

# Converting Colors

YUV(158.0910, -48.3589,  
17.4602)

Have a look what the booklet for  
YUV(158.0910, -48.3589, 17.4602)  
contains.

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# Color

**YUV(158.0910, -48.3589,  
17.4602)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B2A73C
RGB	178, 167, 60
RGB Percent	70%, 65%, 24%
CMY	0.3020, 0.3451, 0.7647
CMYK	0.00, 0.06, 0.66, 0.30
HSL	54°, 50%, 47%
HSV	54°, 66%, 70%
XYZ	32.9944, 37.4287, 9.7604
YIQ	158.0910, 40.9030, -30.9450

# Conversions

## Conversions Part 2

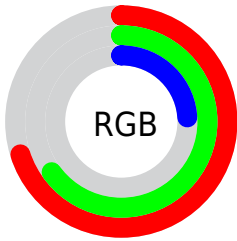
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">72, 178, 60</a>
Decimal	<a href="#">11708220</a>
CIELab	<a href="#">67.60, -8.93, 54.62</a>
CIELCh	<a href="#">68, 55.350, 99.286</a>
Yxy	<a href="#">37.4287, 0.4115, 0.4668</a>
Android (android.graphics.Color)	<a href="#">4289898300 (0xFFB2A73C)</a>
YUV	<a href="#">158.0910, -48.3589, 17.4602</a>
Hunter-Lab	<a href="#">61.1790, -10.7964, 33.3662</a>

# Details

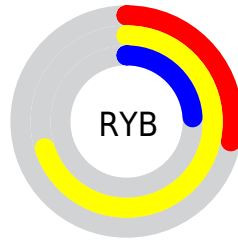
The YUV color **158.0910, -48.3589, 17.4602** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **79.9090, 48.3589, -17.4602**, and the grayscale version is **159.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **213.7600, -49.6747, 19.5045**, and **103.9830, -51.2636, 15.8009** is the 20% darker color. If you saturate the color by 10%, you get **154.8650, -55.6424, 20.2894**, and if you desaturate by 10%, it is **161.3170, -41.0753, 14.6310**.

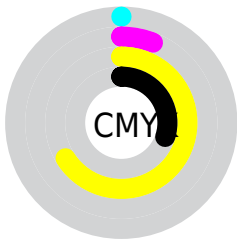
# Distribution



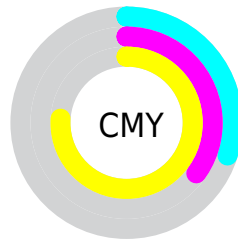
- Red (70%)
- Green (65%)
- Blue (24%)



- Red (28%)
- Yellow (70%)
- Blue (24%)



- Cyan (0%)
- Magenta (6%)
- Yellow (66%)
- Black (30%)



- Cyan (30%)
- Magenta (35%)
- Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 158.0910, -48.3589, 17.4602 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 158.0910, -48.3589, 17.4602 by changing the saturation by 10% instead.



■ 158.0910,  
-48.3589, 17.4602

■ 158.0910,  
-48.3589, 17.4602

255.0000, 0.0000,  
0.0000

■ 131.2650,  
-48.9376, 16.4306

■ 213.7600,  
-49.6747, 19.5045

■ 103.9830,  
-51.2636, 15.8009

■ 238.9550,  
-48.7848, 14.0715

■ 81.8220, -40.3382,  
11.5571

■ 244.9680,  
-38.4382, 8.7981

■ 60.5470, -29.8497,  
7.4133

■ 248.1600,  
-26.2079, 5.9987

■ 39.8590, -19.6505,  
2.7547

■ 251.4660,  
-13.5407, 3.0993

■ 20.6440, -10.1775,  
-2.3188

254.7720, -0.8736,

■ 0.0000, 0.0000,

0.2000

0.0000

■ 158.0910,  
-48.3589, 17.4602

■ 158.0910,  
-48.3589, 17.4602

■ 154.8650,  
-55.6424, 20.2894

■ 161.3170,  
-41.0753, 14.6310

■ 152.2260,  
-63.2154, 22.6038

■ 163.9560,  
-33.5023, 12.3166

■ 149.1140,  
-70.0622, 25.3330

■ 167.0680,  
-26.6555, 9.5874

■ 147.7290,  
-72.8304, 26.5477

■ 170.2940,  
-19.3719, 6.7582

■ 172.9330,  
-11.7990, 4.4438

■ 176.1590, -4.5154,  
1.6146

■ 179.3850, 2.7682,  
-1.2146

■ 181.9100, 9.9044,  
-3.4291

■ 185.1360, 17.1880,  
-6.2583

# Harmonies

## Analogous

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



161.4080, -45.5571, 52.2622



158.0910, -48.3589, 17.4602



152.3120, -33.6778, -24.8296

# Triad

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



158.0910, -48.3589, 17.4602



135.6470, 45.0370, -118.9624



168.6250, 15.9609, 60.8419

# Complementary

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



158.0910, -48.3589, 17.4602



79.9090, 48.3589, -17.4602

# 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.



168.9150, 36.0309, 16.7375



158.0910, -48.3589, 17.4602



134.1430, 59.5825, -117.6434

# Square

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



158.0910, -48.3589, 17.4602



131.3490, 23.4919, -115.1931



156.4230, 48.5985, -47.7290



164.4860, -6.6486, 79.3808



# Rectangle

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



158.0910, -48.3589, 17.4602



143.9730, -16.2557, -59.6123



156.4230, 48.5985, -47.7290



169.3830, 22.9822, 48.7761

# Sweetspot

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



158.0910, -48.3589, 17.4602



224.4080, -18.9351, 6.6582



96.6500, -12.1525, 71.3439



112.6340, -11.6516, 3.8290



245.0000, 0.0000, 0.0000



117.0000, 0.0000, 0.0000



# Same Dimension

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



158.0910, -48.3589, 17.4602



200.8170, -76.3248, 27.3475



150.4950, -44.6140, -17.0971



87.3870, -3.6418, 1.4146



127.3400, -62.7786, 22.5038



21.2750, -10.4886, 4.1438



# Inverse Universe

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



79.9090, 48.3589, -17.4602



77.7700, 76.0354, -27.8623



87.5050, 44.6140, 17.0971



81.6130, 3.6418, -1.4146



25.6600, 62.7786, -22.5038



4.1380, 10.7780, -3.6290



# Previews

## White Background



This preview shows how the YUV color 158.0910, -48.3589, 17.4602 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

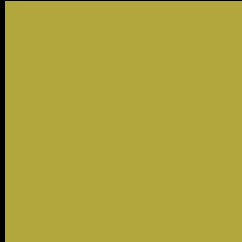
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 158.0910, -48.3589, 17.4602 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

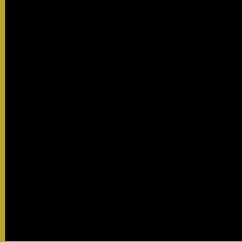
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YUV 158.0910, -48.3589, 17.4602

## Background



This preview shows how black text looks on a background with the YUV color 158.0910, -48.3589, 17.4602.



This preview shows how white text looks on a background with the YUV color 158.0910, -48.3589, 17.4602.



# 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

158.0910, -48.3589, 17.4602

### Protanopia

158.5970, -49.1013, 22.2784

### Deuteranopia

160.0490, -47.8452, 39.4220



## Tritanopia

166.6370, 0.6720, 17.8584

# Trichromacy



## Original Color

158.0910, -48.3589, 17.4602

## Protanomaly

158.5860, -49.0959, 20.5341

## Deuteranomaly

159.2930, -47.9654, 31.3150

## Tritanomaly

163.6420, -17.0785, 17.8540

# Monochromacy



## Original Color

158.0910, -48.3589, 17.4602

## Achromatopsia

158.0000, 0.0000, 0.0000

## Achromatomaly

157.7500, -17.6247, 6.3582

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 158.0910, -48.3589, 17.4602 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(178, 167, 60)` looks like.

```
.text, #text, p{  
    color:rgb(178, 167, 60)  
}
```

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(178, 167, 60) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 167, 60) }
```

## Border

The CSS property to change the border of an element to YUV 158.0910, -48.3589, 17.4602 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(178, 167, 60) }
```



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

```
.border{ border-color:rgb(178, 167, 60) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 167, 60)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 167, 60); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 167, 60);  
box-shadow:4px 4px 4px 4px rgb(178, 167,  
60) }
```

# Background

The CSS property to change the background color of an element to YUV 158.0910, -48.3589, 17.4602 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 167, 60) }
```

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

```
.background{ background-color: rgb(178,  
167, 60) }
```

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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