

Converting Colors

YUV(107.1180, 11.2808,
21.8215)

Have a look what the booklet for
YUV(107.1180, 11.2808, 21.8215)
contains.

YUV(107.1180, 11.2808, 21.8215)	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(107.1180, 11.2808,
21.8215)**

Conversions

Conversions Part 1

Format	Color
Hex	845A82
RGB	132, 90, 130
RGB Percent	52%, 35%, 51%
CMY	0.4824, 0.6471, 0.4902
CMYK	0.00, 0.32, 0.02, 0.48
HSL	303°, 19%, 44%
HSV	303°, 32%, 52%
XYZ	17.2011, 13.8296, 22.8819
YIQ	107.1180, 12.1920, 21.3440

Conversions

Conversions Part 2

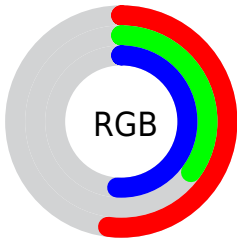
Format	Color
R_{YB}	132, 90, 130
Decimal	8673922
CIE _{Lab}	43.99, 24.25, -15.48
CIE _{LCh}	44, 28.772, 327.451
Yxy	13.8296, 0.3191, 0.2565
Android (android.graphics.Color)	4286864002 (0xFF845A82)
YUV	107.1180, 11.2808, 21.8215
Hunter-Lab	37.1881, 17.4849, -10.4495

Details

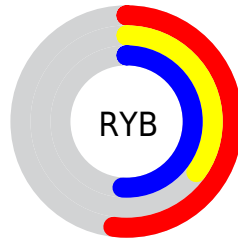
The YUV color **107.1180, 11.2808, 21.8215** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **114.8820, -11.2808, -21.8215**, and the grayscale version is **107.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **159.2430, 11.7122, 23.4659**, and **58.9930, 10.8495, 20.1771** is the 20% darker color. If you saturate the color by 10%, you get **99.3730, 14.6061, 28.6139**, and if you desaturate by 10%, it is **114.8630, 7.9555, 15.0291**.

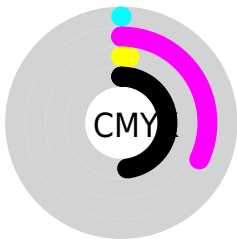
Distribution



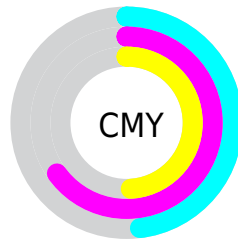
- Red (52%)
- Green (35%)
- Blue (51%)



- Red (52%)
- Yellow (35%)
- Blue (51%)



- Cyan (0%)
- Magenta (32%)
- Yellow (2%)
- Black (48%)



- Cyan (48%)
- Magenta (65%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the YUV color 107.1180, 11.2808, 21.8215 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 107.1180, 11.2808, 21.8215 by changing the saturation by 10% instead.

■ 107.1180, 11.2808,
21.8215

■ 107.1180, 11.2808,
21.8215

■ 255.0000, 0.0000,
0.0000

■ 82.4060, 11.1388,
20.6919

■ 159.2430, 11.7122,
23.4659

■ 58.9930, 10.8495,
20.1771

■ 186.0690, 12.2910,
24.4955

■ 36.2810, 10.7075,
19.0476

■ 214.0690, 12.2910,
24.4955

■ 14.8680, 10.4181,
18.5328

■ 236.2160, 9.2605,
16.4736

■ 1.3680, 5.2416,
-1.1997

■ 252.6520, 1.1576,
2.0592

■ 0.0000, 0.0000,
0.0000

107.1180, 11.2808,
21.8215

107.1180, 11.2808,
21.8215

99.3730, 14.6061,
28.6139

114.8630, 7.9555,
15.0291

91.7420, 18.3682,
35.3063

122.4940, 4.1935,
8.3368

83.4100, 21.9829,
42.6134

130.8260, 0.5788,
1.0296

75.6650, 25.3082,
49.4058

138.5710, -2.7465,
-5.7628

68.0340, 29.0702,
56.0982

146.2020, -6.5086,
-12.4552

60.2890, 32.3955,
62.8905


153.9470, -9.8339,
-19.2475

53.8320, 35.5788,
68.5533

161.5780,
-13.5960, -25.9399

169.9100,

-17.2106, -33.2471

 177.6550,
-20.5359, -40.0394

Harmonies

Analogous

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



105.5540, 19.9399, -2.2399



107.1180, 11.2808, 21.8215



106.0460, 0.4703, 35.9167

Triad

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



107.1180, 11.2808, 21.8215



102.4370, -22.8934, 16.2798



82.3420, 21.0304, -72.2139

Complementary

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



107.1180, 11.2808, 21.8215



114.8820, -11.2808, -21.8215

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.



89.1740, 5.8302, -50.1416



107.1180, 11.2808, 21.8215



99.9400, -19.1974, -2.5784

Square

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



107.1180, 11.2808, 21.8215



103.7470, -19.5953, 31.7939



96.0280, -9.3808, -24.5806



82.7470, 30.1977, -72.5691

Rectangle

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



107.1180, 11.2808, 21.8215



105.1190, -6.9607, 39.3606



96.0280, -9.3808, -24.5806



82.0170, 17.2466, -71.9289

Sweetspot

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



107.1180, 11.2808, 21.8215



160.9070, 4.4828, 8.8516



95.0870, 18.1981, -3.5843



80.4290, 2.7465, 5.7628



214.0000, 0.0000, 0.0000



87.0000, 0.0000, 0.0000

Same Dimension

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



107.1180, 11.2808, 21.8215



132.5030, 17.5000, 33.7619



104.8380, 2.5449, 23.8211



62.4780, 1.7363, 3.0888



53.0060, 35.0000, 67.5237



1.1250, 0.4314, 1.6444

Inverse Universe

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



107.1180, 11.2808, 21.8215



132.5030, 17.5000, 33.7619



117.1620, -2.5449, -23.8211



62.4780, 1.7363, 3.0888



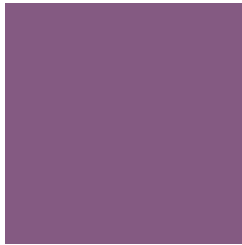
53.0060, 35.0000, 67.5237



1.1250, 0.4314, 1.6444

Previews

White Background



This preview shows how the YUV color 107.1180, 11.2808, 21.8215 looks on a white background.

Color Contrast Check

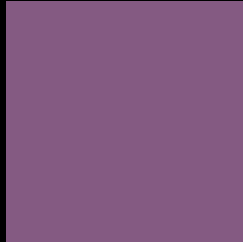
Large Text (above 18pt) WCAG AA ✓ Pass

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 107.1180, 11.2808, 21.8215 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 107.1180, 11.2808, 21.8215

Background



This preview shows how black text looks on a background with the YUV color 107.1180, 11.2808, 21.8215.



This preview shows how white text looks on a background with the YUV color 107.1180, 11.2808,

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

107.1180, 11.2808, 21.8215

Protanopia

104.4130, 17.0514, -9.1322

Deuteranopia

105.2630, 11.2093, -1.9847



Tritanopia

105.7790, -1.3700, 19.4878

Trichromacy



Original Color

107.1180, 11.2808, 21.8215

Protanomaly

105.3220, 15.1243, 2.3486

Deuteranomaly

106.3180, 11.1822, 6.7371

Tritanomaly

106.0440, 3.4293, 20.1324

Monochromacy



Original Color

107.1180, 11.2808, 21.8215

Achromatopsia

107.0000, 0.0000, 0.0000

Achromatomaly

107.0810, 3.9041, 7.8220

CSS Examples

Text

The CSS property to change the color of the text to YUV 107.1180, 11.2808, 21.8215 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(132, 90, 130)` looks like.

```
.text, #text, p{  
    color:rgb(132, 90, 130)  
}
```

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(132, 90, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 90, 130) }
```

Border

The CSS property to change the border of an element to YUV 107.1180, 11.2808, 21.8215 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(132, 90, 130) }
```


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

```
.border{ border-color:rgb(132, 90, 130) }
```

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

Here you see how a box with a 4 pixel rgb(132, 90, 130) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 90, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 90, 130);  
box-shadow:4px 4px 4px 4px rgb(132, 90,  
130) }
```

Background

The CSS property to change the background color of an element to YUV 107.1180, 11.2808, 21.8215 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 90, 130) }
```

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

```
.background{ background-color: rgb(132, 90,  
130) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor