

# Converting Colors

YUV(60.0990, -9.9088, 51.6562)

Have a look what the booklet for  
YUV(60.0990, -9.9088, 51.6562)  
contains.

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# Color

**YUV(60.0990, -9.9088,  
51.6562)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	772228
RGB	119, 34, 40
RGB Percent	47%, 13%, 16%
CMY	0.5333, 0.8667, 0.8431
CMYK	0.00, 0.71, 0.66, 0.53
HSL	356°, 56%, 30%
HSV	356°, 71%, 47%
XYZ	8.5628, 5.2192, 2.5636
YIQ	60.0990, 48.7340, 19.8860

# Conversions

## Conversions Part 2

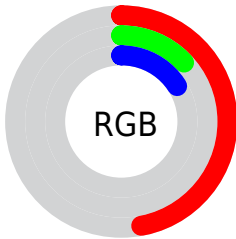
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	119, 34, 40
Decimal	7807528
CIE Lab	27.35, 37.29, 17.42
CIE LCh	27, 41.158, 25.039
Yxy	5.2192, 0.5239, 0.3193
Android (android.graphics.Color)	4285997608 (0xFF772228)
YUV	60.0990, -9.9088, 51.6562
Hunter-Lab	22.8456, 26.9241, 9.3388

# Details

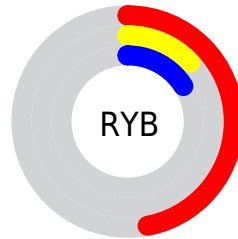
The YUV color **60.0990, -9.9088, 51.6562** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **92.9010, 9.9088, -51.6562**, and the grayscale version is **60.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **111.6220, -13.1246, 56.4595**, and **19.4350, -9.5815, 39.9605** is the 20% darker color. If you saturate the color by 10%, you get **51.8010, -11.2409, 58.9335**, and if you desaturate by 10%, it is **68.3970, -8.5767, 44.3788**.

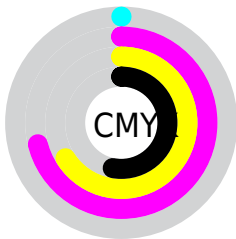
# Distribution



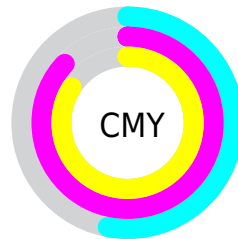
- Red (47%)
- Green (13%)
- Blue (16%)



- Red (47%)
- Yellow (13%)
- Blue (16%)



- Cyan (0%)
- Magenta (71%)
- Yellow (66%)
- Black (53%)



- Cyan (53%)
- Magenta (87%)
- Yellow (84%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 60.0990, -9.9088, 51.6562 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 60.0990, -9.9088, 51.6562 by changing the saturation by 10% instead.



60.0990, -9.9088,  
51.6562

60.0990, -9.9088,  
51.6562

255.0000, 0.0000,  
0.0000

31.8370, -5.8356,  
51.8860

111.6220,  
-13.1246, 56.4595

19.4350, -9.5815,  
39.9605

138.2910,  
-14.4405, 58.5038

11.7750, -5.3121,  
23.8763

165.4870,  
-15.0301, 60.9629

0.0000, 0.0000,  
0.0000

190.2800,  
-14.4350, 56.7594

209.7940,  
-10.7444, 39.6457

229.3080, -7.0538,

22.5319

249.6370, -2.7790,  
4.7034

60.0990, -9.9088,  
51.6562

60.0990, -9.9088,  
51.6562

51.8010, -11.2409,  
58.9335

68.3970, -8.5767,  
44.3788

43.5030, -12.5730,  
66.2109

76.6950, -7.2446,  
37.1015

36.4930, -14.0470,  
72.3586

84.9930, -5.9125,  
29.8241

93.2910, -4.5805,  
22.5468

101.5890, -3.2484,  
15.2694

■ 109.3000, -1.6269,  
8.5069

■ 117.5980, -0.2948,  
1.2296

■ 125.8960, 1.0373,  
-6.0478

■ 134.3080, 2.8062,  
-13.4251

# Harmonies

## Analogous

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



61.2740, 4.7949, 48.8717



60.0990, -9.9088, 51.6562



61.1240, -24.7111, 39.3563

# Triad

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



60.0990, -9.9088, 51.6562



47.5760, -10.6370, -41.7242



55.6820, 35.6528, -48.8331

# Complementary

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



60.0990, -9.9088, 51.6562



92.9010, 9.9088, -51.6562

# 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.



57.8360, 28.6749, -50.7222



60.0990, -9.9088, 51.6562



52.3980, 2.7618, -45.9530

# Square

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



60.0990, -9.9088, 51.6562



57.5240, -28.3593, -3.9675



56.6330, 16.4499, -49.6671



64.0890, 28.5501, -10.6021



# Rectangle

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



60.0990, -9.9088, 51.6562



60.9670, -30.0567, 27.2159



56.6330, 16.4499, -49.6671



57.2150, 33.9110, -50.1776

# Sweetspot

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



60.0990, -9.9088, 51.6562



133.0950, -3.9908, 20.0877



67.0120, 25.6301, 39.4545



65.2080, -2.0745, 12.0956



207.0000, 0.0000, 0.0000



79.0000, 0.0000, 0.0000



# Same Dimension

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



60.0990, -9.9088, 51.6562



63.0920, -15.8214, 81.4803



79.9600, -22.6583, 34.2381



54.7940, -0.8844, 3.6887



37.5040, -14.0525, 74.1030



76.8020, -28.9894, 151.8946



# Inverse Universe

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



60.0990, -9.9088, 51.6562



63.0920, -15.8214, 81.4803



73.0400, 22.6583, -34.2381



54.7940, -0.8844, 3.6887



37.5040, -14.0525, 74.1030

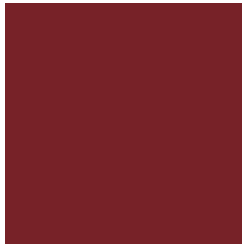


76.8020, -28.9894, 151.8946



# Previews

## White Background



This preview shows how the YUV color 60.0990, -9.9088, 51.6562 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

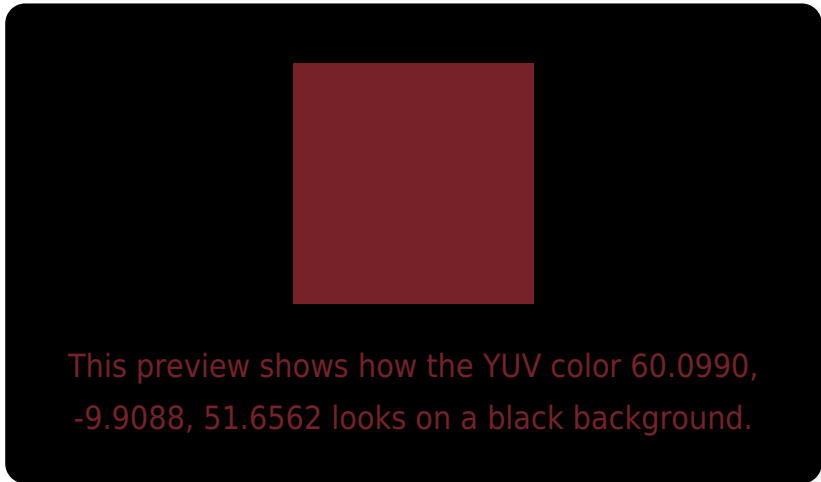
Any Text WCAG AA ✓ Pass

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

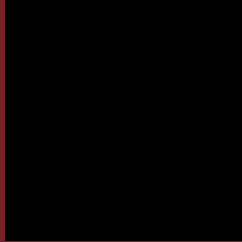
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# YUV 60.0990, -9.9088, 51.6562

## Background



This preview shows how black text looks on a background with the YUV color 60.0990, -9.9088, 51.6562.



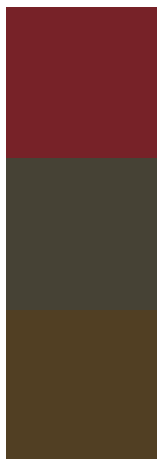
This preview shows how white text looks on a background with the YUV color 60.0990, -9.9088,



# 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

60.0990, -9.9088, 51.6562

### Protanopia

65.7140, -6.2680, 3.7588

### Deuteranopia

65.1900, -14.8837, 13.8654



## Tritanopia

60.2300, -11.9454, 51.5413

# Trichromacy



## Original Color

60.0990, -9.9088, 51.6562

## Protanomaly

63.4820, -7.6326, 21.5023

## Deuteranomaly

63.1470, -12.8905, 27.9351

## Tritanomaly

60.3440, -11.5086, 51.4413

# Monochromacy



## Original Color

60.0990, -9.9088, 51.6562

## Achromatopsia

60.0000, 0.0000, 0.0000

## Achromatomaly

60.1980, -3.5486, 18.2434

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 60.0990, -9.9088, 51.6562 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(119, 34, 40)` looks like.

```
.text, #text, p{  
    color:rgb(119, 34, 40)  
}
```

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(119, 34, 40) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 34, 40) }
```

## Border

The CSS property to change the border of an element to YUV 60.0990, -9.9088, 51.6562 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(119, 34, 40) }
```



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

```
.border{ border-color:rgb(119, 34, 40) }
```

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

Here you see how a box with a 4 pixel rgb(119, 34, 40) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 34, 40); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 34, 40);  
box-shadow:4px 4px 4px 4px rgb(119, 34,  
40) }
```

# Background

The CSS property to change the background color of an element to YUV 60.0990, -9.9088, 51.6562 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 34, 40) }
```

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

```
.background{ background-color: rgb(119, 34,  
40) }
```

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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