

# Converting Colors

YUV(79.4340, -17.9620,  
68.0254)

Have a look what the booklet for  
YUV(79.4340, -17.9620, 68.0254)  
contains.

**YUV(79.4340, -17.9620, 68.0254) ..... 3**  
    ***Conversions** ..... 4*  
    ***Details** ..... 6*  
    ***Harmonies** ..... 12*  
    ***Previews** ..... 24*  
    ***Color Blindness Simulation** ..... 28*  
    ***CSS Examples** ..... 31*

# Color

**YUV(79.4340, -17.9620,  
68.0254)**

# Conversions

| Conversions Part 1 |                           |
|--------------------|---------------------------|
| Format             | Color                     |
| Hex                | 9D2F2B                    |
| RGB                | 157, 47, 43               |
| RGB Percent        | 62%, 18%, 17%             |
| CMY                | 0.3843, 0.8157, 0.8314    |
| CMYK               | 0.00, 0.70, 0.73, 0.38    |
| HSL                | 2°, 57%, 39%              |
| HSV                | 2°, 73%, 62%              |
| XYZ                | 15.3572, 9.3755, 3.2857   |
| YIQ                | 79.4340, 66.8440, 22.0760 |

# Conversions

## Conversions Part 2

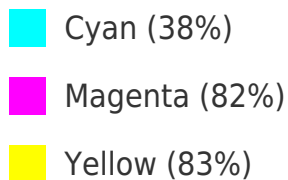
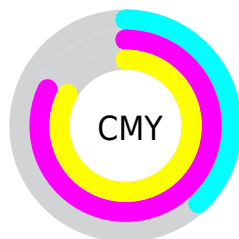
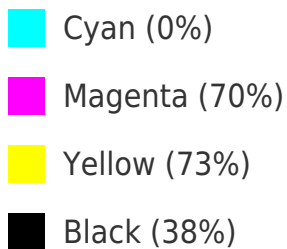
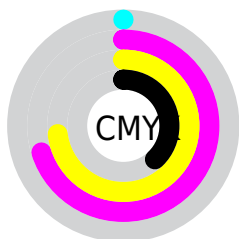
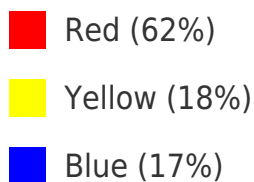
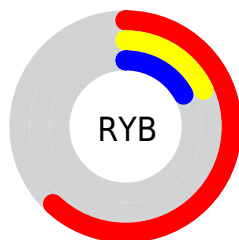
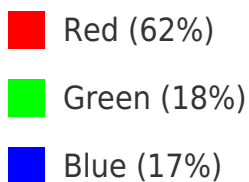
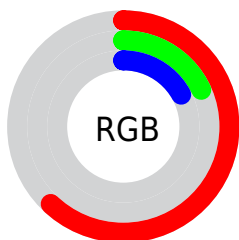
| Format                              | Color                                      |
|-------------------------------------|--|
| <a href="#">RYB</a>                 | <a href="#">157, 47, 43</a>                |
| Decimal                             | <a href="#">10301227</a>                   |
| CIELab                              | <a href="#">36.70, 45.18, 28.59</a>        |
| CIELCh                              | <a href="#">37, 53.471, 32.324</a>         |
| Yxy                                 | <a href="#">9.3755, 0.5481, 0.3346</a>     |
| Android<br>(android.graphics.Color) | <a href="#">4288491307</a><br>(0xFF9D2F2B) |
| YUV                                 | <a href="#">79.4340, -17.9620, 68.0254</a> |
| Hunter-Lab                          | <a href="#">30.6195, 35.9424, 15.0713</a>  |

# Details

The YUV color **79.4340, -17.9620, 68.0254** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **120.5660, 17.9620, -68.0254**, and the grayscale version is **80.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **133.7290, -22.0514, 73.0287**, and **29.6010, -14.5933, 60.8629** is the 20% darker color. If you saturate the color by 10%, you get **68.8050, -20.6099, 77.3470**, and if you desaturate by 10%, it is **90.0630, -15.3141, 58.7037**.

# Distribution




# Brightness & Saturation


## Gradients

These gradients show how the YUV color 79.4340, -17.9620, 68.0254 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 79.4340, -17.9620, 68.0254 by changing the saturation by 10% instead.





 79.4340, -17.9620,  
68.0254


 79.4340, -17.9620,  
68.0254


255.0000, 0.0000,  
0.0000


 49.8730, -13.7414,  
67.6404


 133.7290,  
-22.0514, 73.0287


 29.6010, -14.5933,  
60.8629


 161.5830,  
-23.9514, 75.7877


 20.9300, -10.3185,  
43.0344

 182.4890,  
-21.4401, 63.5921

 12.9710, -5.9017,  
26.3354

 201.3020,  
-17.8969, 47.0931

 0.0000, 0.0000,  
0.0000

 221.5170,  
-14.0589, 29.3646

 241.7320,

-10.2209, 11.6360

254.3160, -2.6208,  
0.5999

79.4340, -17.9620,  
68.0254

79.4340, -17.9620,  
68.0254

68.8050, -20.6099,  
77.3470

90.0630, -15.3141,  
58.7037

58.2900, -22.8210,  
86.5687

100.5780,  
-13.1030, 49.4821

50.4650, -24.8792,  
93.4312


111.2070,  
-10.4551, 40.1605

122.4230, -8.0965,  
30.3240

133.0520, -5.4486,  
21.0024

 143.5670, -3.2375,  
11.7807

 154.1960, -0.5896,  
2.4591

 164.8250, 2.0583,  
-6.8625

 175.3400, 4.2694,  
-16.0842

# Harmonies

## Analogous

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



78.0750, 3.4140, 71.8482



79.4340, -17.9620, 68.0254



80.5800, -39.7259, 48.6033

# Triad

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



79.4340, -17.9620, 68.0254



65.4770, -10.5882, -57.4233



73.1390, 49.2315, -64.1429

# Complementary

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



79.4340, -17.9620, 68.0254



120.5660, 17.9620, -68.0254

# 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.



77.8690, 41.9696, -68.2911



79.4340, -17.9620, 68.0254



71.7810, 8.4890, -62.9519

# Square

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



79.4340, -17.9620, 68.0254



74.2810, -36.6205, -14.2784



76.5690, 26.8345, -67.1510



87.4030, 35.7903, 0.5236



# Rectangle

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



79.4340, -17.9620, 68.0254



81.6330, -40.2451, 28.3859



76.5690, 26.8345, -67.1510



75.3730, 47.6371, -66.1021

# Sweetspot

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



79.4340, -17.9620, 68.0254



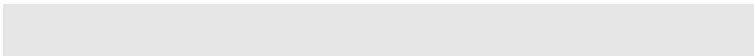
173.6290, -7.2121, 26.6354



89.6260, 31.2434, 59.0870



83.6600, -4.2694, 16.0842



230.0000, 0.0000, 0.0000



102.0000, 0.0000, 0.0000



# Same Dimension

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



79.4340, -17.9620, 68.0254



83.4450, -27.8274, 105.7267



112.8930, -34.4572, 38.6818



73.3920, -1.1793, 4.9182



45.6920, -22.5262, 85.3391



5.0720, -2.5005, 8.7069



# Inverse Universe

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



120.5660, 17.9620, -68.0254



147.5550, 27.8274, -105.7267



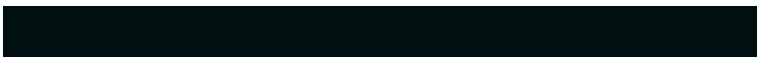
87.1070, 34.4572, -38.6818



76.6080, 1.1793, -4.9182



97.3080, 22.5262, -85.3391



10.5150, 2.2111, -9.2217



# Previews

## White Background



This preview shows how the YUV color 79.4340, -17.9620, 68.0254 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 79.4340, -17.9620, 68.0254 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 79.4340, -17.9620, 68.0254

## Background



This preview shows how black text looks on a background with the YUV color 79.4340, -17.9620, 68.0254.



This preview shows how white text looks on a background with the YUV color 79.4340, -17.9620,



# 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

79.4340, -17.9620, 68.0254

### Protanopia

85.9720, -14.2832, 7.9176

### Deuteranopia

85.4160, -24.3621, 20.6832



## Tritanopia

79.4170, -15.4886, 68.0403

# Trichromacy



## Original Color

79.4340, -17.9620, 68.0254

## Protanomaly

83.4740, -15.5167, 30.2793

## Deuteranomaly

83.2100, -21.7955, 37.5268

## Tritanomaly

79.1890, -16.3622, 68.2402

# Monochromacy



## Original Color

79.4340, -17.9620, 68.0254

## Achromatopsia

79.0000, 0.0000, 0.0000

## Achromatomaly

78.8460, -6.3331, 24.6911

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 79.4340, -17.9620, 68.0254 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(157, 47, 43)` looks like.

```
.text, #text, p{  
    color:rgb(157, 47, 43)  
}
```

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(157, 47, 43) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 47, 43) }
```

## Border

The CSS property to change the border of an element to YUV 79.4340, -17.9620, 68.0254 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(157, 47, 43) }
```



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

```
.border{ border-color:rgb(157, 47, 43) }
```

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

Here you see how a box with a 4 pixel rgb(157, 47, 43) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 47, 43); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 47, 43);  
box-shadow:4px 4px 4px 4px rgb(157, 47,  
43) }
```

# Background

The CSS property to change the background color of an element to YUV 79.4340, -17.9620, 68.0254 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 47, 43) }
```

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

```
.background{ background-color: rgb(157, 47,  
43) }
```

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