

Converting Colors

YUV(103.8600, 19.2960,
17.6628)

Have a look what the booklet for
YUV(103.8600, 19.2960, 17.6628)
contains.

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Color

**YUV(103.8600, 19.2960,
17.6628)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | 7C568F |
| RGB | 124, 86, 143 |
| RGB Percent | 49%, 34%, 56% |
| CMY | 0.5137, 0.6627, 0.4392 |
| CMYK | 0.13, 0.40, 0.00, 0.44 |
| HSL | 280°, 25%, 45% |
| HSV | 280°, 40%, 56% |
| XYZ | 16.5979, 12.9238, 27.6063 |
| YIQ | 103.8600, 4.3510, 25.7830 |

Conversions

Conversions Part 2

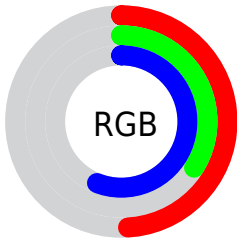
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 124, 86, 143 |
| Decimal | 8148623 |
| CIE _{Lab} | 42.65, 26.68, -25.47 |
| CIE _{LCh} | 43, 36.883, 316.333 |
| Yxy | 12.9238, 0.2905, 0.2262 |
| Android (android.graphics.Color) | 4286338703 (0xFF7C568F) |
| YUV | 103.8600, 19.2960, 17.6628 |
| Hunter-Lab | 35.9497, 19.5009, -20.3649 |

Details

The YUV color **103.8600, 19.2960, 17.6628** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **125.1400, -19.2960, -17.6628**, and the grayscale version is **104.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **155.2130, 20.6010, 19.1072**, and **55.5070, 17.9910, 16.2184** is the 20% darker color. If you saturate the color by 10%, you get **94.1470, 24.0845, 21.7961**, and if you desaturate by 10%, it is **113.5730, 14.5075, 13.5295**.

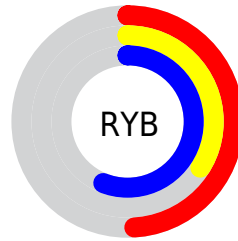
Distribution



Red (49%)

Green (34%)

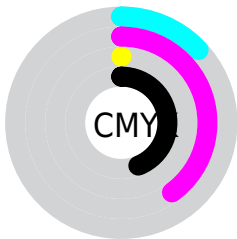
Blue (56%)



Red (49%)

Yellow (34%)

Blue (56%)

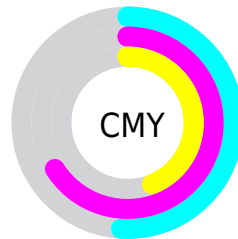


Cyan (13%)

Magenta (40%)

Yellow (0%)

Black (44%)



Cyan (51%)

Magenta (66%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the YUV color 103.8600, 19.2960, 17.6628 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 103.8600, 19.2960, 17.6628 by changing the saturation by 10% instead.

103.8600, 19.2960,
17.6628

103.8600, 19.2960,
17.6628

255.0000, 0.0000,
0.0000

79.0340, 18.7172,
16.6332

155.2130, 20.6010,
19.1072

55.5070, 17.9910,
16.2184

182.6260, 20.8904,
19.6220

32.7950, 17.8491,
15.0888

210.4520, 21.4692,
20.6516

14.2140, 15.6705,
13.8443

233.2810, 10.7075,
19.0476

3.4370, 10.6306,
-3.0142

250.3040, 2.3151,
4.1184

0.0000, 0.0000,
0.0000

103.8600, 19.2960,
17.6628

103.8600, 19.2960,
17.6628

94.1470, 24.0845,
21.7961

113.5730, 14.5075,
13.5295

83.8470, 29.1624,
26.4442

123.8730, 9.4296,
8.8814

74.4330, 33.8035,
31.1923

133.2870, 4.7885,
4.1333

64.7200, 38.5920,
35.3256

143.0000, 0.0000,
0.0000

54.4200, 43.6699,
39.9737

153.3000, -5.0779,
-4.6481


44.7070, 48.4584,
44.1070

163.0130, -9.8664,
-8.7814

172.4270,
-14.5075, -13.5295

182.1400,

-19.2960, -17.6628

 192.4400,
-24.3739, -22.3109

Harmonies

Analogous

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



99.2730, 29.4454, -17.7794



103.8600, 19.2960, 17.6628



102.6860, 6.5638, 41.4944

Triad

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



103.8600, 19.2960, 17.6628



98.6080, -28.8937, 27.5308



81.4300, 17.5360, -71.4141

Complementary

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



103.8600, 19.2960, 17.6628



125.1400, -19.2960, -17.6628

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.



77.1950, 3.8479, -67.7000



103.8600, 19.2960, 17.6628



95.9920, -28.0971, 5.2690

Square

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



103.8600, 19.2960, 17.6628



100.1830, -20.7962, 43.6895



91.6880, -17.1012, -21.6514



83.3340, 29.9083, -73.0839

Rectangle

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



103.8600, 19.2960, 17.6628



101.2110, -3.0620, 48.9270



91.6880, -17.1012, -21.6514



80.1760, 12.7312, -70.3144

Sweetspot

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



103.8600, 19.2960, 17.6628



170.9930, 7.3985, 7.0221



103.6510, 19.3991, -15.4799



85.1730, 4.3517, 4.2333



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.



103.8600, 19.2960, 17.6628



124.7870, 30.1780, 27.3738



108.4010, 12.1273, 30.3433



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.



105.2090, -0.1030, 33.1427



127.0310, -0.0153, 51.7158



120.4850, -12.5641, -30.2433



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 103.8600, 19.2960, 17.6628 looks on a white background.

Color Contrast Check

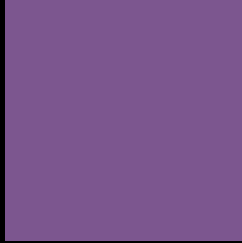
Large Text (above 18pt) WCAG AA ✓ Pass

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 103.8600, 19.2960, 17.6628 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 103.8600, 19.2960, 17.6628

Background



This preview shows how black text looks on a background with the YUV color 103.8600, 19.2960, 17.6628.



This preview shows how white text looks on a background with the YUV color 103.8600, 19.2960,

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

103.8600, 19.2960, 17.6628

Protanopia

100.1870, 26.5298, -15.9500

Deuteranopia

100.9720, 19.2408, -11.3764



Tritanopia

102.6750, -0.3328, 13.4400

Trichromacy



Original Color

103.8600, 19.2960, 17.6628

Protanomaly

101.2810, 24.0185, -3.7544

Deuteranomaly

102.0380, 19.2083, -0.9103

Tritanomaly

103.2220, 6.7926, 14.7143

Monochromacy



Original Color

103.8600, 19.2960, 17.6628

Achromatopsia

104.0000, 0.0000, 0.0000

Achromatomaly

103.5800, 7.1091, 6.5073

CSS Examples

Text

The CSS property to change the color of the text to YUV 103.8600, 19.2960, 17.6628 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(124, 86, 143)` looks like.

```
.text, #text, p{  
    color:rgb(124, 86, 143)  
}
```

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(124, 86, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 86, 143) }
```

Border

The CSS property to change the border of an element to YUV 103.8600, 19.2960, 17.6628 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(124, 86, 143) }
```


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

```
.border{ border-color:rgb(124, 86, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 86, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 86, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 86, 143);  
box-shadow:4px 4px 4px 4px rgb(124, 86,  
143) }
```

Background

The CSS property to change the background color of an element to YUV 103.8600, 19.2960, 17.6628 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 86, 143) }
```

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

```
.background{ background-color: rgb(124, 86,  
143) }
```

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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