

# Converting Colors

YUV(104.0260, 7.3822, 12.2552)

Have a look what the booklet for  
YUV(104.0260, 7.3822, 12.2552)  
contains.

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# Color

**YUV(104.0260, 7.3822,  
12.2552)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	765E77
RGB	118, 94, 119
RGB Percent	46%, 37%, 47%
CMY	0.5373, 0.6314, 0.5333
CMYK	0.01, 0.21, 0.00, 0.53
HSL	298°, 12%, 42%
HSV	298°, 21%, 47%
XYZ	14.8037, 13.1889, 19.2182
YIQ	104.0260, 6.2790, 12.8630

# Conversions

## Conversions Part 2

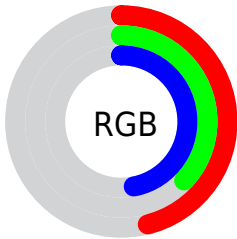
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	118, 94, 119
Decimal	7757431
CIE <sub>Lab</sub>	43.05, 14.51, -10.38
CIE <sub>LCh</sub>	43, 17.840, 324.405
Yxy	13.1889, 0.3136, 0.2794
Android (android.graphics.Color)	4285947511 (0xFF765E77)
YUV	104.0260, 7.3822, 12.2552
Hunter-Lab	36.3165, 9.2081, -5.9540

# Details

The YUV color **104.0260, 7.3822, 12.2552** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **108.9740, -7.3822, -12.2552**, and the grayscale version is **104.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **155.4390, 7.6716, 12.7700**, and **56.9010, 6.9508, 10.6108** is the 20% darker color. If you saturate the color by 10%, you get **96.9820, 10.8549, 18.4328**, and if you desaturate by 10%, it is **111.0700, 3.9095, 6.0776**.

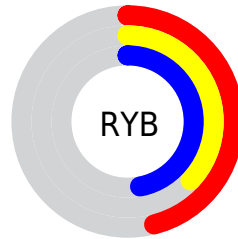
# Distribution



Red (46%)

Green (37%)

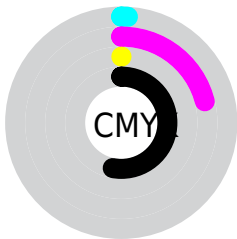
Blue (47%)



Red (46%)

Yellow (37%)

Blue (47%)

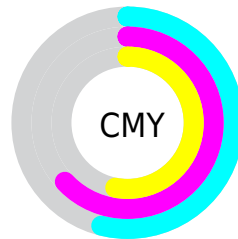


Cyan (1%)

Magenta (21%)

Yellow (0%)

Black (53%)



Cyan (54%)

Magenta (63%)

Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 104.0260, 7.3822, 12.2552 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 104.0260, 7.3822, 12.2552 by changing the saturation by 10% instead.



■ 104.0260, 7.3822,  
12.2552

■ 104.0260, 7.3822,  
12.2552

255.0000, 0.0000,  
0.0000

■ 79.6130, 7.0928,  
11.7404

■ 155.4390, 7.6716,  
12.7700

■ 56.9010, 6.9508,  
10.6108

■ 182.2650, 8.2504,  
13.7996

■ 34.7870, 6.5140,  
10.7108

■ 209.6780, 8.5397,  
14.3144

■ 11.8520, 7.9610,  
13.2848

■ 237.9770, 8.3923,  
14.9292

■ 0.0000, 0.0000,  
0.0000

■ 104.0260, 7.3822,

■ 104.0260, 7.3822,

12.2552

12.2552

■ 96.9820, 10.8549,  
18.4328

■ 111.0700, 3.9095,  
6.0776

■ 89.6390, 14.4750,  
23.9956

■ 118.4130, 0.2894,  
0.5148

■ 82.5950, 17.9477,  
30.1732

■ 125.4570, -3.1833,  
-5.6628

■ 75.2520, 21.5678,  
35.7360

■ 132.8000, -6.8034,  
-11.2256

■ 68.7950, 24.7511,  
41.3988

■ 139.8440,  
-10.2761, -17.4032

■ 61.4520, 28.3712,  
46.9616


■ 146.6000,  
-13.6068, -22.4512

■ 54.4080, 31.8439,  
53.1392

■ 153.6440,  
-17.0795, -28.6288

■ 47.6520, 35.1746,  
58.1872

■ 160.9870,  
-20.6996, -34.1916

 168.0310,  
-24.1723, -40.3692

# Harmonies

## Analogous

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



102.6050, 12.5197, -2.2846



104.0260, 7.3822, 12.2552



103.9580, 0.5137, 21.9618

# Triad

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



104.0260, 7.3822, 12.2552



101.2930, -14.4414, 12.0210



94.7940, 8.9756, -32.2683

# Complementary

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



104.0260, 7.3822, 12.2552



108.9740, -7.3822, -12.2552

# 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.



95.7750, 1.0969, -25.2357



104.0260, 7.3822, 12.2552



99.4980, -12.0775, 0.4403

# Square

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



104.0260, 7.3822, 12.2552



102.3310, -11.9952, 20.7577



97.7890, -6.7980, -12.9700



96.4830, 14.0589, -29.3646



# Rectangle

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



104.0260, 7.3822, 12.2552



103.7150, -4.2965, 24.8059



97.7890, -6.7980, -12.9700



94.8220, 6.4968, -30.5389

# Sweetspot

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



104.0260, 7.3822, 12.2552



149.8310, 3.0413, 4.5332



97.4370, 10.6306, -3.0142



76.0650, 1.4470, 2.5740



207.0000, 0.0000, 0.0000



79.0000, 0.0000, 0.0000



# Same Dimension

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



104.0260, 7.3822, 12.2552



132.5090, 11.5811, 18.8476



103.0710, 2.4300, 13.9697



55.1790, 1.8838, 2.4740



49.1900, 35.8953, 60.3464



100.2600, 73.8218, 122.5520



# Inverse Universe

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



101.5890, -3.2484, 15.2694



128.7750, -5.3121, 23.8763



109.9290, -2.4300, -13.9697



54.7940, -0.8844, 3.6887



37.0480, -15.7997, 74.5029



75.8900, -32.4838, 152.6945



# Previews

## White Background



This preview shows how the YUV color 104.0260, 7.3822, 12.2552 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 104.0260, 7.3822, 12.2552 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 104.0260, 7.3822, 12.2552

## Background



This preview shows how black text looks on a background with the YUV color 104.0260, 7.3822, 12.2552.



This preview shows how white text looks on a background with the YUV color 104.0260, 7.3822,



# 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

104.0260, 7.3822, 12.2552

### Protanopia

102.4260, 10.6360, -4.7586

### Deuteranopia

102.6610, 7.5621, 1.1743



## Tritanopia

103.4790, 0.2569, 10.9809

# Trichromacy



## Original Color

104.0260, 7.3822, 12.2552

## Protanomaly

102.8290, 9.4513, 1.9040

## Deuteranomaly

102.9820, 7.4039, 5.2778

## Tritanomaly

103.7610, 2.5828, 11.6106

# Monochromacy



## Original Color

104.0260, 7.3822, 12.2552

## Achromatopsia

104.0000, 0.0000, 0.0000

## Achromatomaly

103.7170, 2.6045, 4.6332

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 104.0260, 7.3822, 12.2552 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(118, 94, 119)` looks like.

```
.text, #text, p{  
    color:rgb(118, 94, 119)  
}
```

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(118, 94, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 94, 119) }
```

## Border

The CSS property to change the border of an element to YUV 104.0260, 7.3822, 12.2552 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(118, 94, 119) }
```



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

```
.border{ border-color:rgb(118, 94, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(118, 94, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 94, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 94, 119);  
box-shadow:4px 4px 4px 4px rgb(118, 94,  
119) }
```

# Background

The CSS property to change the background color of an element to YUV 104.0260, 7.3822, 12.2552 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 94, 119) }
```

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

```
.background{ background-color: rgb(118, 94,  
119) }
```

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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