

Converting Colors

YUV(158.9050, 17.7948,
32.5323)

Have a look what the booklet for
YUV(158.9050, 17.7948, 32.5323)
contains.

YUV(158.9050, 17.7948, 32.5323)	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(158.9050, 17.7948,
32.5323)**

Conversions

Conversions Part 1

Format	Color
Hex	C485C3
RGB	196, 133, 195
RGB Percent	77%, 52%, 76%
CMY	0.2314, 0.4784, 0.2353
CMYK	0.00, 0.32, 0.01, 0.23
HSL	301°, 35%, 65%
HSV	301°, 32%, 77%
XYZ	41.0028, 32.4510, 55.7323
YIQ	158.9050, 17.6460, 32.6380

Conversions

Conversions Part 2

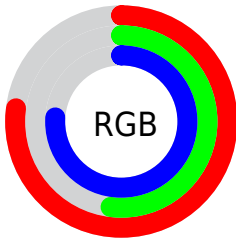
Format	Color
R _{YB}	196, 133, 195
Decimal	12879299
CIE _{Lab}	63.71, 34.21, -22.55
CIE _{LCh}	64, 40.968, 326.608
Y _{xy}	32.4510, 0.3174, 0.2512
Android (android.graphics.Color)	4291069379 (0xFFC485C3)
YUV	158.9050, 17.7948, 32.5323
Hunter-Lab	56.9657, 28.7907, -18.1303

Details

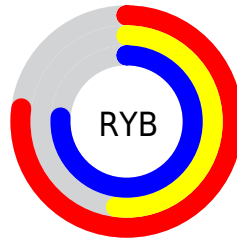
The YUV color **158.9050, 17.7948, 32.5323** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **170.0950, -17.7948, -32.5323**, and the grayscale version is **159.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **214.1440, 18.6630, 34.0767**, and **106.3670, 17.0741, 30.3731** is the 20% darker color. If you saturate the color by 10%, you get **147.1650, 23.5827, 42.8283**, and if you desaturate by 10%, it is **170.6450, 12.0070, 22.2363**.

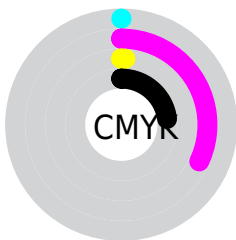
Distribution



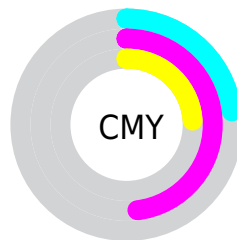
- Red (77%)
- Green (52%)
- Blue (76%)



- Red (77%)
- Yellow (52%)
- Blue (76%)



- Cyan (0%)
- Magenta (32%)
- Yellow (1%)
- Black (23%)




- Cyan (23%)
- Magenta (48%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the YUV color 158.9050, 17.7948, 32.5323 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 158.9050, 17.7948, 32.5323 by changing the saturation by 10% instead.

 158.9050, 17.7948,
32.5323


 158.9050, 17.7948,
32.5323

255.0000, 0.0000,
0.0000

 132.1930, 17.6529,
31.4027


 214.1440, 18.6630,
34.0767


 106.3670, 17.0741,
30.3731


 231.5200, 11.5756,
20.5920

 81.5410, 16.4953,
29.3435

 248.5430, 3.1833,
5.6628

 56.9430, 16.7901,
28.1140

 31.7690, 17.3689,
29.1436

 17.6880, 13.4648,
21.3216

 4.1170, 9.3093,

0.7744

0.0000, 0.0000,
0.0000

158.9050, 17.7948,
32.5323

158.9050, 17.7948,
32.5323

147.1650, 23.5827,
42.8283

170.6450, 12.0070,
22.2363

135.8980, 28.6443,
52.7095

181.9120, 6.9454,
12.3552

124.1580, 34.4321,
63.0054

193.6520, 1.1576,
2.0592

113.0050, 39.9305,
72.7866

204.8050, -4.3409,
-7.7220

101.1510, 45.2816,
83.1826

216.6590, -9.6919,
-18.1179

■ 89.4110, 51.0694,
93.4786

■ 228.3990,
-15.4797, -28.4139

■ 80.6060, 55.4102,
101.2005

■ 230.7470,
-16.6373, -30.4731

■ 230.8610,
-16.2005, -30.5731

Harmonies

Analogous

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



155.9310, 31.5860, -4.3245



158.9050, 17.7948, 32.5323



157.3950, 1.2843, 54.9046

Triad

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



158.9050, 17.7948, 32.5323



151.8760, -35.4349, 25.5417



122.7550, 31.1798, -107.6561

Complementary

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



158.9050, 17.7948, 32.5323



170.0950, -17.7948, -32.5323

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.



129.3010, 9.7116, -81.8250



158.9050, 17.7948, 32.5323



148.0680, -30.1065, -3.5676

Square

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



158.9050, 17.7948, 32.5323



154.2130, -29.6850, 48.0482



141.9850, -14.2896, -36.8208



123.0120, 44.8571, -107.8815

Rectangle

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



158.9050, 17.7948, 32.5323



155.7410, -10.2253, 59.8631



141.9850, -14.2896, -36.8208



121.3870, 25.9382, -106.4564

Sweetspot

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



158.9050, 17.7948, 32.5323



240.3250, 7.2348, 12.8700



140.1820, 27.5183, -6.2986



118.4940, 4.1935, 8.3368



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



158.9050, 17.7948, 32.5323



196.6590, 27.7761, 51.1651



155.4850, 4.6909, 35.5317



91.1300, 2.8939, 5.1480



66.1510, 45.2816, 83.1826



13.6290, 9.5499, 16.9884

Inverse Universe

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



158.9050, 17.7948, 32.5323



196.6590, 27.7761, 51.1651



173.6290, -4.2541, -35.6316



91.1300, 2.8939, 5.1480



66.1510, 45.2816, 83.1826



13.6290, 9.5499, 16.9884

Previews

White Background



This preview shows how the YUV color 158.9050, 17.7948, 32.5323 looks on a white background.

Color Contrast Check

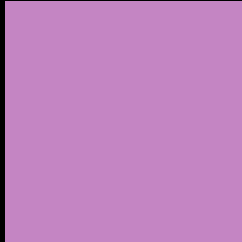
Large Text (above 18pt) WCAG AA × Fail

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 158.9050, 17.7948, 32.5323 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

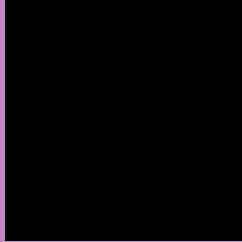
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 158.9050, 17.7948, 32.5323

Background



This preview shows how black text looks on a background with the YUV color 158.9050, 17.7948, 32.5323.



This preview shows how white text looks on a background with the YUV color 158.9050, 17.7948,

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

158.9050, 17.7948, 32.5323

Protanopia

154.8990, 26.6718, -14.8204

Deuteranopia

155.6740, 17.9087, -4.0991



Tritanopia

156.9050, -2.4182, 29.0243

Trichromacy



Original Color

158.9050, 17.7948, 32.5323

Protanomaly

156.4990, 23.4180, 2.1934

Deuteranomaly

156.4630, 18.0127, 9.2409

Tritanomaly

157.5660, 5.1440, 30.1986

Monochromacy



Original Color

158.9050, 17.7948, 32.5323

Achromatopsia

159.0000, 0.0000, 0.0000

Achromatomaly

159.0860, 6.3666, 11.3256

CSS Examples

Text

The CSS property to change the color of the text to YUV 158.9050, 17.7948, 32.5323 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(196, 133, 195)` looks like.

```
.text, #text, p{  
    color:rgb(196, 133, 195)  
}
```

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(196, 133, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 133, 195) }
```

Border

The CSS property to change the border of an element to YUV 158.9050, 17.7948, 32.5323 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(196, 133, 195) }
```


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

```
.border{ border-color:rgb(196, 133, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 133, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 133, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 133, 195);  
box-shadow:4px 4px 4px 4px rgb(196, 133,  
195) }
```

Background

The CSS property to change the background color of an element to YUV 158.9050, 17.7948, 32.5323 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 133, 195) }
```

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

```
.background{ background-color: rgb(196,  
133, 195) }
```

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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