

# Converting Colors

YUV(78.9010, -6.3602, 33.4128)

Have a look what the booklet for  
YUV(78.9010, -6.3602, 33.4128)  
contains.

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# Color

**YUV(78.9010, -6.3602,  
33.4128)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	753E42
RGB	117, 62, 66
RGB Percent	46%, 24%, 26%
CMY	0.5412, 0.7569, 0.7412
CMYK	0.00, 0.47, 0.44, 0.54
HSL	356°, 31%, 35%
HSV	356°, 47%, 46%
XYZ	10.0421, 7.6205, 6.0959
YIQ	78.9010, 31.4960, 12.9040

# Conversions

## Conversions Part 2

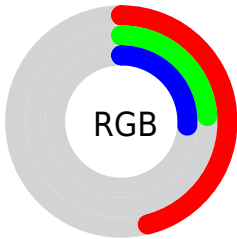
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	117, 62, 66
Decimal	7683650
CIE Lab	33.18, 24.39, 8.28
CIE LCh	33, 25.760, 18.754
Yxy	7.6205, 0.4227, 0.3207
Android (android.graphics.Color)	4285873730 (0xFF753E42)
YUV	78.9010, -6.3602, 33.4128
Hunter-Lab	27.6053, 16.6247, 6.2311

# Details

The YUV color **78.9010, -6.3602, 33.4128** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **100.0990, 6.3602, -33.4128**, and the grayscale version is **79.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **129.2820, -7.5340, 36.5867**, and **31.8620, -3.8760, 29.9390** is the 20% darker color. If you saturate the color by 10%, you get **70.6030, -7.6923, 40.6902**, and if you desaturate by 10%, it is **87.1990, -5.0281, 26.1355**.

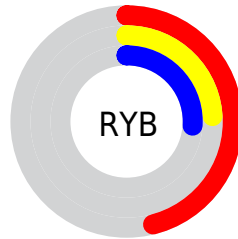
# Distribution



Red (46%)

Green (24%)

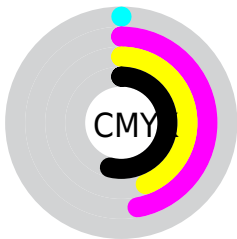
Blue (26%)



Red (46%)

Yellow (24%)

Blue (26%)

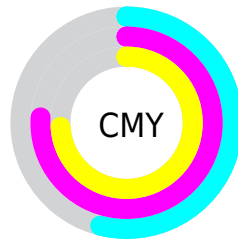


Cyan (0%)

Magenta (47%)

Yellow (44%)

Black (54%)



Cyan (54%)

Magenta (76%)

Yellow (74%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 78.9010, -6.3602, 33.4128 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 78.9010, -6.3602, 33.4128 by changing the saturation by 10% instead.



78.9010, -6.3602,  
33.4128

78.9010, -6.3602,  
33.4128

255.0000, 0.0000,  
0.0000

55.1180, -5.4812,  
31.4685

129.2820, -7.5340,  
36.5867

31.8620, -3.8760,  
29.9390

155.7660, -8.2656,  
37.9162

13.1560, -6.4859,  
27.0502

182.7770, -8.2711,  
39.6606

0.0000, 0.0000,  
0.0000

209.7770, -8.2711,  
39.6606

229.4050, -4.1437,  
22.4468

249.6200, -0.3057,

4.7183

■ 78.9010, -6.3602,  
33.4128

■ 78.9010, -6.3602,  
33.4128

■ 70.6030, -7.6923,  
40.6902

■ 87.1990, -5.0281,  
26.1355

■ 62.8920, -9.3138,  
47.4527

■ 94.9100, -3.4066,  
19.3729

■ 54.5940, -10.6458,  
54.7301

■ 103.2080, -2.0745,  
12.0956

■ 46.4100, -11.5411,  
61.9074

■ 111.3920, -1.1793,  
4.9182

■ 38.6990, -13.1626,  
68.6700

■ 119.6900, 0.1528,  
-2.3591

■ 36.0090, -13.3154,  
71.0291

■ 127.4010, 1.7743,  
-9.1217

■ 135.6990, 3.1064,  
-16.3990

■ 143.9970, 4.4385,  
-23.6764

■ 151.7080, 6.0600,  
-30.4389

# Harmonies

## Analogous

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



79.8000, 3.5496, 28.2394



78.9010, -6.3602, 33.4128



77.9900, -14.7851, 28.9498

# Triad

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



78.9010, -6.3602, 33.4128



72.6270, -11.1551, -15.4589



69.6590, 23.8321, -37.4119

# Complementary

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



78.9010, -6.3602, 33.4128



100.0990, 6.3602, -33.4128

# 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.



63.3810, 21.9972, -55.5851



78.9010, -6.3602, 33.4128



66.3990, 1.2823, -38.0609

# Square

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



78.9010, -6.3602, 33.4128



75.2010, -18.3401, 2.4547



62.5030, 13.5560, -54.8151



78.1680, 18.6512, -8.9173



# Rectangle

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



78.9010, -6.3602, 33.4128



77.6210, -18.5472, 22.2574



62.5030, 13.5560, -54.8151



63.1300, 26.0649, -53.6110

# Sweetspot

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



78.9010, -6.3602, 33.4128



138.3930, -2.6587, 12.8103



83.2200, 16.6535, 25.2401



67.3000, -1.6269, 8.5069



204.0000, 0.0000, 0.0000



77.0000, 0.0000, 0.0000



# Same Dimension

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



78.9010, -6.3602, 33.4128



93.5120, -9.6194, 52.1710



91.9460, -14.7634, 21.9724



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.



78.9010, -6.3602, 33.4128



93.5120, -9.6194, 52.1710



87.0540, 14.7634, -21.9724



54.7940, -0.8844, 3.6887



37.5040, -14.0525, 74.1030

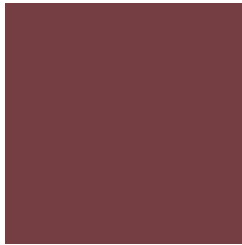


76.8020, -28.9894, 151.8946



# Previews

## White Background



This preview shows how the YUV color 78.9010, -6.3602, 33.4128 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

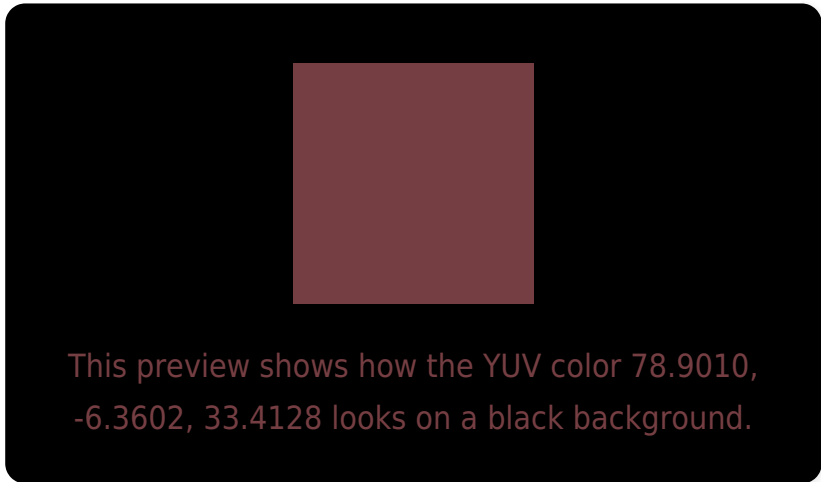
Any Text WCAG AA ✓ Pass

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

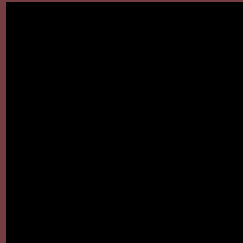
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

**YUV 78.9010, -6.3602, 33.4128**

## **Background**



This preview shows how black text looks on a background with the YUV color 78.9010, -6.3602, 33.4128.



This preview shows how white text looks on a background with the YUV color 78.9010, -6.3602,



# 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

78.9010, -6.3602, 33.4128

### Protanopia

78.4410, -2.1894, 2.2442

### Deuteranopia

79.1170, -7.4527, 10.4214



## Tritanopia

78.9010, -6.3602, 33.4128

# Trichromacy



## Original Color

78.9010, -6.3602, 33.4128

## Protanomaly

78.4640, -3.6798, 13.6251

## Deuteranomaly

78.9870, -6.8956, 18.4284

## Tritanomaly

78.9010, -6.3602, 33.4128

# Monochromacy



## Original Color

78.9010, -6.3602, 33.4128

## Achromatopsia

79.0000, 0.0000, 0.0000

## Achromatomaly

79.0940, -2.5113, 12.1956

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 78.9010, -6.3602, 33.4128 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(117, 62, 66)` looks like.

```
.text, #text, p{  
    color:rgb(117, 62, 66)  
}
```

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(117, 62, 66) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 62, 66) }
```

## Border

The CSS property to change the border of an element to YUV 78.9010, -6.3602, 33.4128 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(117, 62, 66) }
```



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

```
.border{ border-color:rgb(117, 62, 66) }
```

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

Here you see how a box with a 4 pixel `rgb(117, 62, 66)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 62, 66); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 62, 66);  
box-shadow:4px 4px 4px 4px rgb(117, 62,  
66) }
```

# Background

The CSS property to change the background color of an element to YUV 78.9010, -6.3602, 33.4128 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 62, 66) }
```

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

```
.background{ background-color: rgb(117, 62,  
66) }
```

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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