

Converting Colors

YUV(109.9800, 17.2649,
15.8035)

Have a look what the booklet for
YUV(109.9800, 17.2649, 15.8035)
contains.

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Color

**YUV(109.9800, 17.2649,
15.8035)**

Conversions

Conversions Part 1

Format	Color
Hex	805E91
RGB	128, 94, 145
RGB Percent	50%, 37%, 57%
CMY	0.4980, 0.6314, 0.4314
CMYK	0.12, 0.35, 0.00, 0.43
HSL	280°, 21%, 47%
HSV	280°, 35%, 57%
XYZ	18.0156, 14.6389, 28.6641
YIQ	109.9800, 3.8930, 23.0690

Conversions

Conversions Part 2

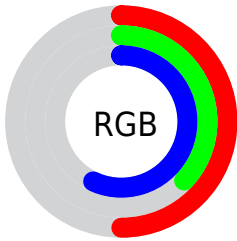
Format	Color
R _Y B	128, 94, 145
Decimal	8412817
CIE Lab	45.14, 23.70, -22.77
CIE LCh	45, 32.868, 316.140
Yxy	14.6389, 0.2938, 0.2387
Android (android.graphics.Color)	4286602897 (0xFF805E91)
YUV	109.9800, 17.2649, 15.8035
Hunter-Lab	38.2609, 17.0925, -17.6361

Details

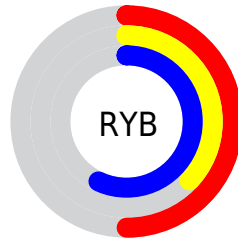
The YUV color **109.9800, 17.2649, 15.8035** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **129.0200, -17.2649, -15.8035**, and the grayscale version is **110.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **162.2190, 18.1330, 17.3479**, and **61.6270, 15.9599, 14.3591** is the 20% darker color. If you saturate the color by 10%, you get **100.2670, 22.0534, 19.9368**, and if you desaturate by 10%, it is **120.2800, 12.1870, 11.1554**.

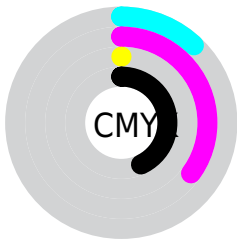
Distribution



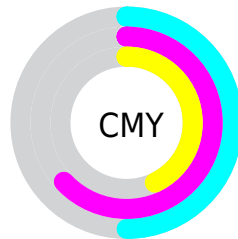
- Red (50%)
- Green (37%)
- Blue (57%)



- Red (50%)
- Yellow (37%)
- Blue (57%)



- Cyan (12%)
- Magenta (35%)
- Yellow (0%)
- Black (43%)



- Cyan (50%)
- Magenta (63%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the YUV color 109.9800, 17.2649, 15.8035 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 109.9800, 17.2649, 15.8035 by changing the saturation by 10% instead.

■ 109.9800, 17.2649,
15.8035

■ 109.9800, 17.2649,
15.8035

■ 255.0000, 0.0000,
0.0000

■ 85.1540, 16.6861,
14.7739

■ 162.2190, 18.1330,
17.3479

■ 61.6270, 15.9599,
14.3591

■ 189.3330, 18.5698,
17.2480

■ 38.8010, 15.3811,
13.3295

■ 217.0450, 18.7118,
18.3775

■ 16.2140, 15.6705,
13.8443

■ 238.5640, 8.1029,
14.4144

■ 3.0780, 11.7935,
-2.6994

■ 0.0000, 0.0000,
0.0000

109.9800, 17.2649,
15.8035

109.9800, 17.2649,
15.8035

100.2670, 22.0534,
19.9368

120.2800, 12.1870,
11.1554

89.9670, 27.1313,
24.5849

129.9930, 7.3985,
7.0221

80.5530, 31.7724,
29.3330

140.2930, 2.3206,
2.3740

70.2530, 36.8503,
33.9811

149.7070, -2.3206,
-2.3740

60.5400, 41.6388,
38.1144

160.0070, -7.3985,
-7.0221

50.2400, 46.7167,
42.7625


169.7200,
-12.1870, -11.1554

45.5330, 49.0372,
45.1366

180.0200,
-17.2649, -15.8035

189.7330,

-22.0534, -19.9368

 199.7340,
-26.9839, -25.1997

Harmonies

Analogous

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



105.7850, 26.2350, -14.7204



109.9800, 17.2649, 15.8035



109.4250, 5.7065, 36.4613

Triad

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



109.9800, 17.2649, 15.8035



105.6940, -25.9781, 25.7014



84.8210, 17.8362, -74.3880

Complementary

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



109.9800, 17.2649, 15.8035



129.0200, -17.2649, -15.8035

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.



92.1050, 0.4412, -48.3271



109.9800, 17.2649, 15.8035



103.2030, -24.7501, 5.0840

Square

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



109.9800, 17.2649, 15.8035



106.6170, -19.0382, 39.8009



99.1660, -15.3648, -18.5626



86.4970, 29.3350, -75.8579

Rectangle

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



109.9800, 17.2649, 15.8035



108.1780, -3.0458, 43.6939



99.1660, -15.3648, -18.5626



83.7950, 13.9051, -73.4882

Sweetspot

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



109.9800, 17.2649, 15.8035



174.5800, 7.1091, 6.5073



109.7930, 17.3571, -13.8505



85.7600, 4.0623, 3.7185



222.0000, 0.0000, 0.0000



94.0000, 0.0000, 0.0000

Same Dimension

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



109.9800, 17.2649, 15.8035



133.9670, 27.1313, 24.5849



114.0370, 10.8278, 27.1546



66.2930, 2.3206, 2.3740



42.3000, 45.7011, 41.8329



2.4070, 2.7573, 2.2741

Inverse Universe

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



111.1870, -0.0922, 29.6540



135.9980, 0.0010, 46.4828



124.9630, -10.8278, -27.1546



66.4350, 0.2785, 4.0035



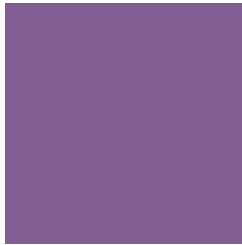
45.4950, -0.2440, 78.4959



2.7340, 0.1311, 4.6183

Previews

White Background



This preview shows how the YUV color 109.9800, 17.2649, 15.8035 looks on a white 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

Black Background



This preview shows how the YUV color 109.9800, 17.2649, 15.8035 looks on a black 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

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

YUV 109.9800, 17.2649, 15.8035

Background



This preview shows how black text looks on a background with the YUV color 109.9800, 17.2649, 15.8035.



This preview shows how white text looks on a background with the YUV color 109.9800, 17.2649, 15.8035.

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

109.9800, 17.2649, 15.8035

Protanopia

106.4000, 23.4668, -13.5058

Deuteranopia

107.2390, 17.6302, -8.1026



Tritanopia

108.4900, 0.2514, 12.7253

Trichromacy



Original Color

109.9800, 17.2649, 15.8035

Protanomaly

107.5970, 21.3977, -3.1546

Deuteranomaly

108.2940, 17.6031, 0.6192

Tritanomaly

108.8090, 6.5032, 14.1995

Monochromacy



Original Color

109.9800, 17.2649, 15.8035

Achromatopsia

110.0000, 0.0000, 0.0000

Achromatomaly

110.0530, 6.3829, 6.0925

CSS Examples

Text

The CSS property to change the color of the text to YUV 109.9800, 17.2649, 15.8035 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(128, 94, 145)` looks like.

```
.text, #text, p{  
    color:rgb(128, 94, 145)  
}
```

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(128, 94, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 94, 145) }
```

Border

The CSS property to change the border of an element to YUV 109.9800, 17.2649, 15.8035 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(128, 94, 145) }
```


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

```
.border{ border-color:rgb(128, 94, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 94, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 94, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 94, 145);  
box-shadow:4px 4px 4px 4px rgb(128, 94,  
145) }
```

Background

The CSS property to change the background color of an element to YUV 109.9800, 17.2649, 15.8035 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 94, 145) }
```

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

```
.background{ background-color: rgb(128, 94,  
145) }
```

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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