

# Converting Colors

YUV(97.6670, 15.4472, 38.8800)

Have a look what the booklet for  
YUV(97.6670, 15.4472, 38.8800)  
contains.

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# Color

**YUV(97.6670, 15.4472,  
38.8800)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	8E4581
RGB	142, 69, 129
RGB Percent	56%, 27%, 51%
CMY	0.4431, 0.7294, 0.4941
CMYK	0.00, 0.51, 0.09, 0.44
HSL	311°, 35%, 41%
HSV	311°, 51%, 56%
XYZ	17.2459, 11.5920, 22.0974
YIQ	97.6670, 24.2480, 34.1360

# Conversions

## Conversions Part 2

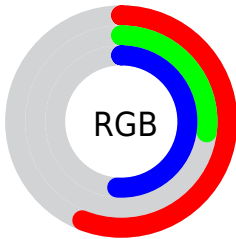
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	142, 69, 129
Decimal	9323905
CIE <sub>Lab</sub>	40.56, 39.27, -20.01
CIE <sub>LCh</sub>	41, 44.077, 332.994
Yxy	11.5920, 0.3386, 0.2276
Android (android.graphics.Color)	4287513985 (0xFF8E4581)
YUV	97.6670, 15.4472, 38.8800
Hunter-Lab	34.0470, 30.8336, -14.6478

# Details

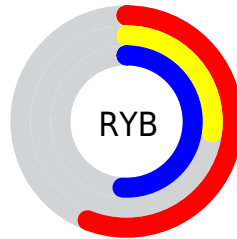
The YUV color **97.6670, 15.4472, 38.8800** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **113.3330, -15.4472, -38.8800**, and the grayscale version is **98.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **150.0910, 15.7311, 41.1392**, and **45.7100, 16.9050, 37.9653** is the 20% darker color. If you saturate the color by 10%, you get **89.1070, 18.1882, 46.3872**, and if you desaturate by 10%, it is **106.2270, 12.7061, 31.3729**.

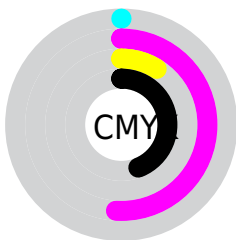
# Distribution



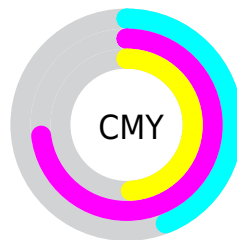
- Red (56%)
- Green (27%)
- Blue (51%)



- Red (56%)
- Yellow (27%)
- Blue (51%)



- Cyan (0%)
- Magenta (51%)
- Yellow (9%)
- Black (44%)



- Cyan (44%)
- Magenta (73%)
- Yellow (49%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 97.6670, 15.4472, 38.8800 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 97.6670, 15.4472, 38.8800 by changing the saturation by 10% instead.



97.6670, 15.4472,  
38.8800

97.6670, 15.4472,  
38.8800

255.0000, 0.0000,  
0.0000

72.0690, 15.7420,  
37.6505

150.0910, 15.7311,  
41.1392

45.7100, 16.9050,  
37.9653

177.8030, 15.8731,  
42.2688

25.5200, 15.0266,  
33.7470

205.5150, 16.0151,  
43.3983

16.8470, 8.9494,  
22.9362

223.8890, 15.3377,  
27.2843

1.0260, 3.9312,  
-0.8998

240.3250, 7.2348,  
12.8700

0.0000, 0.0000,  
0.0000

97.6670, 15.4472,  
38.8800

97.6670, 15.4472,  
38.8800

89.1070, 18.1882,  
46.3872

106.2270, 12.7061,  
31.3729

80.6610, 21.3661,  
53.7943

114.6730, 9.5282,  
23.9658

71.5140, 24.3966,  
61.8162

123.8200, 6.4977,  
15.9439

63.0680, 27.5745,  
69.2234

132.2660, 3.3199,  
8.5367

55.7960, 30.1736,  
75.6009

140.8260, 0.5788,  
1.0296

149.2720, -2.5991,  
-6.3775

157.8320, -5.3402,  
-13.8847

166.8650, -8.8074,

-21.8066

■ 175.4250,  
-11.5485, -29.3137

# Harmonies

## Analogous

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



97.2910, 28.9435, 3.2528



97.6670, 15.4472, 38.8800



94.2490, -0.6158, 57.6636

# Triad

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



97.6670, 15.4472, 38.8800



90.5500, -37.7391, 17.9347



81.0200, 26.1191, -71.0545

# Complementary

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



97.6670, 15.4472, 38.8800



113.3330, -15.4472, -38.8800

# 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.



77.5030, 10.1050, -67.9701



97.6670, 15.4472, 38.8800



87.1810, -28.1902, -11.5597

# Square

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



97.6670, 15.4472, 38.8800



92.7130, -31.4105, 41.4707



72.4210, -5.6306, -60.8822



81.6360, 38.6335, -71.5948



# Rectangle

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



97.6670, 15.4472, 38.8800



93.3880, -11.5303, 58.4187



72.4210, -5.6306, -60.8822



80.3530, 21.0250, -70.4696

# Sweetspot

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



97.6670, 15.4472, 38.8800



166.9940, 5.9190, 14.9143



80.9100, 30.1174, 0.0789



81.6790, 3.6093, 9.0515



219.0000, 0.0000, 0.0000



92.0000, 0.0000, 0.0000



# Same Dimension

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



97.6670, 15.4472, 38.8800



114.6880, 23.8178, 60.7866



93.5630, -0.2776, 42.4792



66.7770, 1.5889, 3.7036



53.0190, 28.5846, 71.8973



3.0760, 1.4415, 4.3183



# Inverse Universe

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



97.6670, 15.4472, 38.8800



114.6880, 23.8178, 60.7866



117.4370, 0.2776, -42.4792



66.7770, 1.5889, 3.7036



53.0190, 28.5846, 71.8973

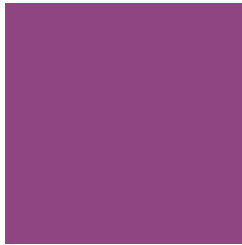


3.0760, 1.4415, 4.3183



# Previews

## White Background



This preview shows how the YUV color 97.6670, 15.4472, 38.8800 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 97.6670, 15.4472, 38.8800 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

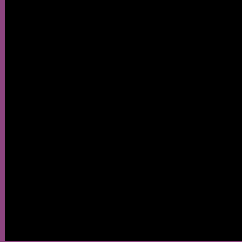
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# YUV 97.6670, 15.4472, 38.8800

## Background



This preview shows how black text looks on a background with the YUV color 97.6670, 15.4472, 38.8800.



This preview shows how white text looks on a background with the YUV color 97.6670, 15.4472,



# 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

97.6670, 15.4472, 38.8800

### Protanopia

94.8880, 26.6772, -16.5648

### Deuteranopia

96.9250, 13.8410, -6.0732



## Tritanopia

97.0260, -5.9288, 35.0572

# Trichromacy



## Original Color

97.6670, 15.4472, 38.8800

## Protanomaly

95.9830, 22.6864, 3.5229

## Deuteranomaly

97.4370, 14.0816, 10.1408

## Tritanomaly

97.1000, 1.9227, 36.7463

# Monochromacy



## Original Color

97.6670, 15.4472, 38.8800

## Achromatopsia

98.0000, 0.0000, 0.0000

## Achromatomaly

97.5810, 5.6296, 14.3995

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 97.6670, 15.4472, 38.8800 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(142, 69, 129)` looks like.

```
.text, #text, p{  
    color:rgb(142, 69, 129)  
}
```

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(142, 69, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 69, 129) }
```

## Border

The CSS property to change the border of an element to YUV 97.6670, 15.4472, 38.8800 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(142, 69, 129) }
```



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

```
.border{ border-color:rgb(142, 69, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 69, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 69, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 69, 129);  
box-shadow:4px 4px 4px 4px rgb(142, 69,  
129) }
```

# Background

The CSS property to change the background color of an element to YUV 97.6670, 15.4472, 38.8800 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 69, 129) }
```

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

```
.background{ background-color: rgb(142, 69,  
129) }
```

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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