

# Converting Colors

YUV(92.7390, -3.8153, 57.2339)

Have a look what the booklet for  
YUV(92.7390, -3.8153, 57.2339)  
contains.

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# Color

**YUV(92.7390, -3.8153,  
57.2339)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9E3D55
RGB	158, 61, 85
RGB Percent	62%, 24%, 33%
CMY	0.3804, 0.7608, 0.6667
CMYK	0.00, 0.61, 0.46, 0.38
HSL	345°, 44%, 43%
HSV	345°, 61%, 62%
XYZ	17.4090, 11.2625, 9.8506
YIQ	92.7390, 50.1080, 28.0280

# Conversions

## Conversions Part 2

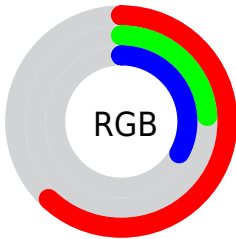
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	158, 61, 85
Decimal	10370389
CIE <sub>Lab</sub>	40.02, 42.49, 6.80
CIE <sub>LCh</sub>	40, 43.034, 9.093
Yxy	11.2625, 0.4519, 0.2924
Android (android.graphics.Color)	4288560469 (0xFF9E3D55)
YUV	92.7390, -3.8153, 57.2339
Hunter-Lab	33.5596, 33.8673, 6.0885

# Details

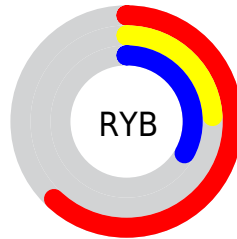
The YUV color **92.7390, -3.8153, 57.2339** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **126.2610, 3.8153, -57.2339**, and the grayscale version is **93.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **146.1910, -6.0102, 61.2225**, and **35.0580, 2.4364, 58.7081** is the 20% darker color. If you saturate the color by 10%, you get **81.9790, -4.4266, 66.6704**, and if you desaturate by 10%, it is **103.4990, -3.2040, 47.7974**.

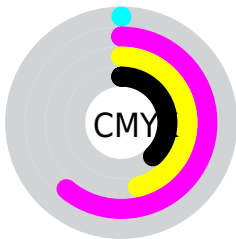
# Distribution



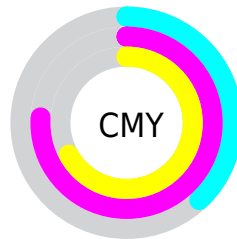
- Red (62%)
- Green (24%)
- Blue (33%)



- Red (62%)
- Yellow (24%)
- Blue (33%)



- Cyan (0%)
- Magenta (61%)
- Yellow (46%)
- Black (38%)



- Cyan (38%)
- Magenta (76%)
- Yellow (67%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 92.7390, -3.8153, 57.2339 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 92.7390, -3.8153, 57.2339 by changing the saturation by 10% instead.



92.7390, -3.8153,  
57.2339

92.7390, -3.8153,  
57.2339

255.0000, 0.0000,  
0.0000

65.8960, -1.9207,  
56.2192

146.1910, -6.0102,  
61.2225

35.0580, 2.4364,  
58.7081

174.0880, -6.4524,  
63.0668

24.7050, -2.3196,  
44.1087

195.7060, -3.7991,  
52.0008

15.7760, -6.7916,  
31.7684

215.2200, -0.1085,  
34.8871

0.0000, 0.0000,  
0.0000

234.9620, 4.4557,  
17.5733

253.2390, 0.8682,

1.5444

■ 92.7390, -3.8153,  
57.2339

■ 92.7390, -3.8153,  
57.2339

■ 81.9790, -4.4266,  
66.6704

■ 103.4990, -3.2040,  
47.7974

■ 71.2190, -5.0380,  
76.1069

■ 114.2590, -2.5927,  
38.3609

■ 61.0460, -5.9387,  
85.0287

■ 124.4320, -1.6920,  
29.4391

■ 51.6880, -6.2552,  
93.2356

■ 135.1920, -1.0807,  
20.0026

■ 145.8380, -0.9061,  
10.6661

■ 156.5980, -0.2948,  
1.2296

■ 167.3580, 0.3165,  
-8.2070

■ 177.5310, 1.2172,  
-17.1287

■ 188.2910, 1.8285,  
-26.5652

# Harmonies

## Analogous

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



95.7770, 11.9419, 43.1686



92.7390, -3.8153, 57.2339



91.8790, -19.6603, 52.7261

# Triad

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



92.7390, -3.8153, 57.2339



85.1740, -24.2428, -17.6926



79.8750, 39.5016, -70.0504

# Complementary

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



92.7390, -3.8153, 57.2339



126.2610, 3.8153, -57.2339

# 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.



80.3020, 28.4451, -70.4249



92.7390, -3.8153, 57.2339



71.7350, -1.8414, -62.9116

# Square

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



92.7390, -3.8153, 57.2339



88.9730, -35.9757, 12.3017



77.0130, 13.3046, -67.5404



86.4210, 38.2464, -40.7112



# Rectangle

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



92.7390, -3.8153, 57.2339



91.9950, -29.0845, 42.1004



77.0130, 13.3046, -67.5404



80.3650, 36.3021, -70.4801

# Sweetspot

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



92.7390, -3.8153, 57.2339



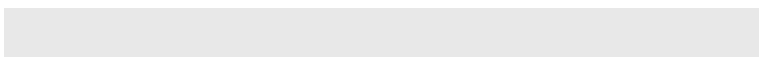
181.5020, -1.2335, 22.3617



93.8850, 31.6087, 35.1809



89.4470, -1.2064, 13.6400



232.0000, 0.0000, 0.0000



105.0000, 0.0000, 0.0000



# Same Dimension

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



92.7390, -3.8153, 57.2339



104.0790, -5.9549, 90.2617



104.0910, -21.2439, 47.2782



73.6200, -0.3057, 4.7183



46.7470, -5.7913, 84.4139



4.9410, -0.4639, 8.8217



# Inverse Universe

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



92.7390, -3.8153, 57.2339



104.0790, -5.9549, 90.2617



114.9090, 21.2439, -47.2782



73.6200, -0.3057, 4.7183



46.7470, -5.7913, 84.4139

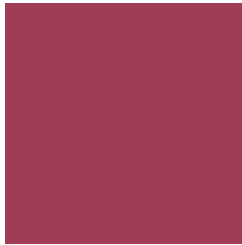


4.9410, -0.4639, 8.8217



# Previews

## White Background



This preview shows how the YUV color 92.7390, -3.8153, 57.2339 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 92.7390, -3.8153, 57.2339 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

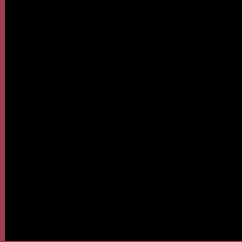
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

**YUV 92.7390, -3.8153, 57.2339**

## **Background**



This preview shows how black text looks on a background with the YUV color 92.7390, -3.8153, 57.2339.



This preview shows how white text looks on a background with the YUV color 92.7390, -3.8153,



# 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

92.7390, -3.8153, 57.2339

### Protanopia

95.0260, 3.9312, -0.8998

### Deuteranopia

95.1280, -7.4581, 12.1657



## Tritanopia

92.2630, -11.9617, 56.7743

# Trichromacy



## Original Color

92.7390, -3.8153, 57.2339

## Protanomaly

94.0610, 0.9559, 20.1175

## Deuteranomaly

94.2810, -6.0545, 28.6946

## Tritanomaly

92.3600, -9.0515, 56.6893

# Monochromacy



## Original Color

92.7390, -3.8153, 57.2339

## Achromatopsia

93.0000, 0.0000, 0.0000

## Achromatomaly

92.7900, -1.3755, 21.2322

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 92.7390, -3.8153, 57.2339 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(158, 61, 85)` looks like.

```
.text, #text, p{  
    color:rgb(158, 61, 85)  
}
```

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(158, 61, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 61, 85) }
```

## Border

The CSS property to change the border of an element to YUV 92.7390, -3.8153, 57.2339 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(158, 61, 85) }
```



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

```
.border{ border-color:rgb(158, 61, 85) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 61, 85)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 61, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 61, 85);  
box-shadow:4px 4px 4px 4px rgb(158, 61,  
85) }
```

# Background

The CSS property to change the background color of an element to YUV 92.7390, -3.8153, 57.2339 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 61, 85) }
```

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

```
.background{ background-color: rgb(158, 61,  
85) }
```

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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