

Converting Colors

YUV(108.8400, 12.8969,
16.8033)

Have a look what the booklet for
YUV(108.8400, 12.8969, 16.8033)
contains.

YUV(108.8400, 12.8969, 16.8033)	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(108.8400, 12.8969,
16.8033)**

Conversions

Conversions Part 1

Format	Color
Hex	805E87
RGB	128, 94, 135
RGB Percent	50%, 37%, 53%
CMY	0.4980, 0.6314, 0.4706
CMYK	0.05, 0.30, 0.00, 0.47
HSL	290°, 18%, 45%
HSV	290°, 30%, 53%
XYZ	17.2780, 14.3439, 24.7797
YIQ	108.8400, 7.1030, 19.9590

Conversions

Conversions Part 2

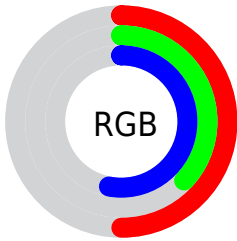
Format	Color
R_{YB}	128, 94, 135
Decimal	8412807
CIE _{Lab}	44.72, 21.51, -17.41
CIE _{LCh}	45, 27.673, 321.003
Yxy	14.3439, 0.3063, 0.2543
Android (android.graphics.Color)	4286602887 (0xFF805E87)
YUV	108.8400, 12.8969, 16.8033
Hunter-Lab	37.8733, 15.1542, -12.2808

Details

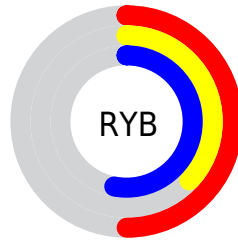
The YUV color **108.8400, 12.8969, 16.8033** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **120.1600, -12.8969, -16.8033**, and the grayscale version is **109.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **160.6660, 13.4757, 17.8329**, and **60.6010, 12.0287, 15.2589** is the 20% darker color. If you saturate the color by 10%, you get **100.6110, 16.9538, 22.2662**, and if you desaturate by 10%, it is **117.6560, 8.5506, 10.8257**.

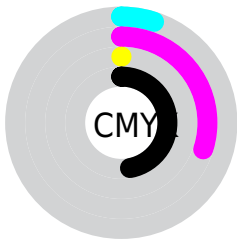
Distribution



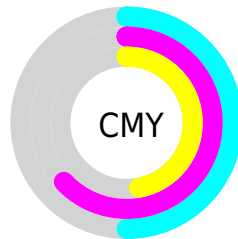
- Red (50%)
- Green (37%)
- Blue (53%)



- Red (50%)
- Yellow (37%)
- Blue (53%)



- Cyan (5%)
- Magenta (30%)
- Yellow (0%)
- Black (47%)



- Cyan (50%)
- Magenta (63%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the YUV color 108.8400, 12.8969, 16.8033 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 108.8400, 12.8969, 16.8033 by changing the saturation by 10% instead.

■ 108.8400, 12.8969,
16.8033

■ 108.8400, 12.8969,
16.8033

■ 255.0000, 0.0000,
0.0000

■ 84.4270, 12.6075,
16.2885

■ 160.6660, 13.4757,
17.8329

■ 60.6010, 12.0287,
15.2589

■ 187.4920, 14.0544,
18.8625

■ 38.1880, 11.7393,
14.7441

■ 215.9050, 14.3438,
19.3773

■ 15.6010, 12.0287,
15.2589

■ 238.5640, 8.1029,
14.4144

■ 2.6390, 7.5730,
-2.3144

■ 0.0000, 0.0000,
0.0000

■ 108.8400, 12.8969,
16.8033

■ 108.8400, 12.8969,
16.8033

■ 100.6110, 16.9538,
22.2662

■ 117.6560, 8.5506,
10.8257

■ 91.4960, 21.4475,
27.6290

■ 126.1840, 4.3463,
5.9776

■ 83.2670, 25.5044,
33.0918

■ 135.0000, 0.0000,
0.0000

■ 74.4510, 29.8507,
39.0695

■ 143.2290, -4.0569,
-5.4628

■ 65.9230, 34.0550,
43.9175

■ 152.3440, -8.5506,
-10.8257

■ 57.1070, 38.4012,
49.8952


■ 160.5730,
-12.6075, -16.2885

■ 48.8780, 42.4581,
55.3580

■ 169.3890,
-16.9538, -22.2662

■ 177.6180,

-21.0107, -27.7290

 186.7330,
-25.5044, -33.0918

Harmonies

Analogous

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



106.1620, 21.1191, -7.1581



108.8400, 12.8969, 16.8033



108.3060, 2.8071, 33.0576

Triad

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



108.8400, 12.8969, 16.8033



104.6870, -22.0307, 19.5685



83.9570, 18.2622, -70.9993

Complementary

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



108.8400, 12.8969, 16.8033



120.1600, -12.8969, -16.8033

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.



94.4910, 1.7299, -41.6496



108.8400, 12.8969, 16.8033



102.1470, -19.7925, 1.6251

Square

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



108.8400, 12.8969, 16.8033



106.0290, -17.2693, 32.4236



99.4910, -11.5811, -18.8476



85.9710, 27.1293, -68.3806

Rectangle

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



108.8400, 12.8969, 16.8033



107.6780, -4.7713, 37.1164



99.4910, -11.5811, -18.8476



88.5410, 12.5513, -59.2335

Sweetspot

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



108.8400, 12.8969, 16.8033



165.7110, 5.0725, 6.3925



103.3700, 15.5936, -8.2175



82.8310, 3.0413, 4.5332



217.0000, 0.0000, 0.0000



89.0000, 0.0000, 0.0000

Same Dimension

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



108.8400, 12.8969, 16.8033



135.7300, 19.8531, 25.6698



109.4510, 6.1867, 22.4065



62.1790, 1.8838, 2.4740



47.1120, 40.8638, 53.3988



0.9400, 1.0156, 0.9296

Inverse Universe

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



107.0570, -2.9861, 24.5060



132.9770, -4.9187, 37.7312



119.5490, -6.1867, -22.4065



61.9080, -0.4476, 3.5887



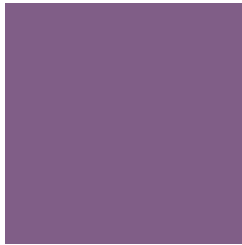
41.3780, -9.5534, 77.7215



0.8970, -0.4422, 1.8443

Previews

White Background



This preview shows how the YUV color 108.8400, 12.8969, 16.8033 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 108.8400, 12.8969, 16.8033 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 108.8400, 12.8969, 16.8033 Background



This preview shows how black text looks on a background with the YUV color 108.8400, 12.8969, 16.8033.



This preview shows how white text looks on a background with the YUV color 108.8400, 12.8969,

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

108.8400, 12.8969, 16.8033

Protanopia

106.3420, 18.0724, -9.9469

Deuteranopia

106.7080, 12.9620, -4.1289



Tritanopia

107.3870, -0.1908, 14.5696

Trichromacy



Original Color

108.8400, 12.8969, 16.8033

Protanomaly

107.2400, 16.1507, -0.2105

Deuteranomaly

107.1650, 13.2297, 3.3633

Tritanomaly

107.6520, 4.6086, 15.2142

Monochromacy



Original Color

108.8400, 12.8969, 16.8033

Achromatopsia

109.0000, 0.0000, 0.0000

Achromatomaly

109.1840, 4.3463, 5.9776

CSS Examples

Text

The CSS property to change the color of the text to YUV 108.8400, 12.8969, 16.8033 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, 135)` looks like.

```
.text, #text, p{  
    color:rgb(128, 94, 135)  
}
```

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, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 94, 135) }
```

Border

The CSS property to change the border of an element to YUV 108.8400, 12.8969, 16.8033 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, 135) }
```


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

```
.border{ border-color:rgb(128, 94, 135) }
```

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, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 94, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 94, 135);  
box-shadow:4px 4px 4px 4px rgb(128, 94,  
135) }
```

Background

The CSS property to change the background color of an element to YUV 108.8400, 12.8969, 16.8033 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, 135) }
```

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

```
.background{ background-color: rgb(128, 94,  
135) }
```

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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