

# Converting Colors

YUV(93.6490, -17.5750,  
37.1418)

Have a look what the booklet for  
YUV(93.6490, -17.5750, 37.1418)  
contains.

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# Color

**YUV(93.6490, -17.5750,  
37.1418)**

# Conversions

## Conversions Part 1

Format	Color
Hex	884F3A
RGB	136, 79, 58
RGB Percent	53%, 31%, 23%
CMY	0.4667, 0.6902, 0.7725
CMYK	0.00, 0.42, 0.57, 0.47
HSL	16°, 40%, 38%
HSV	16°, 57%, 53%
XYZ	13.7130, 11.1317, 5.4289
YIQ	93.6490, 40.7130, 5.5530

# Conversions

## Conversions Part 2

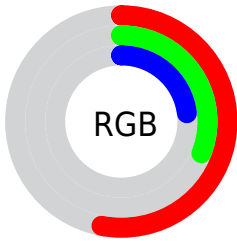
<b>Format</b>	<b>Color</b>
<b>RYB</b>	136, 87, 58
Decimal	8933178
CIELab	39.80, 21.72, 22.60
CIELCh	40, 31.342, 46.137
Yxy	11.1317, 0.4530, 0.3677
Android (android.graphics.Color)	4287123258 (0xFF884F3A)
YUV	93.6490, -17.5750, 37.1418
Hunter-Lab	33.3642, 14.9781, 13.7075

# Details

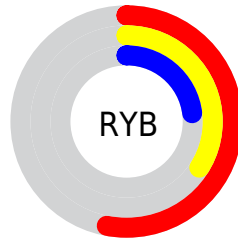
The YUV color **93.6490, -17.5750, 37.1418** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **100.3510, 17.5750, -37.1418**, and the grayscale version is **94.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **145.2150, -19.3330, 41.0304**, and **45.5990, -15.0853, 31.9237** is the 20% darker color. If you saturate the color by 10%, you get **86.1830, -20.7962, 43.6895**, and if you desaturate by 10%, it is **101.1150, -14.3537, 30.5941**.

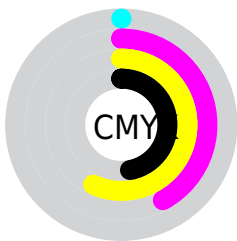
# Distribution



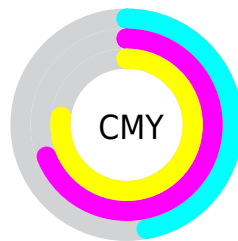
- Red (53%)
- Green (31%)
- Blue (23%)



- Red (53%)
- Yellow (34%)
- Blue (23%)



- Cyan (0%)
- Magenta (42%)
- Yellow (57%)
- Black (47%)




- Cyan (47%)
- Magenta (69%)
- Yellow (77%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 93.6490, -17.5750, 37.1418 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 93.6490, -17.5750, 37.1418 by changing the saturation by 10% instead.





 93.6490, -17.5750,  
37.1418


 93.6490, -17.5750,  
37.1418


255.0000, 0.0000,  
0.0000


 69.5670, -16.5485,  
34.5827


 145.2150,  
-19.3330, 41.0304


 45.5990, -15.0853,  
31.9237

 171.9980,  
-20.2120, 42.9748


 23.5000, -11.5855,  
29.3795

 199.7810,  
-21.0910, 44.9191

 10.5790, -4.7224,  
21.4172

 220.4910,  
-17.9901, 30.2644

 0.0000, 0.0000,  
0.0000

 240.1190,  
-13.8627, 13.0506

 253.2900, -6.5520,

1.4997

■ 93.6490, -17.5750,  
37.1418

■ 93.6490, -17.5750,  
37.1418

■ 86.1830, -20.7962,  
43.6895

■ 101.1150,  
-14.3537, 30.5941

■ 78.8310, -23.5807,  
50.1372

■ 108.4670,  
-11.5692, 24.1464

■ 71.3650, -26.8019,  
56.6849

■ 115.9330, -8.3480,  
17.5988

■ 64.0130, -29.5864,  
63.1326

■ 123.2850, -5.5635,  
11.1511

■ 62.3830, -30.7548,  
64.5621

■ 130.7510, -2.3422,  
4.6034

■ 138.2170, 0.8790,  
-1.9443

■ 145.5690, 3.6635,  
-8.3920

■ 153.0350, 6.8847,  
-14.9397

■ 159.8000, 9.9586,  
-20.8726

# Harmonies

## Analogous

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



94.5430, -6.6767, 41.6198



93.6490, -17.5750, 37.1418



92.2530, -23.7887, 23.4571

# Triad

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



93.6490, -17.5750, 37.1418



79.2300, 0.8726, -46.6827



93.3290, 24.4878, -14.3205

# Complementary

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



93.6490, -17.5750, 37.1418



100.3510, 17.5750, -37.1418

# 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.



77.6930, 32.1964, -60.2438



93.6490, -17.5750, 37.1418



75.0070, 15.7725, -65.7811

# Square

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



93.6490, -17.5750, 37.1418



86.9920, -14.7861, -17.5330



76.4550, 26.3977, -67.0510



96.6270, 15.9599, 14.3591



# Rectangle

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



93.6490, -17.5750, 37.1418



90.9480, -24.6244, 11.4466



76.4550, 26.3977, -67.0510



90.4200, 26.4149, -25.8013

# Sweetspot

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



93.6490, -17.5750, 37.1418



159.6660, -6.7373, 14.3249



87.8200, 13.3997, 42.2539



79.3170, -4.1003, 8.4920



217.0000, 0.0000, 0.0000



89.0000, 0.0000, 0.0000



# Same Dimension

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



93.6490, -17.5750, 37.1418



109.9630, -27.0968, 57.9144



116.5420, -28.8612, 17.0647



65.2670, -1.6106, 3.2738



60.8990, -30.0232, 63.2326



2.0820, -1.0264, 2.5591



# Inverse Universe

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



100.3510, 17.5750, -37.1418



120.4500, 27.3862, -57.3996



77.4580, 28.8612, -17.0647



65.7330, 1.6106, -3.2738



72.1010, 30.0232, -63.2326



2.9180, 1.0264, -2.5591



# Previews

## White Background



This preview shows how the YUV color 93.6490, -17.5750, 37.1418 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 93.6490, -17.5750, 37.1418 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

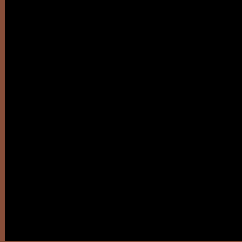
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# YUV 93.6490, -17.5750, 37.1418

## Background



This preview shows how black text looks on a background with the YUV color 93.6490, -17.5750, 37.1418.



This preview shows how white text looks on a background with the YUV color 93.6490, -17.5750,

37.1418.

# 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

93.6490, -17.5750, 37.1418

### Protanopia

92.9720, -14.2832, 7.9176

### Deuteranopia

93.3000, -18.3889, 18.1539



## Tritanopia

95.1080, -6.9552, 37.6163

# Trichromacy



## Original Color

93.6490, -17.5750, 37.1418

## Protanomaly

93.3970, -15.4787, 18.0688

## Deuteranomaly

93.4580, -17.9738, 25.0313

## Tritanomaly

94.4840, -10.5916, 37.2865

# Monochromacy



## Original Color

93.6490, -17.5750, 37.1418

## Achromatopsia

94.0000, 0.0000, 0.0000

## Achromatomaly

94.0680, -6.4425, 13.0954

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 93.6490, -17.5750, 37.1418 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(136, 79, 58)` looks like.

```
.text, #text, p{  
    color:rgb(136, 79, 58)  
}
```

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(136, 79, 58) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 79, 58) }
```

## Border

The CSS property to change the border of an element to YUV 93.6490, -17.5750, 37.1418 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(136, 79, 58) }
```



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

```
.border{ border-color:rgb(136, 79, 58) }
```

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

Here you see how a box with a 4 pixel rgb(136, 79, 58) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 79, 58); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 79, 58);  
box-shadow:4px 4px 4px 4px rgb(136, 79,  
58) }
```

# Background

The CSS property to change the background color of an element to YUV 93.6490, -17.5750, 37.1418 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 79, 58) }
```

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

```
.background{ background-color: rgb(136, 79,  
58) }
```

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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