

# Converting Colors

YUV(89.3470, 7.2239, 16.3587)

Have a look what the booklet for  
YUV(89.3470, 7.2239, 16.3587)  
contains.

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# Color

**YUV(89.3470, 7.2239,  
16.3587)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6C4D68
RGB	108, 77, 104
RGB Percent	42%, 30%, 41%
CMY	0.5765, 0.6980, 0.5922
CMYK	0.00, 0.29, 0.04, 0.58
HSL	308°, 17%, 36%
HSV	308°, 29%, 42%
XYZ	11.3369, 9.4954, 14.3320
YIQ	89.3470, 9.8090, 14.9690

# Conversions

## Conversions Part 2

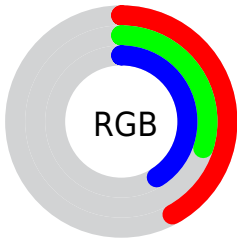
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	108, 77, 104
Decimal	7097704
CIE Lab	36.92, 18.02, -10.49
CIE LCh	37, 20.850, 329.782
Yxy	9.4954, 0.3224, 0.2700
Android (android.graphics.Color)	4285287784 (0xFF6C4D68)
YUV	89.3470, 7.2239, 16.3587
Hunter-Lab	30.8146, 11.7460, -6.0058

# Details

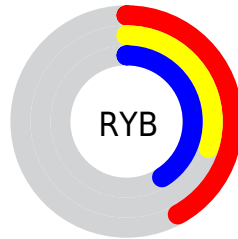
The YUV color **89.3470, 7.2239, 16.3587** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **95.6530, -7.2239, -16.3587**, and the grayscale version is **89.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **139.4720, 7.6553, 18.0031**, and **43.2220, 6.7926, 14.7143** is the 20% darker color. If you saturate the color by 10%, you get **82.7760, 9.9704, 22.1214**, and if you desaturate by 10%, it is **95.9180, 4.4774, 10.5959**.

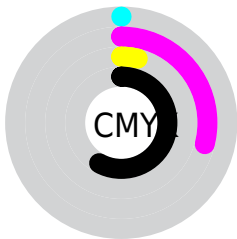
# Distribution



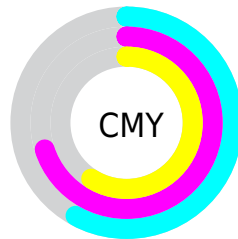
- Red (42%)
- Green (30%)
- Blue (41%)



- Red (42%)
- Yellow (30%)
- Blue (41%)



- Cyan (0%)
- Magenta (29%)
- Yellow (4%)
- Black (58%)




- Cyan (58%)
- Magenta (70%)
- Yellow (59%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 89.3470, 7.2239, 16.3587 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 89.3470, 7.2239, 16.3587 by changing the saturation by 10% instead.





 89.3470, 7.2239,  
16.3587


 89.3470, 7.2239,  
16.3587

255.0000, 0.0000,  
0.0000

 65.6350, 7.0819,  
15.2291


 139.4720, 7.6553,  
18.0031


 43.2220, 6.7926,  
14.7143

 165.8850, 7.9447,  
18.5179


 21.8090, 6.5032,  
14.1995

 193.2980, 8.2341,  
19.0327

 3.2760, 4.7939,  
2.3889

 221.2980, 8.2341,  
19.0327

 0.0000, 0.0000,  
0.0000

 243.2600, 5.7878,  
10.2960

89.3470, 7.2239,  
16.3587

89.3470, 7.2239,  
16.3587

82.7760, 9.9704,  
22.1214

95.9180, 4.4774,  
10.5959

76.0910, 12.2801,  
27.9842

102.6030, 2.1677,  
4.7332

70.1070, 14.7372,  
33.2322

108.5870, -0.2894,  
-0.5148

63.4220, 17.0470,  
39.0949

115.2720, -2.5991,  
-6.3775

56.8510, 19.7935,  
44.8577

121.8430, -5.3456,  
-12.1403

50.2800, 22.5400,  
50.6204

128.4140, -8.0921,  
-17.9031

43.5950, 24.8497,  
56.4832

135.0990,  
-10.4018, -23.7658

43.0080, 25.1391,

141.0830,

56.9980

-12.8589, -29.0138

 147.7680,  
-15.1686, -34.8765

# Harmonies

## Analogous

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



88.5560, 13.5299, 0.3894



89.3470, 7.2239, 16.3587



88.7520, -0.3707, 25.6505

# Triad

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



89.3470, 7.2239, 16.3587



85.8260, -16.1832, 10.6766



76.1670, 13.2287, -43.1195

# Complementary

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



89.3470, 7.2239, 16.3587



95.6530, -7.2239, -16.3587

# 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.



78.4150, 3.7394, -32.8130



89.3470, 7.2239, 16.3587



84.1340, -13.3771, -2.7485

# Square

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



89.3470, 7.2239, 16.3587



87.0600, -14.3266, 21.8724



81.2830, -6.0555, -17.7882



79.0630, 17.7169, -36.0123



# Rectangle

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



89.3470, 7.2239, 16.3587



88.5690, -6.1965, 27.5650



81.2830, -6.0555, -17.7882



76.4940, 10.6025, -40.7752

# Sweetspot

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



89.3470, 7.2239, 16.3587



132.8420, 3.0359, 6.2776



81.7300, 12.9511, -0.6402



66.7770, 1.5889, 3.7036



199.0000, 0.0000, 0.0000



71.0000, 0.0000, 0.0000



# Same Dimension

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



89.3470, 7.2239, 16.3587



111.7270, 10.9806, 24.7954



87.6370, 0.6720, 17.8584



50.3640, 1.2995, 3.1888



46.6110, 27.3068, 61.7312



97.5370, 56.9233, 129.3251



# Inverse Universe

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



89.3470, 7.2239, 16.3587



111.7270, 10.9806, 24.7954



97.3630, -0.6720, -17.8584



50.3640, 1.2995, 3.1888



46.6110, 27.3068, 61.7312



97.5370, 56.9233, 129.3251



# Previews

## White Background



This preview shows how the YUV color 89.3470, 7.2239, 16.3587 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 ✓ Pass



# Black Background



This preview shows how the YUV color 89.3470, 7.2239, 16.3587 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

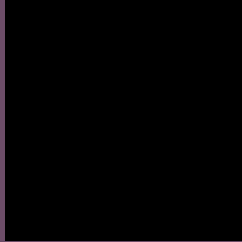
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

**YUV 89.3470, 7.2239, 16.3587**

## **Background**



This preview shows how black text looks on a background with the YUV color 89.3470, 7.2239, 16.3587.



This preview shows how white text looks on a background with the YUV color 89.3470, 7.2239,



# 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

89.3470, 7.2239, 16.3587

### Protanopia

87.2410, 11.2202, -5.4734

### Deuteranopia

87.8350, 6.9833, 0.1447



## Tritanopia

88.4580, -1.2118, 15.3843

# Trichromacy



## Original Color

89.3470, 7.2239, 16.3587

## Protanomaly

88.2420, 9.7407, 2.4188

## Deuteranomaly

88.2810, 7.2565, 5.8926

## Tritanomaly

88.9680, 1.9878, 15.8141

# Monochromacy



## Original Color

89.3470, 7.2239, 16.3587

## Achromatopsia

89.0000, 0.0000, 0.0000

## Achromatomaly

89.3150, 2.3097, 5.8627

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 89.3470, 7.2239, 16.3587 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(108, 77, 104)` looks like.

```
.text, #text, p{  
    color:rgb(108, 77, 104)  
}
```

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(108, 77, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 77, 104) }
```

## Border

The CSS property to change the border of an element to YUV 89.3470, 7.2239, 16.3587 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(108, 77, 104) }
```



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

```
.border{ border-color:rgb(108, 77, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(108, 77, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 77, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 77, 104);  
box-shadow:4px 4px 4px 4px rgb(108, 77,  
104) }
```

# Background

The CSS property to change the background color of an element to YUV 89.3470, 7.2239, 16.3587 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 77, 104) }
```

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

```
.background{ background-color: rgb(108, 77,  
104) }
```

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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