

# Converting Colors

YUV(85.0030, -0.9875, 36.8314)

Have a look what the booklet for  
YUV(85.0030, -0.9875, 36.8314)  
contains.

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# Color

**YUV(85.0030, -0.9875,  
36.8314)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7F4053
RGB	127, 64, 83
RGB Percent	50%, 25%, 33%
CMY	0.5020, 0.7490, 0.6745
CMYK	0.00, 0.50, 0.35, 0.50
HSL	342°, 33%, 37%
HSV	342°, 50%, 50%
XYZ	12.1471, 8.8034, 9.2426
YIQ	85.0030, 31.4490, 19.2650

# Conversions

## Conversions Part 2

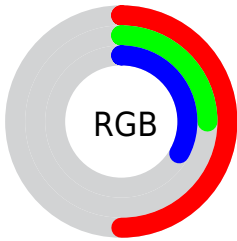
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	127, 64, 83
Decimal	8339539
CIE <sub>Lab</sub>	35.60, 29.43, 1.07
CIE <sub>LCh</sub>	36, 29.447, 2.089
Yxy	8.8034, 0.4023, 0.2916
Android (android.graphics.Color)	4286529619 (0xFF7F4053)
YUV	85.0030, -0.9875, 36.8314
Hunter-Lab	29.6704, 21.1549, 2.2999

# Details

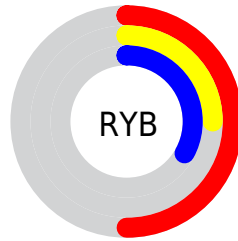
The YUV color **85.0030, -0.9875, 36.8314** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **105.9970, 0.9875, -36.8314**, and the grayscale version is **85.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **136.3840, -2.1613, 40.0052**, and **36.1490, 0.9125, 34.0723** is the 20% darker color. If you saturate the color by 10%, you get **76.3460, -1.1566, 44.4236**, and if you desaturate by 10%, it is **93.6600, -0.8184, 29.2392**.

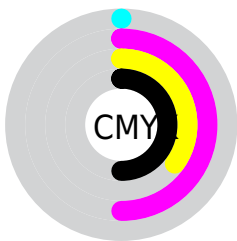
# Distribution



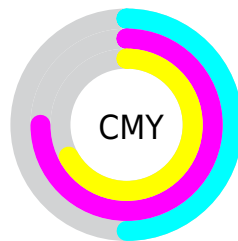
- Red (50%)
- Green (25%)
- Blue (33%)



- Red (50%)
- Yellow (25%)
- Blue (33%)



- Cyan (0%)
- Magenta (50%)
- Yellow (35%)
- Black (50%)



- Cyan (50%)
- Magenta (75%)
- Yellow (67%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 85.0030, -0.9875, 36.8314 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 85.0030, -0.9875, 36.8314 by changing the saturation by 10% instead.



85.0030, -0.9875,  
36.8314

85.0030, -0.9875,  
36.8314

255.0000, 0.0000,  
0.0000

60.5190, -0.2559,  
35.5018

136.3840, -2.1613,  
40.0052

36.1490, 0.9125,  
34.0723

162.9820, -2.4561,  
41.2348

17.3010, 0.3446,  
29.5540

189.9930, -2.4615,  
42.9791

6.5780, -3.2430,  
13.5251

214.4050, -0.6927,  
35.6018

0.0000, 0.0000,  
0.0000

234.0330, 3.4347,  
18.3881

252.6520, 1.1576,

2.0592

■ 85.0030, -0.9875,  
36.8314

■ 85.0030, -0.9875,  
36.8314

■ 76.3460, -1.1566,  
44.4236

■ 93.6600, -0.8184,  
29.2392

■ 68.2760, -1.6151,  
51.5009

■ 101.7300, -0.3599,  
22.1618

■ 59.6190, -1.7842,  
59.0931

■ 110.3870, -0.1908,  
14.5696

■ 51.0760, -1.5165,  
66.5853

■ 118.9300, -0.4585,  
7.0774

■ 42.4190, -1.6856,  
74.1775

■ 127.5870, -0.2894,  
-0.5148

■ 42.3050, -2.1224,  
74.2775

■ 135.6570, 0.1691,  
-7.5922

■ 144.3140, 0.3382,  
-15.1844

■ 152.9710, 0.5073,  
-22.7766

■ 161.0410, 0.9658,  
-29.8540

# Harmonies

## Analogous

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



86.0860, 9.8176, 24.4806



85.0030, -0.9875, 36.8314



84.1420, -11.9020, 37.5865

# Triad

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



85.0030, -0.9875, 36.8314



79.1460, -18.3130, -6.2670



68.2540, 27.9758, -59.8588

# Complementary

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



85.0030, -0.9875, 36.8314



105.9970, 0.9875, -36.8314

# 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.



68.0770, 19.6820, -59.7035



85.0030, -0.9875, 36.8314



74.3910, -6.6018, -29.2839

# Square

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



85.0030, -0.9875, 36.8314



81.4150, -22.8826, 12.7910



66.0420, 9.3463, -57.9188



79.1700, 25.5522, -29.0901



# Rectangle

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



85.0030, -0.9875, 36.8314



83.5020, -17.9955, 32.0087



66.0420, 9.3463, -57.9188



68.2710, 25.5024, -59.8737

# Sweetspot

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



85.0030, -0.9875, 36.8314



149.2730, -0.6276, 14.6696



84.0390, 21.1798, 20.1368



74.0550, -0.0271, 8.7218



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.



85.0030, -0.9875, 36.8314



99.3200, -1.6368, 58.4784



89.8810, -12.7593, 32.5534



59.3210, -0.1583, 4.1035



42.6040, -2.2698, 74.8923



0.0000, 0.0000, 0.0000



# Inverse Universe

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



85.0030, -0.9875, 36.8314



99.3200, -1.6368, 58.4784



101.1190, 12.7593, -32.5534



59.3210, -0.1583, 4.1035



42.6040, -2.2698, 74.8923

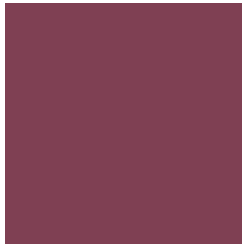


0.0000, 0.0000, 0.0000



# Previews

## White Background



This preview shows how the YUV color 85.0030, -0.9875, 36.8314 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

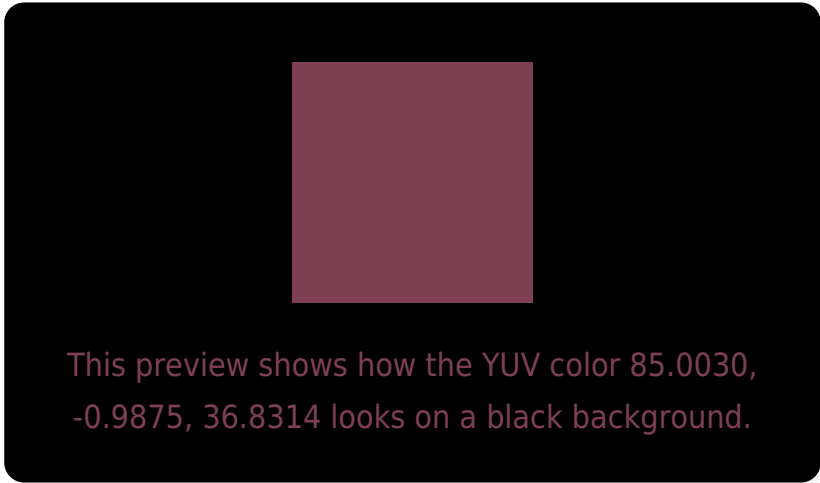
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass



# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

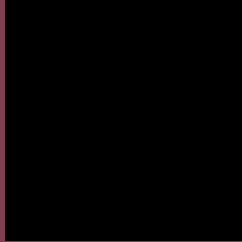
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

**YUV 85.0030, -0.9875, 36.8314**

## **Background**



This preview shows how black text looks on a background with the YUV color 85.0030, -0.9875, 36.8314.



This preview shows how white text looks on a background with the YUV color 85.0030, -0.9875,



# 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

85.0030, -0.9875, 36.8314

### Protanopia

84.9550, 4.9522, -1.7145

### Deuteranopia

84.7730, -2.3531, 8.0921



## Tritanopia

84.5100, -6.6604, 36.3867

# Trichromacy



## Original Color

85.0030, -0.9875, 36.8314

## Protanomaly

85.1740, 2.8722, 12.1254

## Deuteranomaly

84.9530, -1.9488, 18.4582

## Tritanomaly

84.3790, -4.6238, 36.5016

# Monochromacy



## Original Color

85.0030, -0.9875, 36.8314

## Achromatopsia

85.0000, 0.0000, 0.0000

## Achromatomaly

84.6750, -0.3328, 13.4400

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 85.0030, -0.9875, 36.8314 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(127, 64, 83)` looks like.

```
.text, #text, p{  
    color:rgb(127, 64, 83)  
}
```

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(127, 64, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 64, 83) }
```

## Border

The CSS property to change the border of an element to YUV 85.0030, -0.9875, 36.8314 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(127, 64, 83) }
```



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

```
.border{ border-color:rgb(127, 64, 83) }
```

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

Here you see how a box with a 4 pixel rgb(127, 64, 83) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 64, 83); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 64, 83);  
box-shadow:4px 4px 4px 4px rgb(127, 64,  
83) }
```

# Background

The CSS property to change the background color of an element to YUV 85.0030, -0.9875, 36.8314 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 64, 83) }
```

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

```
.background{ background-color: rgb(127, 64,  
83) }
```

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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