

Converting Colors

YUV(158.5780, 16.9700,
17.0331)

Have a look what the booklet for
YUV(158.5780, 16.9700, 17.0331)
contains.

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Color

**YUV(158.5780, 16.9700,
17.0331)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | B28EC1 |
| RGB | 178, 142, 193 |
| RGB Percent | 70%, 56%, 76% |
| CMY | 0.3020, 0.4431, 0.2431 |
| CMYK | 0.08, 0.26, 0.00, 0.24 |
| HSL | 282°, 29%, 66% |
| HSV | 282°, 26%, 76% |
| XYZ | 37.6587, 32.6612, 54.7715 |
| YIQ | 158.5780, 5.0850, 23.4930 |

Conversions

Conversions Part 2

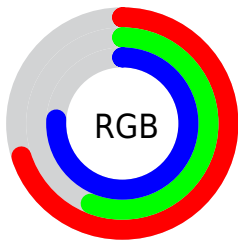
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 178, 142, 193 |
| Decimal | 11701953 |
| CIE _{Lab} | 63.89, 22.90, -21.33 |
| CIE _{LCh} | 64, 31.294, 317.040 |
| Yxy | 32.6612, 0.3010, 0.2611 |
| Android (android.graphics.Color) | 4289892033 (0xFFB28EC1) |
| YUV | 158.5780, 16.9700, 17.0331 |
| Hunter-Lab | 57.1500, 17.6092, -16.8174 |

Details

The YUV color **158.5780, 16.9700, 17.0331** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **176.4220, -16.9700, -17.0331**, and the grayscale version is **158.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **213.5180, 17.9856, 17.9627**, and **106.6380, 15.9545, 16.1035** is the 20% darker color. If you saturate the color by 10%, you get **145.6310, 23.3529, 23.1256**, and if you desaturate by 10%, it is **171.5250, 10.5872, 10.9406**.

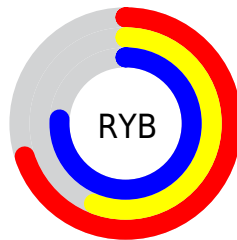
Distribution



Red (70%)

Green (56%)

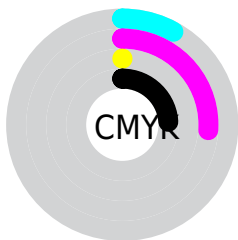
Blue (76%)



Red (70%)

Yellow (56%)

Blue (76%)

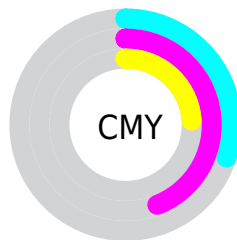


Cyan (8%)

Magenta (26%)

Yellow (0%)

Black (24%)



Cyan (30%)


Magenta (44%)


Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the YUV color 158.5780, 16.9700, 17.0331 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 158.5780, 16.9700, 17.0331 by changing the saturation by 10% instead.


 158.5780, 16.9700,
17.0331

 158.5780, 16.9700,
17.0331


255.0000, 0.0000,
0.0000


 132.1650, 16.6807,
16.5183


 213.5180, 17.9856,
17.9627


 106.6380, 15.9545,
16.1035


 236.8030, 8.9711,
15.9588

 81.9260, 15.8125,
14.9739

 253.8260, 0.5788,
1.0296

 58.9860, 14.7969,
14.0443

 36.1600, 14.2181,
13.0147

 13.8720, 14.3601,
14.1443

 3.0950, 9.3202,

-2.7143

0.0000, 0.0000,
0.0000

158.5780, 16.9700,
17.0331

158.5780, 16.9700,
17.0331

145.6310, 23.3529,
23.1256

171.5250, 10.5872,
10.9406

132.3960, 29.8778,
30.3477

184.7600, 4.0623,
3.7185

119.4490, 36.2606,
36.4402

197.7070, -2.3206,
-2.3740

106.5020, 42.6435,
42.5327

210.6540, -8.7034,
-8.4666

93.8540, 48.8790,
49.2400

223.3020,
-14.9389, -15.1739

80.3200, 55.5512,
55.8474

235.0750,
-20.7430, -20.2368

67.3730, 61.9341,
61.9399

236.8690,
-21.6274, -16.5481

62.6660, 64.2547,
64.3139

238.3640,
-22.3645, -13.4742

240.1580,
-23.2489, -9.7856

Harmonies

Analogous

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



155.0950, 26.0822, -12.3613



158.5780, 16.9700, 17.0331



158.7950, 4.5381, 37.8908

Triad

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



158.5780, 16.9700, 17.0331



154.2920, -26.2730, 26.9309



137.7080, 15.9200, -66.3959

Complementary

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



158.5780, 16.9700, 17.0331



176.4220, -16.9700, -17.0331

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.



142.7850, -0.8800, -44.5384



158.5780, 16.9700, 17.0331



151.5020, -24.8975, 5.6987

Square

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



158.5780, 16.9700, 17.0331



155.9870, -20.2066, 41.2304



147.7530, -15.6542, -19.0774



138.4980, 27.8555, -67.9657

Rectangle

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



158.5780, 16.9700, 17.0331



158.1350, -4.5036, 44.6086



147.7530, -15.6542, -19.0774



139.3730, 10.6621, -59.9631

Sweetspot

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



158.5780, 16.9700, 17.0331



236.4660, 6.6723, 6.6073



156.6190, 17.9358, -12.8209



116.1730, 4.3517, 4.2333



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

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



158.5780, 16.9700, 17.0331



195.8640, 26.6890, 26.4293



161.9230, 10.3910, 27.2545



90.2330, 3.3361, 3.3037



52.1410, 53.6675, 53.3733



10.6390, 11.0240, 10.8406

Inverse Universe

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



158.9590, -0.9658, 29.8540



196.5420, -1.7462, 46.8827



173.0770, -10.3910, -27.2545



90.3320, -0.1637, 5.8478



53.4970, -3.2030, 94.2801



11.0070, -0.4965, 19.2879

Previews

White Background



This preview shows how the YUV color 158.5780, 16.9700, 17.0331 looks on a white background.

Color Contrast Check

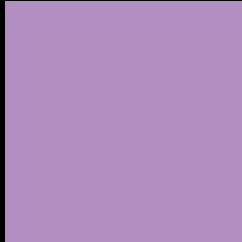
Large Text (above 18pt) WCAG AA × Fail

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 158.5780, 16.9700, 17.0331 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

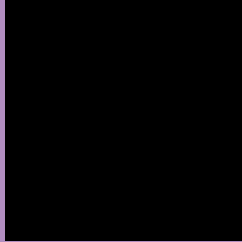
Any Text WCAG AA ✓ Pass

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 158.5780, 16.9700, 17.0331 Background



This preview shows how black text looks on a background with the YUV color 158.5780, 16.9700, 17.0331.



This preview shows how white text looks on a background with the YUV color 158.5780, 16.9700,

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

158.5780, 16.9700, 17.0331

Protanopia

155.1830, 22.5878, -11.5615

Deuteranopia

156.4460, 17.0351, -3.8991



Tritanopia

156.8430, 1.5564, 14.1697

Trichromacy



Original Color

158.5780, 16.9700, 17.0331

Protanomaly

156.3800, 20.5187, -1.2103

Deuteranomaly

156.9030, 17.3028, 3.5931

Tritanomaly

157.6350, 7.0819, 15.2291

Monochromacy



Original Color

158.5780, 16.9700, 17.0331

Achromatopsia

159.0000, 0.0000, 0.0000

Achromatomaly

158.9390, 5.9461, 6.1925

CSS Examples

Text

The CSS property to change the color of the text to YUV 158.5780, 16.9700, 17.0331 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, 142, 193)` looks like.

```
.text, #text, p{  
    color:rgb(178, 142, 193)  
}
```

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, 142, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 142, 193) }
```

Border

The CSS property to change the border of an element to YUV 158.5780, 16.9700, 17.0331 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, 142, 193) }
```


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

```
.border{ border-color:rgb(178, 142, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 142, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 142, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 142, 193);  
box-shadow:4px 4px 4px 4px rgb(178, 142,  
193) }
```

Background

The CSS property to change the background color of an element to YUV 158.5780, 16.9700, 17.0331 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 142, 193) }
```

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

```
.background{ background-color: rgb(178,  
142, 193) }
```

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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