

# Converting Colors

YUV(74.9680, -11.3232,  
38.6161)

Have a look what the booklet for  
YUV(74.9680, -11.3232, 38.6161)  
contains.

<b>YUV(74.9680, -11.3232, 38.6161)</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(74.9680, -11.3232,  
38.6161)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	773934
RGB	119, 57, 52
RGB Percent	47%, 22%, 20%
CMY	0.5333, 0.7765, 0.7961
CMYK	0.00, 0.52, 0.56, 0.53
HSL	4°, 39%, 34%
HSV	4°, 56%, 47%
XYZ	9.6907, 7.0961, 4.1077
YIQ	74.9680, 38.5570, 11.5890

# Conversions

## Conversions Part 2

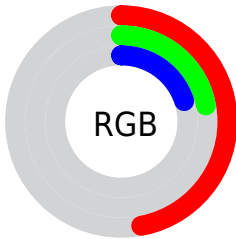
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	119, 57, 52
Decimal	7813428
CIE Lab	32.02, 26.58, 15.72
CIE LCh	32, 30.883, 30.606
Yxy	7.0961, 0.4638, 0.3396
Android (android.graphics.Color)	4286003508 (0xFF773934)
YUV	74.9680, -11.3232, 38.6161
Hunter-Lab	26.6386, 18.3182, 9.5043

# Details

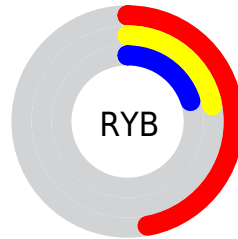
The YUV color **74.9680, -11.3232, 38.6161** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **96.0320, 11.3232, -38.6161**, and the grayscale version is **75.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **125.4200, -13.5181, 42.6047**, and **26.7010, -9.7126, 35.3422** is the 20% darker color. If you saturate the color by 10%, you get **67.1430, -13.3815, 45.4786**, and if you desaturate by 10%, it is **82.7930, -9.2649, 31.7535**.

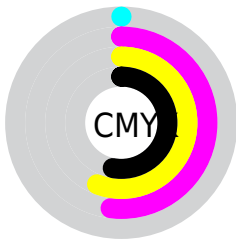
# Distribution



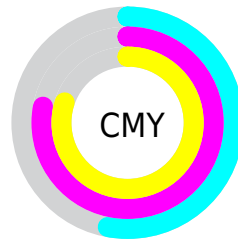
- Red (47%)
- Green (22%)
- Blue (20%)



- Red (47%)
- Yellow (22%)
- Blue (20%)



- Cyan (0%)
- Magenta (52%)
- Yellow (56%)
- Black (53%)



- Cyan (53%)
- Magenta (78%)
- Yellow (80%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 74.9680, -11.3232, 38.6161 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 74.9680, -11.3232, 38.6161 by changing the saturation by 10% instead.



■ 74.9680, -11.3232,  
38.6161

■ 74.9680, -11.3232,  
38.6161

■ 255.0000, 0.0000,  
0.0000

■ 51.0000, -9.8600,  
35.9570

■ 125.4200,  
-13.5181, 42.6047

■ 26.7010, -9.7126,  
35.3422

■ 151.6160,  
-14.1077, 45.0638

■ 12.8570, -6.3385,  
26.4354

■ 179.1000,  
-14.8393, 46.3933

■ 0.0000, 0.0000,  
0.0000

■ 204.9040,  
-14.2497, 43.9342

■ 224.4180,  
-10.5591, 26.8204

■ 244.0460, -6.4317,

■ 74.9680, -11.3232,  
38.6161

■ 74.9680, -11.3232,  
38.6161

■ 67.1430, -13.3815,  
45.4786

■ 82.7930, -9.2649,  
31.7535

■ 59.3180, -15.4398,  
52.3411

■ 90.6180, -7.2067,  
24.8910

■ 51.4930, -17.4980,  
59.2036

■ 98.4430, -5.1484,  
18.0285

■ 43.6680, -19.5563,  
66.0662

■ 106.2680, -3.0901,  
11.1660

■ 40.8640, -20.1460,  
68.5253

■ 113.9790, -1.4686,  
4.4034

■ 121.8040, 0.5896,  
-2.4591

■ 129.6290, 2.6479,  
-9.3216

■ 137.4540, 4.7062,  
-16.1842

■ 145.2790, 6.7645,  
-23.0467

# Harmonies

## Analogous

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



75.9430, 0.0281, 37.7610



74.9680, -11.3232, 38.6161



74.2090, -20.3160, 29.6347

# Triad

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



74.9680, -11.3232, 38.6161



64.9780, -6.8912, -29.7987



67.9950, 27.6105, -35.9526

# Complementary

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



74.9680, -11.3232, 38.6161



96.0320, 11.3232, -38.6161

# 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.



62.6460, 26.7965, -54.9405



74.9680, -11.3232, 38.6161



59.6190, 7.5828, -52.2859

# Square

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



74.9680, -11.3232, 38.6161



70.2170, -19.3340, -5.4523



62.3550, 18.0660, -54.6853



76.8640, 19.7870, 0.1193



# Rectangle

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



74.9680, -11.3232, 38.6161



73.3450, -23.3411, 19.8684



62.3550, 18.0660, -54.6853



60.9820, 30.5749, -53.4812

# Sweetspot

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



74.9680, -11.3232, 38.6161



138.2470, -4.5588, 15.5694



79.2150, 17.6420, 34.8914



68.3710, -2.6479, 9.3216



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.



74.9680, -11.3232, 38.6161



86.3900, -17.9403, 61.0480



94.3390, -20.8731, 21.6277



54.7940, -0.8844, 3.6887



41.7610, -20.5882, 70.3696



85.9030, -42.3502, 143.9131



# Inverse Universe

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



96.0320, 11.3232, -38.6161



119.6100, 17.9403, -61.0480



76.6610, 20.8731, -21.6277



56.6190, 1.1738, -3.1739



80.2390, 20.5882, -70.3696



164.0970, 42.3502, -143.9131



# Previews

## White Background



This preview shows how the YUV color 74.9680, -11.3232, 38.6161 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

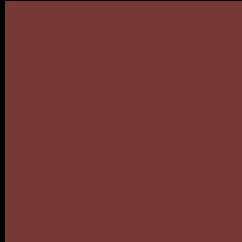
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass



# Black Background



This preview shows how the YUV color 74.9680, -11.3232, 38.6161 looks on a 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 74.9680, -11.3232, 38.6161

## Background



This preview shows how black text looks on a background with the YUV color 74.9680, -11.3232, 38.6161.



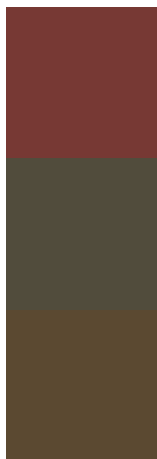
This preview shows how white text looks on a background with the YUV color 74.9680, -11.3232,



# 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

74.9680, -11.3232, 38.6161

### Protanopia

75.6710, -7.7258, 4.6735

### Deuteranopia

75.6460, -13.1365, 13.4655



## Tritanopia

75.2930, -7.5394, 38.3310

# Trichromacy



## Original Color

74.9680, -11.3232, 38.6161

## Protanomaly

75.4060, -9.0742, 17.1839

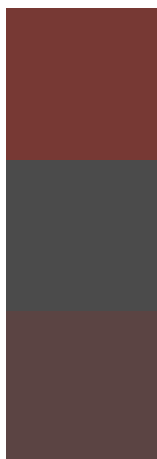
## Deuteranomaly

75.2280, -12.4374, 22.6020

## Tritanomaly

74.9510, -8.8498, 38.6310

# Monochromacy



## Original Color

74.9680, -11.3232, 38.6161

## Achromatopsia

75.0000, 0.0000, 0.0000

## Achromatomaly

74.7630, -3.8272, 14.2398

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 74.9680, -11.3232, 38.6161 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, 57, 52)` looks like.

```
.text, #text, p{  
    color:rgb(119, 57, 52)  
}
```

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, 57, 52) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 57, 52) }
```

## Border

The CSS property to change the border of an element to YUV 74.9680, -11.3232, 38.6161 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, 57, 52) }
```



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

```
.border{ border-color:rgb(119, 57, 52) }
```

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

Here you see how a box with a 4 pixel rgb(119, 57, 52) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 57, 52); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 57, 52);  
box-shadow:4px 4px 4px 4px rgb(119, 57,  
52) }
```

# Background

The CSS property to change the background color of an element to YUV 74.9680, -11.3232, 38.6161 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 57, 52) }
```

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

```
.background{ background-color: rgb(119, 57,  
52) }
```

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