

# Converting Colors

YUV(85.9880, 8.3869, 16.6735)

Have a look what the booklet for  
YUV(85.9880, 8.3869, 16.6735)  
contains.

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# Color

**YUV(85.9880, 8.3869,  
16.6735)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	694967
RGB	105, 73, 103
RGB Percent	41%, 29%, 40%
CMY	0.5882, 0.7137, 0.5961
CMYK	0.00, 0.30, 0.02, 0.59
HSL	304°, 18%, 35%
HSV	304°, 30%, 41%
XYZ	10.6564, 8.7476, 13.9588
YIQ	85.9880, 9.4420, 16.1140

# Conversions

## Conversions Part 2

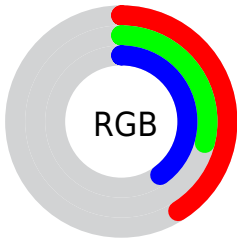
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	105, 73, 103
Decimal	6900071
CIE <sub>Lab</sub>	35.49, 19.14, -12.06
CIE <sub>LCh</sub>	35, 22.627, 327.781
Yxy	8.7476, 0.3194, 0.2622
Android (android.graphics.Color)	4285090151 (0xFF694967)
YUV	85.9880, 8.3869, 16.6735
Hunter-Lab	29.5764, 12.5552, -7.2789

# Details

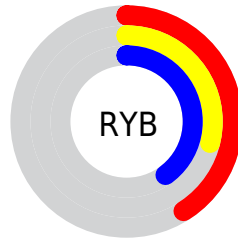
The YUV color **85.9880, 8.3869, 16.6735** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **92.0120, -8.3869, -16.6735**, and the grayscale version is **86.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **136.1130, 8.8183, 18.3179**, and **39.8630, 7.9555, 15.0291** is the 20% darker color. If you saturate the color by 10%, you get **79.4170, 11.1334, 22.4363**, and if you desaturate by 10%, it is **91.9720, 5.9298, 11.4256**.

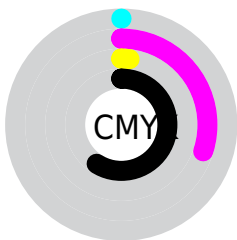
# Distribution



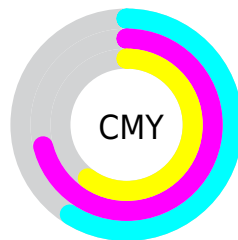
- Red (41%)
- Green (29%)
- Blue (40%)



- Red (41%)
- Yellow (29%)
- Blue (40%)



- Cyan (0%)
- Magenta (30%)
- Yellow (2%)
- Black (59%)



- Cyan (59%)
- Magenta (71%)
- Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 85.9880, 8.3869, 16.6735 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 85.9880, 8.3869, 16.6735 by changing the saturation by 10% instead.



85.9880, 8.3869,  
16.6735

85.9880, 8.3869,  
16.6735

255.0000, 0.0000,  
0.0000

62.2760, 8.2449,  
15.5439

136.1130, 8.8183,  
18.3179

39.8630, 7.9555,  
15.0291

162.5260, 9.1077,  
18.8327

17.9770, 8.3923,  
14.9292

189.9390, 9.3971,  
19.3475

1.1400, 4.3680,  
-0.9998

217.3520, 9.6865,  
19.8623

0.0000, 0.0000,  
0.0000

240.3250, 7.2348,  
12.8700

85.9880, 8.3869,  
16.6735

85.9880, 8.3869,  
16.6735

79.4170, 11.1334,  
22.4363

91.9720, 5.9298,  
11.4256

73.5470, 14.0273,  
27.5843

98.4290, 2.7465,  
5.7628

66.9760, 16.7738,  
33.3470

105.0000, 0.0000,  
0.0000

60.9920, 19.2309,  
38.5950

110.9840, -2.4571,  
-5.2480

54.5350, 22.4142,  
44.2578

117.4410, -5.6404,  
-10.9108

48.5510, 24.8714,  
49.5058


123.4250, -8.0975,  
-16.1587

42.5670, 27.3285,  
54.7537

129.9960,  
-10.8440, -21.9215

135.8660,

-13.7379, -27.0695

 142.4370,  
-16.4844, -32.8322

# Harmonies

## Analogous

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



84.5990, 14.9877, -0.5253



85.9880, 8.3869, 16.6735



85.8770, 0.0606, 27.2949

# Triad

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



85.9880, 8.3869, 16.6735



82.4950, -17.4990, 12.7209



67.7850, 15.8820, -54.1854

# Complementary

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



85.9880, 8.3869, 16.6735



92.0120, -8.3869, -16.6735

# 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.



73.3930, 3.7503, -36.3017



85.9880, 8.3869, 16.6735



80.2050, -14.3981, -1.9338

# Square

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



85.9880, 8.3869, 16.6735



83.8430, -15.2056, 23.8167



77.7560, -6.7817, -18.2030



72.4040, 20.5068, -44.2043



# Rectangle

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



85.9880, 8.3869, 16.6735



84.9930, -5.9125, 29.8241



77.7560, -6.7817, -18.2030



69.4930, 12.0820, -48.6674

# Sweetspot

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



85.9880, 8.3869, 16.6735



130.2550, 3.3253, 6.7924



77.2460, 13.6827, -1.9697



64.1900, 1.8783, 4.2184



196.0000, 0.0000, 0.0000



69.0000, 0.0000, 0.0000



# Same Dimension

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



85.9880, 8.3869, 16.6735



107.7210, 13.4485, 26.5547



84.1640, 1.3981, 18.2732



50.3640, 1.2995, 3.1888



47.5230, 30.8012, 60.9313



99.3610, 63.9120, 127.7254



# Inverse Universe

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



85.9880, 8.3869, 16.6735



107.7210, 13.4485, 26.5547



93.8360, -1.3981, -18.2732



50.3640, 1.2995, 3.1888



47.5230, 30.8012, 60.9313

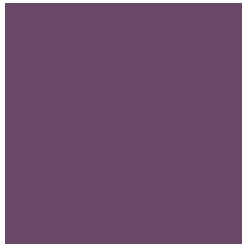


99.3610, 63.9120, 127.7254



# Previews

## White Background



This preview shows how the YUV color 85.9880, 8.3869, 16.6735 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 85.9880, 8.3869, 16.6735 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

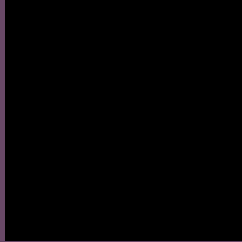
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# YUV 85.9880, 8.3869, 16.6735

## Background



This preview shows how black text looks on a background with the YUV color 85.9880, 8.3869, 16.6735.



This preview shows how white text looks on a background with the YUV color 85.9880, 8.3869,



# 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

85.9880, 8.3869, 16.6735

### Protanopia

83.9850, 12.8254, -7.0028

### Deuteranopia

84.4650, 8.1518, -1.2848



## Tritanopia

85.1590, -1.0644, 14.7696

# Trichromacy



## Original Color

85.9880, 8.3869, 16.6735

## Protanomaly

84.5840, 11.0511, 2.1188

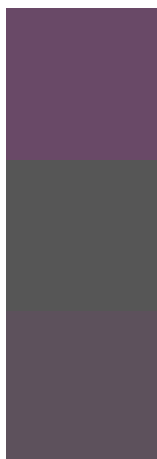
## Deuteranomaly

85.2100, 8.2775, 5.0778

## Tritanomaly

85.6690, 2.1352, 15.1993

# Monochromacy



## Original Color

85.9880, 8.3869, 16.6735

## Achromatopsia

86.0000, 0.0000, 0.0000

## Achromatomaly

85.8420, 3.0359, 6.2776

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 85.9880, 8.3869, 16.6735 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(105, 73, 103)` looks like.

```
.text, #text, p{  
    color:rgb(105, 73, 103)  
}
```

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(105, 73, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 73, 103) }
```

## Border

The CSS property to change the border of an element to YUV 85.9880, 8.3869, 16.6735 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(105, 73, 103) }
```



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

```
.border{ border-color:rgb(105, 73, 103) }
```

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

Here you see how a box with a 4 pixel rgb(105, 73, 103) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(105, 73, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(105, 73, 103);  
box-shadow:4px 4px 4px 4px rgb(105, 73,  
103) }
```

# Background

The CSS property to change the background color of an element to YUV 85.9880, 8.3869, 16.6735 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 73, 103) }
```

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

```
.background{ background-color: rgb(105, 73,  
103) }
```

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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