

Converting Colors

YUV(148.3500, -17.9205,
-38.8949)

Have a look what the booklet for
YUV(148.3500, -17.9205, -38.8949)
contains.

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Color

**YUV(148.3500, -17.9205,
-38.8949)**

Conversions

Conversions Part 1

Format	Color
Hex	68B270
RGB	104, 178, 112
RGB Percent	41%, 70%, 44%
CMY	0.5922, 0.3020, 0.5608
CMYK	0.42, 0.00, 0.37, 0.30
HSL	126°, 32%, 55%
HSV	126°, 42%, 70%
XYZ	24.5539, 35.9537, 20.9749
YIQ	148.3500, -22.9180, -36.2140

Conversions

Conversions Part 2

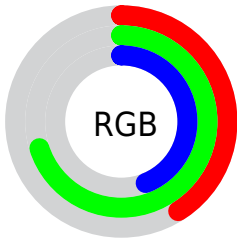
Format	Color
RYB	104, 171, 178
Decimal	6861424
CIELab	66.48, -37.09, 26.71
CIElCh	66, 45.709, 144.247
Yxy	35.9537, 0.3013, 0.4412
Android (android.graphics.Color)	4285051504 (0xFF68B270)
YUV	148.3500, -17.9205, -38.8949
Hunter-Lab	59.9614, -31.8374, 21.2330

Details

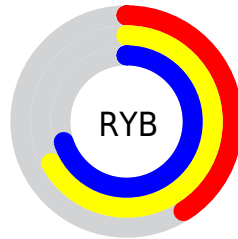
The YUV color **148.3500, -17.9205, -38.8949** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **133.6500, 17.9205, 38.8949**, and the grayscale version is **149.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **203.2960, -19.3729, -39.7246**, and **95.5070, -16.0260, -39.9096** is the 20% darker color. If you saturate the color by 10%, you get **141.1440, -22.2560, -48.3613**, and if you desaturate by 10%, it is **155.5560, -13.5851, -29.4286**.

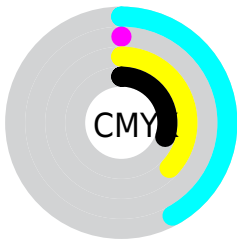
Distribution



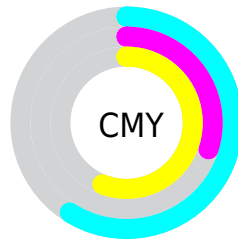
- Red (41%)
- Green (70%)
- Blue (44%)



- Red (41%)
- Yellow (67%)
- Blue (70%)



- Cyan (42%)
- Magenta (0%)
- Yellow (37%)
- Black (30%)



- Cyan (59%)
- Magenta (30%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the YUV color 148.3500, -17.9205, -38.8949 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 148.3500, -17.9205, -38.8949 by changing the saturation by 10% instead.

■ 148.3500,
-17.9205, -38.8949

■ 148.3500,
-17.9205, -38.8949

■ 255.0000, 0.0000,
0.0000

■ 121.5780,
-17.0470, -39.0949

■ 203.2960,
-19.3729, -39.7246

■ 95.5070, -16.0260,
-39.9096

■ 227.1870,
-17.3472, -36.1210

■ 68.3540, -13.9785,
-43.2835

■ 239.0500, -9.3917,
-21.0919

■ 45.9630, -14.2788,
-40.3096

■ 250.9130, -1.4361,
-6.0627

■ 29.9370, -14.7589,
-26.2547

■ 18.1970, -8.9711,
-15.9588

■ 0.0000, 0.0000,

0.0000

■ 148.3500,
-17.9205, -38.8949

■ 148.3500,
-17.9205, -38.8949

■ 141.1440,
-22.2560, -48.3613

■ 155.5560,
-13.5851, -29.4286

■ 133.9380,
-26.5914, -57.8276

■ 162.7620, -9.2497,
-19.9623

■ 127.0310,
-31.0743, -66.6792

■ 169.6690, -4.7668,
-11.1107

■ 119.8250,
-35.4097, -76.1455

■ 176.8750, -0.4314,
-1.6444

■ 112.7330,
-39.3084, -85.7118

■ 183.9670, 3.4673,
7.9219

■ 106.6520,
-43.2124, -93.5338

■ 191.1730, 7.8027,
17.3883

■ 198.3790, 12.1382,
26.8546

■ 205.2860, 16.6210,
35.7062

■ 209.8010, 22.2831,
39.6395

Harmonies

Analogous

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



154.5260, -34.7693, -1.3383



148.3500, -17.9205, -38.8949



128.6470, 11.5130, -99.6684

Triad

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



148.3500, -17.9205, -38.8949



147.5470, 47.0583, -67.1317



162.5910, -16.0674, 67.0107

Complementary

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



148.3500, -17.9205, -38.8949



133.6500, 17.9205, 38.8949

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.



164.5960, 3.1572, 60.8673



148.3500, -17.9205, -38.8949



163.1630, 36.4016, -8.9130

Square

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



148.3500, -17.9205, -38.8949



130.3640, 47.6415, -114.3292



166.2410, 21.5732, 33.9916



161.2740, -32.1801, 55.0107

Rectangle

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



148.3500, -17.9205, -38.8949



128.0550, 26.1019, -112.3042



166.2410, 21.5732, 33.9916



163.3120, -9.5208, 67.2554

Sweetspot

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



148.3500, -17.9205, -38.8949



220.7780, -6.7926, -14.7143



167.4710, -31.2912, 3.0949



110.6200, -3.7567, -8.4367



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.



148.3500, -17.9205, -38.8949



185.5740, -27.8910, -61.0164



152.4540, -2.1958, -42.4942



85.3970, -2.1677, -4.7332



91.7490, -36.8513, -80.4639



15.6040, -6.2138, -13.6847

Inverse Universe

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



133.6500, 17.9205, 38.8949



162.5400, 28.3278, 60.9164



129.5460, 2.1958, 42.4942



83.6030, 2.1677, 4.7332



61.2510, 36.8513, 80.4639



10.3960, 6.2138, 13.6847

Previews

White Background



This preview shows how the YUV color 148.3500, -17.9205, -38.8949 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 148.3500, -17.9205, -38.8949 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 148.3500, -17.9205, -38.8949 Background



This preview shows how black text looks on a background with the YUV color 148.3500, -17.9205, -38.8949.



This preview shows how white text looks on a background with the YUV color 148.3500, -17.9205, -38.8949.

-38.8949.

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

148.3500, -17.9205, -38.8949

Protanopia

158.8020, -26.5244, 14.2056

Deuteranopia

160.5460, -21.4682, 25.8312



Tritanopia

155.6460, 13.4855, -32.1385

Trichromacy



Original Color

148.3500, -17.9205, -38.8949

Protanomaly

154.8920, -23.1178, -5.1673

Deuteranomaly

156.3320, -20.3767, 2.3398

Tritanomaly

152.9480, 1.9976, -34.1574

Monochromacy



Original Color

148.3500, -17.9205, -38.8949

Achromatopsia

148.0000, 0.0000, 0.0000

Achromatomaly

148.1910, -6.5032, -14.1995

CSS Examples

Text

The CSS property to change the color of the text to YUV 148.3500, -17.9205, -38.8949 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(104, 178, 112)` looks like.

```
.text, #text, p{  
    color:rgb(104, 178, 112)  
}
```

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(104, 178, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 178, 112) }
```

Border

The CSS property to change the border of an element to YUV 148.3500, -17.9205, -38.8949 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(104, 178, 112) }
```


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

```
.border{ border-color:rgb(104, 178, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(104, 178, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(104, 178, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(104, 178, 112);  
box-shadow:4px 4px 4px 4px rgb(104, 178,  
112) }
```

Background

The CSS property to change the background color of an element to YUV 148.3500, -17.9205, -38.8949 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 178, 112) }
```

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

```
.background{ background-color: rgb(104,  
178, 112) }
```

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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