

Converting Colors

YUV(117.9710, 10.8603,
16.6884)

Have a look what the booklet for
YUV(117.9710, 10.8603, 16.6884)
contains.

YUV(117.9710, 10.8603, 16.6884)	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(117.9710, 10.8603,
16.6884)**

Conversions

Conversions Part 1

Format	Color
Hex	89688C
RGB	137, 104, 140
RGB Percent	54%, 41%, 55%
CMY	0.4627, 0.5922, 0.4510
CMYK	0.02, 0.26, 0.00, 0.45
HSL	295°, 15%, 48%
HSV	295°, 26%, 55%
XYZ	20.0005, 17.1124, 27.0598
YIQ	117.9710, 8.1120, 18.1920

Conversions

Conversions Part 2

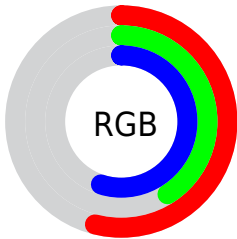
Format	Color
R_{YB}	137, 104, 140
Decimal	9005196
CIE _{Lab}	48.40, 19.81, -14.71
CIE _{LCh}	48, 24.668, 323.404
Yxy	17.1124, 0.3117, 0.2667
Android (android.graphics.Color)	4287195276 (0xFF89688C)
YUV	117.9710, 10.8603, 16.6884
Hunter-Lab	41.3672, 13.9097, -9.8268

Details

The YUV color **117.9710, 10.8603, 16.6884** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **126.0290, -10.8603, -16.6884**, and the grayscale version is **118.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **170.2100, 11.7285, 18.2328**, and **69.1450, 10.2815, 15.6588** is the 20% darker color. If you saturate the color by 10%, you get **109.4540, 15.0592, 23.2808**, and if you desaturate by 10%, it is **126.4880, 6.6614, 10.0960**.

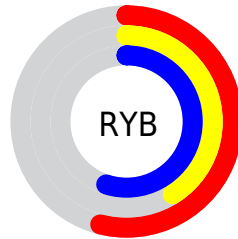
Distribution



Red (54%)

Green (41%)

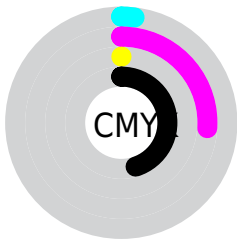
Blue (55%)



Red (54%)

Yellow (41%)

Blue (55%)

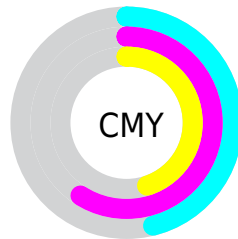


Cyan (2%)

Magenta (26%)

Yellow (0%)

Black (45%)



Cyan (46%)

Magenta (59%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the YUV color 117.9710, 10.8603, 16.6884 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 117.9710, 10.8603, 16.6884 by changing the saturation by 10% instead.

■ 117.9710, 10.8603,
16.6884

■ 117.9710, 10.8603,
16.6884

■ 255.0000, 0.0000,
0.0000

■ 93.1450, 10.2815,
15.6588

■ 170.2100, 11.7285,
18.2328

■ 69.1450, 10.2815,
15.6588

■ 197.6230, 12.0179,
18.7476

■ 46.3190, 9.7027,
14.6292

■ 225.6230, 12.0179,
18.7476

■ 24.6070, 9.5607,
13.4997

■ 245.0210, 4.9196,
8.7516

■ 8.1180, 7.8298,
8.6665

■ 0.0000, 0.0000,
0.0000

■ 117.9710, 10.8603,
16.6884

■ 117.9710, 10.8603,
16.6884

■ 109.4540, 15.0592,
23.2808

■ 126.4880, 6.6614,
10.0960

■ 100.9370, 19.2581,
29.8733

■ 135.0050, 2.4625,
3.5036

■ 92.1210, 23.6043,
35.8509

■ 143.8210, -1.8838,
-2.4740

■ 83.6040, 27.8032,
42.4433

■ 152.3380, -6.0826,
-9.0664

■ 75.0870, 32.0021,
49.0357

■ 160.8550,
-10.2815, -15.6588

■ 66.5700, 36.2010,
55.6281

■ 169.3720,
-14.4804, -22.2512

■ 58.0530, 40.3999,
62.2205


■ 177.8890,
-18.6793, -28.8437

■ 54.2320, 42.2836,

■ 186.4060,

64.6945

-22.8782, -35.4361

 195.2220,
-27.2244, -41.4137

Harmonies

Analogous

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



115.7880, 18.3455, -4.1991



117.9710, 10.8603, 16.6884



117.8280, 1.0708, 29.9688

Triad

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



117.9710, 10.8603, 16.6884



113.9470, -19.6939, 16.7095



102.0520, 14.2714, -50.9116

Complementary

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



117.9710, 10.8603, 16.6884



126.0290, -10.8603, -16.6884

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.



105.2250, 1.8611, -37.0313



117.9710, 10.8603, 16.6884



112.0050, -17.7505, -0.0044

Square

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



117.9710, 10.8603, 16.6884



115.5340, -16.5323, 29.3497



109.2460, -9.9813, -18.6327



104.3220, 21.5333, -46.7634

Rectangle

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



117.9710, 10.8603, 16.6884



116.8410, -5.3446, 34.3424



109.2460, -9.9813, -18.6327



102.7490, 10.4767, -47.1379

Sweetspot

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



117.9710, 10.8603, 16.6884



172.4830, 4.1989, 6.5924



109.8650, 14.8566, -5.1436



86.4180, 2.7519, 4.0184



219.0000, 0.0000, 0.0000



92.0000, 0.0000, 0.0000

Same Dimension

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



117.9710, 10.8603, 16.6884



146.6330, 16.9429, 25.7549



117.2720, 4.3029, 19.9325



64.5920, 2.1731, 2.9888



51.6400, 40.1105, 61.7057



2.0650, 1.4470, 2.5740

Inverse Universe

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



115.1060, -3.9963, 21.8320



142.3140, -6.0708, 33.9276



126.7280, -4.3029, -19.9325



64.2070, -0.5951, 4.2035



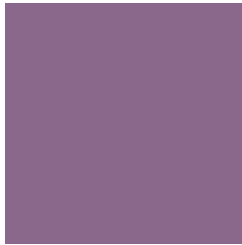
41.0210, -14.8004, 80.6656



1.4950, -0.7370, 3.0739

Previews

White Background



This preview shows how the YUV color 117.9710, 10.8603, 16.6884 looks on a white background.

Color Contrast Check

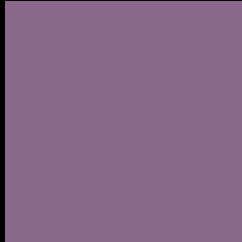
Large Text (above 18pt) WCAG AA ✓ Pass

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 117.9710, 10.8603, 16.6884 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

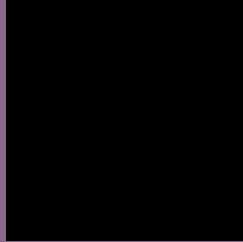
Any Text WCAG AA × Fail

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 117.9710, 10.8603, 16.6884 Background



This preview shows how black text looks on a background with the YUV color 117.9710, 10.8603, 16.6884.



This preview shows how white text looks on a background with the YUV color 117.9710, 10.8603,

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

117.9710, 10.8603, 16.6884

Protanopia

115.6690, 15.4462, -7.6027

Deuteranopia

116.4480, 10.6251, -1.2699



Tritanopia

116.8000, 0.0986, 15.0844

Trichromacy



Original Color

117.9710, 10.8603, 16.6884

Protanomaly

116.2680, 13.6719, 1.5190

Deuteranomaly

117.1930, 10.7509, 5.0927

Tritanomaly

117.4240, 3.7350, 15.4142

Monochromacy



Original Color

117.9710, 10.8603, 16.6884

Achromatopsia

118.0000, 0.0000, 0.0000

Achromatomaly

118.0700, 3.9095, 6.0776

CSS Examples

Text

The CSS property to change the color of the text to YUV 117.9710, 10.8603, 16.6884 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(137, 104, 140)` looks like.

```
.text, #text, p{  
    color:rgb(137, 104, 140)  
}
```

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(137, 104, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 104, 140) }
```

Border

The CSS property to change the border of an element to YUV 117.9710, 10.8603, 16.6884 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(137, 104, 140) }
```


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

```
.border{ border-color:rgb(137, 104, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 104, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 104, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 104, 140);  
box-shadow:4px 4px 4px 4px rgb(137, 104,  
140) }
```

Background

The CSS property to change the background color of an element to YUV 117.9710, 10.8603, 16.6884 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 104, 140) }
```

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

```
.background{ background-color: rgb(137,  
104, 140) }
```

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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