

# Converting Colors

YUV(104.7260, 12.4601,  
16.9033)

Have a look what the booklet for  
YUV(104.7260, 12.4601, 16.9033)  
contains.

<b>YUV(104.7260, 12.4601, 16.9033)</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(104.7260, 12.4601,  
16.9033)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7C5A82
RGB	124, 90, 130
RGB Percent	49%, 35%, 51%
CMY	0.5137, 0.6471, 0.4902
CMYK	0.05, 0.31, 0.00, 0.49
HSL	291°, 18%, 43%
HSV	291°, 31%, 51%
XYZ	15.9976, 13.2091, 22.8255
YIQ	104.7260, 7.4240, 19.6480

# Conversions

## Conversions Part 2

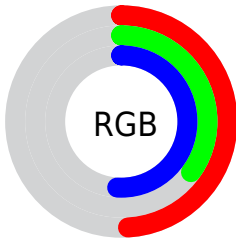
<b>Format</b>	<b>Color</b>
<b>RYB</b>	124, 90, 130
Decimal	8149634
CIELab	43.08, 21.42, -16.95
CIELCh	43, 27.319, 321.643
Yxy	13.2091, 0.3075, 0.2539
Android (android.graphics.Color)	4286339714 (0xFF7C5A82)
YUV	104.7260, 12.4601, 16.9033
Hunter-Lab	36.3444, 14.9673, -11.7952

# Details

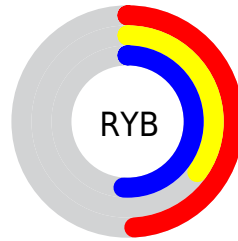
The YUV color **104.7260, 12.4601, 16.9033** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **115.2740, -12.4601, -16.9033**, and the grayscale version is **105.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **156.5520, 13.0389, 17.9329**, and **57.1880, 11.7393, 14.7441** is the 20% darker color. If you saturate the color by 10%, you get **96.4970, 16.5170, 22.3661**, and if you desaturate by 10%, it is **112.9550, 8.4032, 11.4405**.

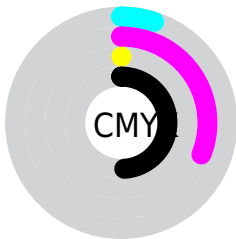
# Distribution



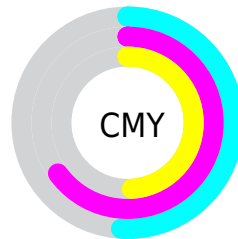
- Red (49%)
- Green (35%)
- Blue (51%)



- Red (49%)
- Yellow (35%)
- Blue (51%)



- Cyan (5%)
- Magenta (31%)
- Yellow (0%)
- Black (49%)



- Cyan (51%)
- Magenta (65%)
- Yellow (49%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 104.7260, 12.4601, 16.9033 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 104.7260, 12.4601, 16.9033 by changing the saturation by 10% instead.



■ 104.7260, 12.4601,  
16.9033

■ 104.7260, 12.4601,  
16.9033

■ 255.0000, 0.0000,  
0.0000

■ 80.3130, 12.1707,  
16.3885

■ 156.5520, 13.0389,  
17.9329

■ 57.1880, 11.7393,  
14.7441

■ 183.3780, 13.6176,  
18.9625

■ 34.6610, 11.0131,  
14.3293

■ 210.7910, 13.9070,  
19.4773

■ 13.3730, 11.1551,  
15.4589

■ 235.6290, 9.5499,  
16.9884

■ 1.3680, 5.2416,  
-1.1997

■ 252.6520, 1.1576,  
2.0592

■ 0.0000, 0.0000,  
0.0000

104.7260, 12.4601,  
16.9033

104.7260, 12.4601,  
16.9033

96.4970, 16.5170,  
22.3661

112.9550, 8.4032,  
11.4405

88.2680, 20.5739,  
27.8290

121.1840, 4.3463,  
5.9776

80.0390, 24.6308,  
33.2918

129.4130, 0.2894,  
0.5148

71.8100, 28.6877,  
38.7546

137.6420, -3.7675,  
-4.9480

63.5810, 32.7446,  
44.2175

145.8710, -7.8244,  
-10.4109

55.3520, 36.8015,  
49.6803


154.1000,  
-11.8813, -15.8737

47.7100, 40.5690,  
54.6283

162.3290,  
-15.9382, -21.3365

170.5580,

-19.9951, -26.7994

 178.7870,  
-24.0520, -32.2622

# Harmonies

## Analogous

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



102.3470, 20.5349, -6.4433



104.7260, 12.4601, 16.9033



104.4800, 2.2284, 32.0280

# Triad

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



104.7260, 12.4601, 16.9033



100.5020, -21.4465, 18.8537



80.3700, 18.5516, -70.4845

# Complementary

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



104.7260, 12.4601, 16.9033



115.2740, -12.4601, -16.9033

# 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.



89.9040, 2.0193, -41.1348



104.7260, 12.4601, 16.9033



98.2610, -19.3557, 1.5251

# Square

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



104.7260, 12.4601, 16.9033



101.7300, -17.1219, 31.8088



95.6050, -11.1443, -18.9476



81.3730, 27.4241, -69.6101



# Rectangle

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



104.7260, 12.4601, 16.9033



103.6780, -4.7713, 37.1164



95.6050, -11.1443, -18.9476



83.6440, 12.9935, -61.0778

# Sweetspot

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



104.7260, 12.4601, 16.9033



158.5970, 4.6357, 6.4924



98.0820, 15.7356, -7.0879



78.4180, 2.7519, 4.0184



212.0000, 0.0000, 0.0000



84.0000, 0.0000, 0.0000



# Same Dimension

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



104.7260, 12.4601, 16.9033



128.9150, 19.2689, 26.3845



104.9240, 5.4605, 21.9917



59.5920, 2.1731, 2.9888



46.8840, 39.9902, 53.5987



0.0000, 0.0000, 0.0000



# Inverse Universe

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



102.6440, -3.2755, 23.9912



125.5640, -5.2081, 37.2164



115.0760, -5.4605, -21.9917



59.2070, -0.5951, 4.2035



40.4380, -10.5689, 76.7919

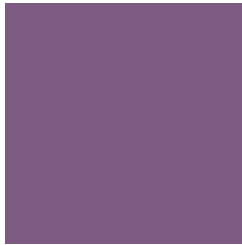


0.0000, 0.0000, 0.0000



# Previews

## White Background



This preview shows how the YUV color 104.7260, 12.4601, 16.9033 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 104.7260, 12.4601, 16.9033 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

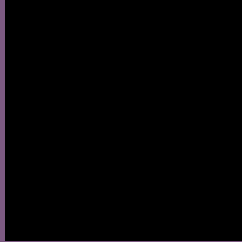
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# YUV 104.7260, 12.4601, 16.9033

## Background



This preview shows how black text looks on a background with the YUV color 104.7260, 12.4601, 16.9033.



This preview shows how white text looks on a background with the YUV color 104.7260, 12.4601, 16.9033.



# 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

104.7260, 12.4601, 16.9033

### Protanopia

102.2280, 17.6356, -9.8470

### Deuteranopia

102.5940, 12.5252, -4.0289



## Tritanopia

103.3870, -0.1908, 14.5696

# Trichromacy



## Original Color

104.7260, 12.4601, 16.9033

## Protanomaly

103.1260, 15.7139, -0.1105

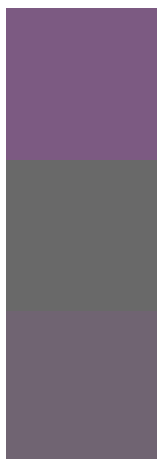
## Deuteranomaly

103.0510, 12.7929, 3.4633

## Tritanomaly

103.6520, 4.6086, 15.2142

# Monochromacy



## Original Color

104.7260, 12.4601, 16.9033

## Achromatopsia

105.0000, 0.0000, 0.0000

## Achromatomaly

105.1840, 4.3463, 5.9776

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 104.7260, 12.4601, 16.9033 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, 90, 130)` looks like.

```
.text, #text, p{  
    color:rgb(124, 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(124, 90, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 90, 130) }
```

## Border

The CSS property to change the border of an element to YUV 104.7260, 12.4601, 16.9033 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, 90, 130) }
```



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

```
.border{ border-color:rgb(124, 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(124, 90, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 90, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 90, 130);  
box-shadow:4px 4px 4px 4px rgb(124, 90,  
130) }
```

# Background

The CSS property to change the background color of an element to YUV 104.7260, 12.4601, 16.9033 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 90, 130) }
```

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

```
.background{ background-color: rgb(124, 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](#).

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