

# Converting Colors

YUV(57.0330, -2.9743, 67.5001)

Have a look what the booklet for  
YUV(57.0330, -2.9743, 67.5001)  
contains.

<b>YUV(57.0330, -2.9743, 67.5001)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**YUV(57.0330, -2.9743,  
67.5001)**

# Conversions

## Conversions Part 1

Format	Color
Hex	861333
RGB	134, 19, 51
RGB Percent	53%, 7%, 20%
CMY	0.4745, 0.9255, 0.8000
CMYK	0.00, 0.86, 0.62, 0.47
HSL	343°, 75%, 30%
HSV	343°, 86%, 53%
XYZ	10.6619, 5.7731, 3.6843
YIQ	57.0330, 58.2680, 34.3320

# Conversions

## Conversions Part 2

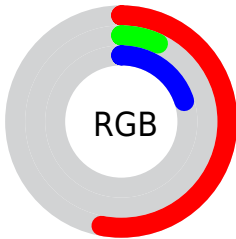
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	134, 19, 51
Decimal	8786739
CIE <sub>Lab</sub>	28.83, 47.90, 12.61
CIE <sub>LCh</sub>	29, 49.528, 14.749
Yxy	5.7731, 0.5299, 0.2869
Android (android.graphics.Color)	4286976819 (0xFF861333)
YUV	57.0330, -2.9743, 67.5001
Hunter-Lab	24.0273, 37.1604, 7.7276

# Details

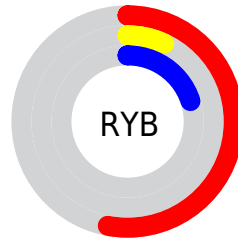
The YUV color **57.0330, -2.9743, 67.5001** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **95.9670, 2.9743, -67.5001**, and the grayscale version is **57.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **113.6650, -8.2158, 68.6998**, and **23.8920, -9.3138, 47.4527** is the 20% darker color. If you saturate the color by 10%, you get **48.2620, -3.5802, 75.1922**, and if you desaturate by 10%, it is **65.8040, -2.3684, 59.8079**.

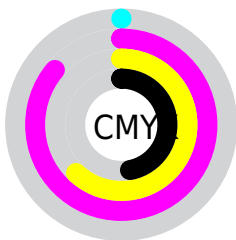
# Distribution



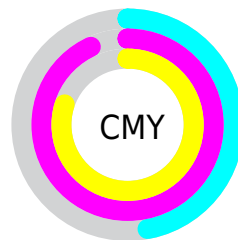
- Red (53%)
- Green (7%)
- Blue (20%)



- Red (53%)
- Yellow (7%)
- Blue (20%)



- Cyan (0%)
- Magenta (86%)
- Yellow (62%)
- Black (47%)



- Cyan (47%)
- Magenta (93%)
- Yellow (80%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 57.0330, -2.9743, 67.5001 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 57.0330, -2.9743, 67.5001 by changing the saturation by 10% instead.



■ 57.0330, -2.9743,  
67.5001

■ 57.0330, -2.9743,  
67.5001

255.0000, 0.0000,  
0.0000

■ 34.8150, -2.3738,  
61.5522

■ 113.6650, -8.2158,  
68.6998

■ 23.8920, -9.3138,  
47.4527

■ 141.3340, -9.5317,  
70.7441

■ 15.7760, -6.7916,  
31.7684

■ 169.3020,  
-10.9949, 73.4031

■ 0.0000, 0.0000,  
0.0000

■ 188.8270, -7.3097,  
58.0337

■ 208.3410, -3.6191,  
40.9199

■ 228.5560, 0.2189,

23.1914

248.5430, 3.1833,  
5.6628

57.0330, -2.9743,  
67.5001

57.0330, -2.9743,  
67.5001

48.2620, -3.5802,  
75.1922

65.8040, -2.3684,  
59.8079

44.2840, -3.5910,  
78.6809

75.0480, -2.4887,  
51.7009

83.8190, -1.8828,  
44.0087

93.1770, -1.5663,  
35.8018

101.8340, -1.3972,  
28.2096

■ 110.6050, -0.7913,  
20.5174

■ 119.9630, -0.4748,  
12.3104

■ 128.6200, -0.3057,  
4.7183

■ 137.9780, 0.0108,  
-3.4887

# Harmonies

## Analogous

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



61.6090, 13.5038, 55.5939



57.0330, -2.9743, 67.5001



61.8530, -23.5915, 53.6259

# Triad

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



57.0330, -2.9743, 67.5001



51.0750, -24.1940, -33.3918



61.9740, 39.4528, -54.3512

# Complementary

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



57.0330, -2.9743, 67.5001



95.9670, 2.9743, -67.5001

# 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.



62.6290, 29.2699, -54.9256



57.0330, -2.9743, 67.5001



53.9650, -3.9267, -47.3273

# Square

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



57.0330, -2.9743, 67.5001



62.2970, -30.7124, 4.1245



59.6990, 12.9664, -52.3560



55.0440, 43.3623, -48.2736



# Rectangle

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



57.0330, -2.9743, 67.5001



63.7020, -31.4051, 39.7263



59.6990, 12.9664, -52.3560



62.6920, 37.1268, -54.9809

# Sweetspot

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



57.0330, -2.9743, 67.5001



142.9370, -0.9549, 26.3653



56.6280, 38.1444, 38.9142



68.8710, -0.9224, 15.8991



214.0000, 0.0000, 0.0000



87.0000, 0.0000, 0.0000



# Same Dimension

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



57.0330, -2.9743, 67.5001



57.1990, -4.5351, 101.5575



68.0600, -24.1866, 57.8294



62.0220, -0.0108, 3.4887



42.9740, -3.4382, 76.3218



1.0110, -0.0054, 1.7444



# Inverse Universe

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



57.0330, -2.9743, 67.5001



57.1990, -4.5351, 101.5575



84.9400, 24.1866, -57.8294



62.0220, -0.0108, 3.4887



42.9740, -3.4382, 76.3218

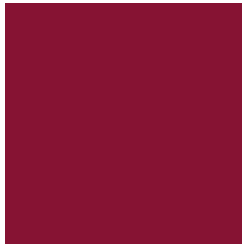


1.0110, -0.0054, 1.7444



# Previews

## White Background



This preview shows how the YUV color 57.0330, -2.9743, 67.5001 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

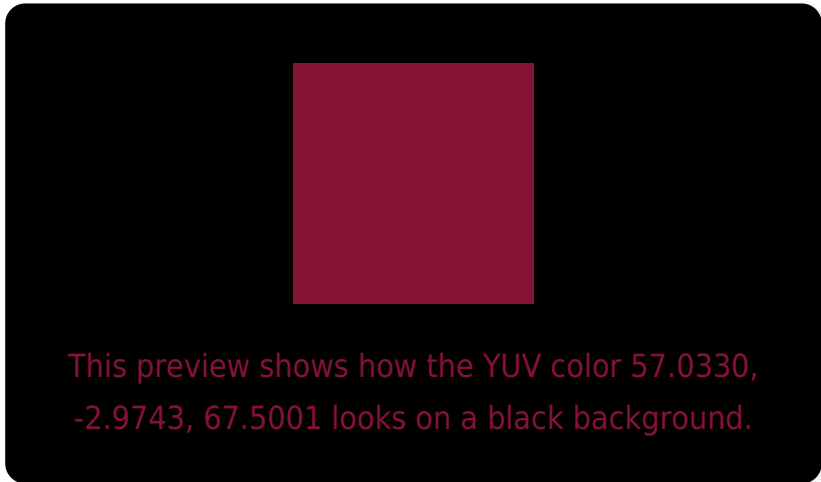
Any Text WCAG AA ✓ Pass

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

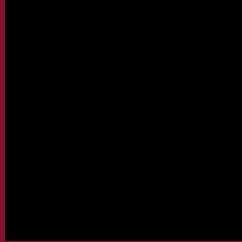
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# YUV 57.0330, -2.9743, 67.5001

## Background



This preview shows how black text looks on a background with the YUV color 57.0330, -2.9743, 67.5001.



This preview shows how white text looks on a background with the YUV color 57.0330, -2.9743,



# 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

57.0330, -2.9743, 67.5001

### Protanopia

70.5270, 0.7262, 0.4148

### Deuteranopia

69.5750, -12.1155, 12.6507



## Tritanopia

57.9930, -15.7725, 65.7811

# Trichromacy



## Original Color

57.0330, -2.9743, 67.5001

## Protanomaly

65.3390, -0.6601, 25.1357

## Deuteranomaly

65.2060, -8.9756, 32.2683

## Tritanomaly

57.2580, -10.9732, 66.4257

# Monochromacy



## Original Color

57.0330, -2.9743, 67.5001

## Achromatopsia

57.0000, 0.0000, 0.0000

## Achromatomaly

56.9260, -0.9495, 24.6209

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 57.0330, -2.9743, 67.5001 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(134, 19, 51)` looks like.

```
.text, #text, p{  
    color:rgb(134, 19, 51)  
}
```

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(134, 19, 51) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 19, 51) }
```

## Border

The CSS property to change the border of an element to YUV 57.0330, -2.9743, 67.5001 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(134, 19, 51) }
```



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

```
.border{ border-color:rgb(134, 19, 51) }
```

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

Here you see how a box with a 4 pixel rgb(134, 19, 51) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 19, 51); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 19, 51);  
box-shadow:4px 4px 4px 4px rgb(134, 19,  
51) }
```

# Background

The CSS property to change the background color of an element to YUV 57.0330, -2.9743, 67.5001 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 19, 51) }
```

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

```
.background{ background-color: rgb(134, 19,  
51) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor