

# Converting Colors

YUV(76.7810, -17.6400,  
58.0741)

Have a look what the booklet for  
YUV(76.7810, -17.6400, 58.0741)  
contains.

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# Color

**YUV(76.7810, -17.6400,  
58.0741)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	8F3229
RGB	143, 50, 41
RGB Percent	56%, 20%, 16%
CMY	0.4392, 0.8039, 0.8392
CMYK	0.00, 0.65, 0.71, 0.44
HSL	5°, 55%, 36%
HSV	5°, 71%, 56%
XYZ	12.8685, 8.2809, 3.0180
YIQ	76.7810, 58.3170, 16.9170

# Conversions

## Conversions Part 2

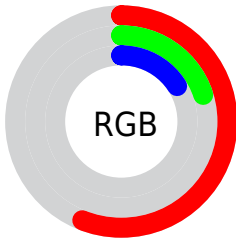
Format	Color
<a href="#">RYB</a>	<a href="#">143, 51, 41</a>
Decimal	<a href="#">9384489</a>
CIELab	<a href="#">34.56, 38.81, 26.65</a>
CIELCh	<a href="#">35, 47.076, 34.476</a>
Yxy	<a href="#">8.2809, 0.5325, 0.3426</a>
Android (android.graphics.Color)	<a href="#">4287574569 (0xFF8F3229)</a>
YUV	<a href="#">76.7810, -17.6400, 58.0741</a>
Hunter-Lab	<a href="#">28.7766, 29.4638, 13.9256</a>

# Details

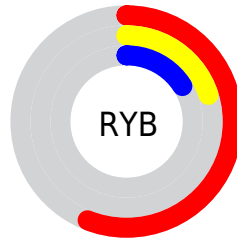
The YUV color **76.7810, -17.6400, 58.0741** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **107.2190, 17.6400, -58.0741**, and the grayscale version is **77.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **129.6030, -21.0033, 63.4922**, and **25.7140, -12.6770, 52.8708** is the 20% darker color. If you saturate the color by 10%, you get **67.5540, -19.9931, 66.1661**, and if you desaturate by 10%, it is **86.0080, -15.2869, 49.9820**.

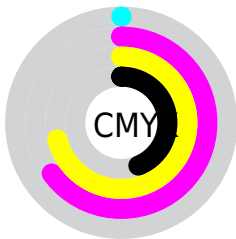
# Distribution



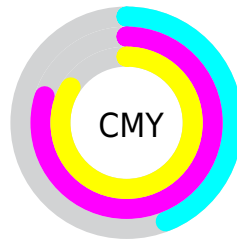
- Red (56%)
- Green (20%)
- Blue (16%)



- Red (56%)
- Yellow (20%)
- Blue (16%)



- Cyan (0%)
- Magenta (65%)
- Yellow (71%)
- Black (44%)



- Cyan (44%)
- Magenta (80%)
- Yellow (84%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 76.7810, -17.6400, 58.0741 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 76.7810, -17.6400, 58.0741 by changing the saturation by 10% instead.



■ 76.7810, -17.6400,  
58.0741

■ 76.7810, -17.6400,  
58.0741

255.0000, 0.0000,  
0.0000

■ 49.8670, -14.7244,  
56.2446

■ 129.6030,  
-21.0033, 63.4922

■ 25.7140, -12.6770,  
52.8708

■ 156.5710,  
-22.4665, 66.1512

■ 17.6410, -8.6970,  
36.2718

■ 182.2610,  
-22.3137, 63.7921

■ 8.7850, -3.8380,  
17.7286

■ 201.0740,  
-18.7705, 47.2931

■ 0.0000, 0.0000,  
0.0000

■ 220.5880,  
-15.0799, 30.1793

■ 240.8030,

-11.2419, 12.4508

253.9740, -3.9312,  
0.8998

76.7810, -17.6400,  
58.0741

76.7810, -17.6400,  
58.0741

67.5540, -19.9931,  
66.1661

86.0080, -15.2869,  
49.9820

58.2130, -22.7830,  
74.3582

95.3490, -12.4971,  
41.7899

50.3880, -24.8413,  
81.2207

104.5760,  
-10.1440, 33.6978

113.8030, -7.7909,  
25.6058

123.1440, -5.0010,  
17.4137

■ 132.3710, -2.6479,  
9.3216

■ 141.5980, -0.2948,  
1.2296

■ 150.8250, 2.0583,  
-6.8625

■ 160.1660, 4.8482,  
-15.0546

# Harmonies

## Analogous

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



76.7980, 0.0996, 61.5672



76.7810, -17.6400, 58.0741



76.7900, -34.8995, 40.5262

# Triad

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



76.7810, -17.6400, 58.0741



61.7100, -7.2520, -54.1197



67.0920, 43.8316, -58.8397

# Complementary

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



76.7810, -17.6400, 58.0741



107.2190, 17.6400, -58.0741

# 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.



72.1640, 37.8801, -63.2878



76.7810, -17.6400, 58.0741



67.3300, 9.2043, -59.0484

# Square

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



76.7810, -17.6400, 58.0741



70.4750, -30.8002, -14.4486



71.5480, 25.3658, -62.7476



83.2310, 29.9591, 4.1824



# Rectangle

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



76.7810, -17.6400, 58.0741



76.2950, -37.6134, 24.2973



71.5480, 25.3658, -62.7476



69.4400, 42.6741, -60.8989

# Sweetspot

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



76.7810, -17.6400, 58.0741



161.0090, -6.9064, 21.9171



82.2140, 26.0235, 53.3093



79.0510, -3.9691, 13.1103



222.0000, 0.0000, 0.0000



94.0000, 0.0000, 0.0000



# Same Dimension

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



76.7810, -17.6400, 58.0741



82.0580, -27.6366, 91.1571



106.7180, -32.3990, 31.8193



66.6800, -1.3212, 3.7886



47.4090, -23.3726, 76.8173



2.9790, -1.4686, 4.4034



# Inverse Universe

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



107.2190, 17.6400, -58.0741



129.9420, 27.6366, -91.1571



77.8690, 32.1096, -32.3341



68.9070, 1.0318, -4.3034



87.5910, 23.3726, -76.8173



5.0210, 1.4686, -4.4034



# Previews

## White Background



This preview shows how the YUV color 76.7810, -17.6400, 58.0741 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

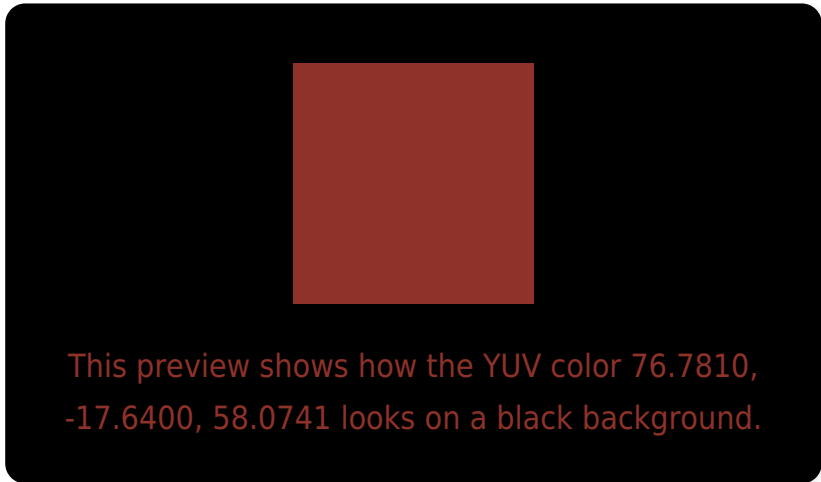
Any Text WCAG AA ✓ Pass

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 76.7810, -17.6400, 58.0741

## Background



This preview shows how black text looks on a background with the YUV color 76.7810, -17.6400, 58.0741.



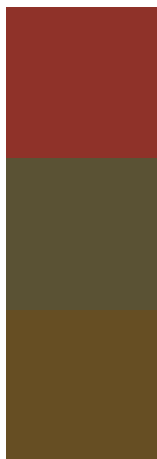
This preview shows how white text looks on a background with the YUV color 76.7810, -17.6400,



# 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

76.7810, -17.6400, 58.0741

### Protanopia

80.9720, -14.2832, 7.9176

### Deuteranopia

80.2740, -22.3201, 19.0537



## Tritanopia

77.3340, -12.9827, 57.5891

# Trichromacy



## Original Color

76.7810, -17.6400, 58.0741

## Protanomaly

79.1530, -15.3584, 26.1758

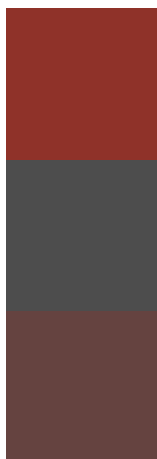
## Deuteranomaly

79.1170, -20.7637, 33.2234

## Tritanomaly

76.8780, -14.7299, 57.9890

# Monochromacy



## Original Color

76.7810, -17.6400, 58.0741

## Achromatopsia

77.0000, 0.0000, 0.0000

## Achromatomaly

76.8240, -6.3222, 21.2024

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 76.7810, -17.6400, 58.0741 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(143, 50, 41)` looks like.

```
.text, #text, p{  
    color:rgb(143, 50, 41)  
}
```

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(143, 50, 41) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 50, 41) }
```

## Border

The CSS property to change the border of an element to YUV 76.7810, -17.6400, 58.0741 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(143, 50, 41) }
```



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

```
.border{ border-color:rgb(143, 50, 41) }
```

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

Here you see how a box with a 4 pixel rgb(143, 50, 41) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 50, 41); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 50, 41);  
box-shadow:4px 4px 4px 4px rgb(143, 50,  
41) }
```

# Background

The CSS property to change the background color of an element to YUV 76.7810, -17.6400, 58.0741 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 50, 41) }
```

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

```
.background{ background-color: rgb(143, 50,  
41) }
```

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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