Colors

YUV(120.6670, -1.3148,
48.5270)

Have a look what the booklet for
YUV(120.6670, -1.3148, 48.5270)
contains.

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Color

**YUV(120.6670, -1.3148,
48.5270)**

Conversions

Conversions Part 1

Format	Color
Hex	B05D76
RGB	176, 93, 118
RGB Percent	69%, 36%, 46%
CMY	0.3098, 0.6353, 0.5373
CMYK	0.00, 0.47, 0.33, 0.31
HSL	342°, 34%, 53%
HSV	342°, 47%, 69%
XYZ	25.0889, 18.3668, 19.3624
YIQ	120.6670, 41.4430, 25.3710

Conversions

Conversions Part 2

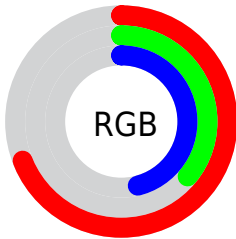
Format	Color
R_{YB}	176, 93, 118
Decimal	11558262
CIE _{Lab}	49.94, 36.52, 1.22
CIE _{LCh}	50, 36.543, 1.910
Yxy	18.3668, 0.3994, 0.2924
Android (android.graphics.Color)	4289748342 (0xFFB05D76)
YUV	120.6670, -1.3148, 48.5270
Hunter-Lab	42.8565, 29.4977, 3.2126

Details

The YUV color **120.6670, -1.3148, 48.5270** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **148.3330, 1.3148, -48.5270**, and the grayscale version is **121.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **174.4610, -2.1993, 52.2157**, and **69.4000, 0.2958, 45.2532** is the 20% darker color. If you saturate the color by 10%, you get **108.7330, -1.3474, 58.9932**, and if you desaturate by 10%, it is **132.6010, -1.2823, 38.0609**.

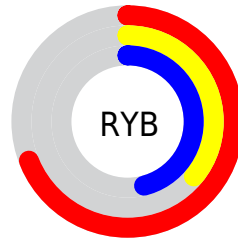
Distribution



Red (69%)

Green (36%)

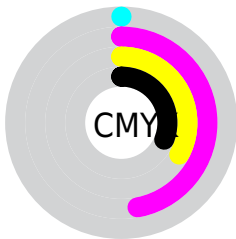
Blue (46%)



Red (69%)

Yellow (36%)

Blue (46%)

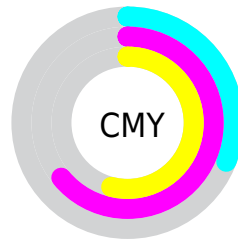


Cyan (0%)

Magenta (47%)

Yellow (33%)

Black (31%)



Cyan (31%)


Magenta (64%)

Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the YUV color 120.6670, -1.3148, 48.5270 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 120.6670, -1.3148, 48.5270 by changing the saturation by 10% instead.

 120.6670, -1.3148,
48.5270


 120.6670, -1.3148,
48.5270

255.0000, 0.0000,
0.0000

 94.7700, -0.8726,
46.6827


 174.4610, -2.1993,
52.2157

 69.4000, 0.2958,
45.2532


 199.6670, -1.3148,
48.5270

 42.9700, 2.4798,
44.7533

 219.2950, 2.8126,
31.3133

 23.4100, 1.7699,
39.1054

 239.6240, 7.0874,
13.4848

 14.2810, -6.0545,
28.6946

 0.0000, 0.0000,
0.0000

120.6670, -1.3148,
48.5270

120.6670, -1.3148,
48.5270

108.7330, -1.3474,
58.9932

132.6010, -1.2823,
38.0609

97.2720, -2.1061,
69.0445

144.0620, -0.5236,
28.0096

85.3380, -2.1386,
79.5106

155.9960, -0.4910,
17.5435

73.9910, -2.4606,
89.4619

167.3430, -0.1691,
7.5922

62.0570, -2.4931,
99.9280

179.2770, -0.1366,
-2.8739

58.6660, -2.7933,
102.9019

191.3250, 0.3328,
-13.4400

202.6720, 0.6547,
-23.3913

214.6060, 0.6872,

-33.8575

 226.0670, 1.4460,
-43.9088

Harmonies

Analogous

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



122.6400, 12.9955, 31.8877



120.6670, -1.3148, 48.5270



119.5950, -15.5763, 49.4672

Triad

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



120.6670, -1.3148, 48.5270



112.9410, -24.1279, -7.8413



96.0320, 37.9452, -84.2201

Complementary

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



120.6670, -1.3148, 48.5270



148.3330, 1.3148, -48.5270

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.



95.8720, 27.1781, -84.0797



120.6670, -1.3148, 48.5270



106.6520, -9.1954, -37.4058

Square

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



120.6670, -1.3148, 48.5270



116.2000, -30.1716, 17.3646



92.9250, 13.3480, -81.4952



112.5910, 33.7256, -37.3523

Rectangle

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



120.6670, -1.3148, 48.5270



118.4880, -23.4116, 42.5450



92.9250, 13.3480, -81.4952



96.5220, 34.7457, -84.6498

Sweetspot

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



120.6670, -1.3148, 48.5270



208.0070, -0.4965, 19.2879



119.5050, 27.8520, 26.7441



101.6640, -0.3274, 11.6957



242.0000, 0.0000, 0.0000



115.0000, 0.0000, 0.0000

Same Dimension

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



120.6670, -1.3148, 48.5270



142.6150, -2.2752, 76.6366



126.6220, -16.5756, 43.3045



83.0330, -0.0163, 5.2331



50.9910, -2.4606, 89.4619



8.6860, -0.3382, 15.1844

Inverse Universe

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



120.6670, -1.3148, 48.5270



142.6150, -2.2752, 76.6366



142.3780, 16.5756, -43.3045



83.0330, -0.0163, 5.2331



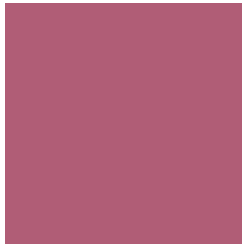
50.9910, -2.4606, 89.4619



8.6860, -0.3382, 15.1844

Previews

White Background



This preview shows how the YUV color 120.6670, -1.3148, 48.5270 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 120.6670, -1.3148, 48.5270 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

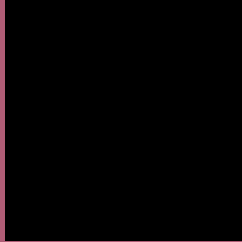
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 120.6670, -1.3148, 48.5270

Background



This preview shows how black text looks on a background with the YUV color 120.6670, -1.3148, 48.5270.



This preview shows how white text looks on a background with the YUV color 120.6670, -1.3148,

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

120.6670, -1.3148, 48.5270

Protanopia

119.4110, 6.6994, -2.1144

Deuteranopia

120.2680, -3.0901, 11.1660



Tritanopia

120.4190, -8.5876, 47.8675

Trichromacy



Original Color

120.6670, -1.3148, 48.5270

Protanomaly

119.8370, 4.0244, 15.9290

Deuteranomaly

120.4700, -2.6967, 25.0208

Tritanomaly

120.4020, -6.1142, 47.8824

Monochromacy



Original Color

120.6670, -1.3148, 48.5270

Achromatopsia

121.0000, 0.0000, 0.0000

Achromatomaly

120.9960, -0.4910, 17.5435

CSS Examples

Text

The CSS property to change the color of the text to YUV 120.6670, -1.3148, 48.5270 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(176, 93, 118)` looks like.

```
.text, #text, p{  
    color:rgb(176, 93, 118)  
}
```

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(176, 93, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 93, 118) }
```

Border

The CSS property to change the border of an element to YUV 120.6670, -1.3148, 48.5270 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(176, 93, 118) }
```


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

```
.border{ border-color:rgb(176, 93, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 93, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 93, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 93, 118);  
box-shadow:4px 4px 4px 4px rgb(176, 93,  
118) }
```

Background

The CSS property to change the background color of an element to YUV 120.6670, -1.3148, 48.5270 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 93, 118) }
```

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

```
.background{ background-color: rgb(176, 93,  
118) }
```

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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