

# Converting Colors

YUV(112.9780, 6.9128, 22.8213)

Have a look what the booklet for  
YUV(112.9780, 6.9128, 22.8213)  
contains.

<b>YUV(112.9780, 6.9128, 22.8213)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**YUV(112.9780, 6.9128,  
22.8213)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	8B617F
RGB	139, 97, 127
RGB Percent	55%, 38%, 50%
CMY	0.4549, 0.6196, 0.5020
CMYK	0.00, 0.30, 0.09, 0.45
HSL	317°, 18%, 46%
HSV	317°, 30%, 55%
XYZ	18.7529, 15.5707, 22.0957
YIQ	112.9780, 15.4020, 18.2340

# Conversions

## Conversions Part 2

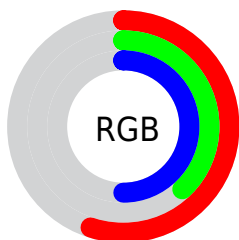
Format	Color
R <sub>Y</sub> B	139, 97, 127
Decimal	9134463
CIE Lab	46.41, 22.09, -9.93
CIE LCh	46, 24.219, 335.788
Yxy	15.5707, 0.3324, 0.2760
Android (android.graphics.Color)	4287324543 (0xFF8B617F)
YUV	112.9780, 6.9128, 22.8213
Hunter-Lab	39.4597, 15.7764, -5.5781

# Details

The YUV color **112.9780, 6.9128, 22.8213** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **123.0220, -6.9128, -22.8213**, and the grayscale version is **113.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **165.1030, 7.3442, 24.4657**, and **64.5540, 6.6289, 20.5621** is the 20% darker color. If you saturate the color by 10%, you get **104.3040, 9.2171, 30.4284**, and if you desaturate by 10%, it is **121.6520, 4.6086, 15.2142**.

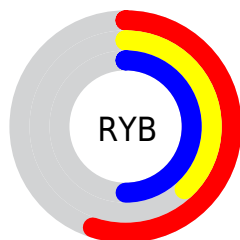
# Distribution



 Red (55%)

 Green (38%)

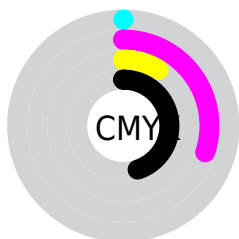
 Blue (50%)



 Red (55%)

 Yellow (38%)

 Blue (50%)

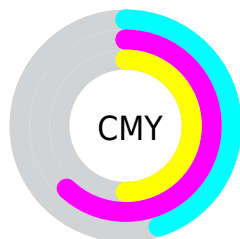



 Cyan (0%)

 Magenta (30%)

 Yellow (9%)

 Black (45%)



 Cyan (45%)

 Magenta (62%)


 Yellow (50%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 112.9780, 6.9128, 22.8213 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 112.9780, 6.9128, 22.8213 by changing the saturation by 10% instead.





 112.9780, 6.9128,  
22.8213


 112.9780, 6.9128,  
22.8213

255.0000, 0.0000,  
0.0000

 88.2660, 6.7709,  
21.6917

 165.1030, 7.3442,  
24.4657


 64.5540, 6.6289,  
20.5621


 192.4020, 7.1968,  
25.0804


 41.8420, 6.4869,  
19.4326

 220.2280, 7.7756,  
26.1100

 19.0700, 7.3605,  
19.2326

 240.9120, 6.9454,  
12.3552

 4.9130, 2.0149,  
7.0923

 0.0000, 0.0000,  
0.0000

■ 112.9780, 6.9128,  
22.8213

■ 112.9780, 6.9128,  
22.8213

■ 104.3040, 9.2171,  
30.4284

■ 121.6520, 4.6086,  
15.2142

■ 95.6300, 11.5214,  
38.0355

■ 130.3260, 2.3043,  
7.6071

■ 86.9560, 13.8257,  
45.6426

■ 139.0000, 0.0000,  
0.0000

■ 78.2820, 16.1300,  
53.2497

■ 147.6740, -2.3043,  
-7.6071

■ 70.1950, 18.1449,  
60.3420

■ 156.3480, -4.6086,  
-15.2142

■ 61.5210, 20.4491,  
67.9491


■ 164.4350, -6.6235,  
-22.3065

■ 52.8470, 22.7534,  
75.5562

■ 173.1090, -8.9277,  
-29.9136

■ 181.7830,

-11.2320, -37.5207

 190.4570,  
-13.5363, -45.1278

# Harmonies

## Analogous

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



112.0450, 15.2608, 5.2225



112.9780, 6.9128, 22.8213



111.9270, -2.4290, 32.5130

# Triad

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



112.9780, 6.9128, 22.8213



108.3160, -19.3828, 10.2469



97.2630, 17.6183, -51.0967

# Complementary

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



112.9780, 6.9128, 22.8213



123.0220, -6.9128, -22.8213

# 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.



98.8590, 6.9715, -42.8493



112.9780, 6.9128, 22.8213



106.0580, -14.8186, -7.0669

# Square

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



112.9780, 6.9128, 22.8213



110.0450, -18.2632, 24.5165



103.1680, -5.0128, -25.5803



102.3660, 21.5116, -39.7860



# Rectangle

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



112.9780, 6.9128, 22.8213



111.8040, -9.2704, 33.4979



103.1680, -5.0128, -25.5803



97.4650, 14.5608, -50.3968

# Sweetspot

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



112.9780, 6.9128, 22.8213



171.0380, 2.4463, 8.7367



105.3760, 16.5766, 3.1782



85.7880, 1.5835, 5.4479



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.



112.9780, 6.9128, 22.8213



140.6790, 10.5113, 35.3615



110.5840, -2.2599, 24.9208



64.6630, 1.1521, 3.8035



50.5970, 21.8907, 72.2674



1.9510, 1.0102, 2.6740



# Inverse Universe

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



112.9780, 6.9128, 22.8213



140.6790, 10.5113, 35.3615



125.4160, 2.2599, -24.9208



64.6630, 1.1521, 3.8035



50.5970, 21.8907, 72.2674

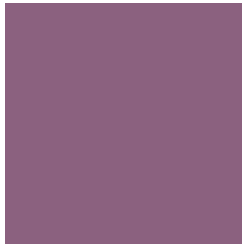


1.9510, 1.0102, 2.6740



# Previews

## White Background



This preview shows how the YUV color 112.9780, 6.9128, 22.8213 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

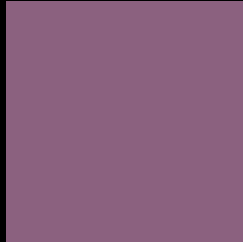
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 112.9780, 6.9128, 22.8213 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

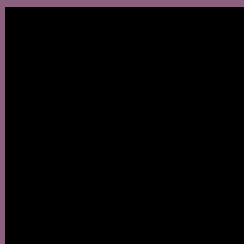
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# YUV 112.9780, 6.9128, 22.8213

## Background



This preview shows how black text looks on a background with the YUV color 112.9780, 6.9128, 22.8213.



This preview shows how white text looks on a background with the YUV color 112.9780, 6.9128,



# 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

112.9780, 6.9128, 22.8213

### Protanopia

110.4690, 12.0938, -5.6733

### Deuteranopia

111.1450, 6.8305, 2.5038



## Tritanopia

111.9750, -1.9597, 21.9469

# Trichromacy



## Original Color

112.9780, 6.9128, 22.8213

## Protanomaly

111.6660, 10.0247, 4.6779

## Deuteranomaly

111.6020, 7.0982, 9.9960

## Tritanomaly

112.4850, 1.2399, 22.3767

# Monochromacy



## Original Color

112.9780, 6.9128, 22.8213

## Achromatopsia

113.0000, 0.0000, 0.0000

## Achromatomaly

112.7390, 2.5937, 8.1219

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 112.9780, 6.9128, 22.8213 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(139, 97, 127)` looks like.

```
.text, #text, p{  
    color:rgb(139, 97, 127)  
}
```

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(139, 97, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 97, 127) }
```

## Border

The CSS property to change the border of an element to YUV 112.9780, 6.9128, 22.8213 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(139, 97, 127) }
```



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

```
.border{ border-color:rgb(139, 97, 127) }
```

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

Here you see how a box with a 4 pixel rgb(139, 97, 127) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 97, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 97, 127);  
box-shadow:4px 4px 4px 4px rgb(139, 97,  
127) }
```

# Background

The CSS property to change the background color of an element to YUV 112.9780, 6.9128, 22.8213 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 97, 127) }
```

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

```
.background{ background-color: rgb(139, 97,  
127) }
```

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