

# Converting Colors

YUV(93.9960, -13.8020,  
40.3455)

Have a look what the booklet for  
YUV(93.9960, -13.8020, 40.3455)  
contains.

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# Color

**YUV(93.9960, -13.8020,  
40.3455)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	8C4C42
RGB	140, 76, 66
RGB Percent	55%, 30%, 26%
CMY	0.4510, 0.7020, 0.7412
CMYK	0.00, 0.46, 0.53, 0.45
HSL	8°, 36%, 40%
HSV	8°, 53%, 55%
XYZ	14.3830, 11.1377, 6.5460
YIQ	93.9960, 41.3540, 10.4580

# Conversions

## Conversions Part 2

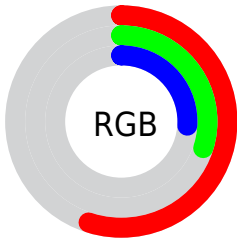
Format	Color
R <sub>Y</sub> B	140, 78, 66
Decimal	9194562
CIE Lab	39.81, 25.88, 17.88
CIE LCh	40, 31.453, 34.637
Yxy	11.1377, 0.4485, 0.3473
Android (android.graphics.Color)	4287384642 (0xFF8C4C42)
YUV	93.9960, -13.8020, 40.3455
Hunter-Lab	33.3732, 18.5262, 11.7318

# Details

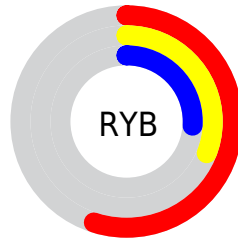
The YUV color **93.9960, -13.8020, 40.3455** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **112.0040, 13.8020, -40.3455**, and the grayscale version is **94.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **145.5620, -15.5601, 44.2341**, and **45.3590, -11.0230, 35.6422** is the 20% darker color. If you saturate the color by 10%, you get **85.3560, -16.4445, 47.9228**, and if you desaturate by 10%, it is **102.6360, -11.1595, 32.7682**.

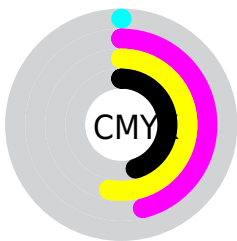
# Distribution



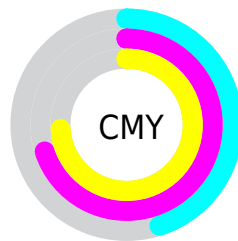
- Red (55%)
- Green (30%)
- Blue (26%)



- Red (55%)
- Yellow (31%)
- Blue (26%)



- Cyan (0%)
- Magenta (46%)
- Yellow (53%)
- Black (45%)



- Cyan (45%)
- Magenta (70%)
- Yellow (74%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 93.9960, -13.8020, 40.3455 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 93.9960, -13.8020, 40.3455 by changing the saturation by 10% instead.



■ 93.9960, -13.8020,  
40.3455

■ 93.9960, -13.8020,  
40.3455

■ 255.0000, 0.0000,  
0.0000

■ 69.3270, -12.4862,  
38.3012

■ 145.5620,  
-15.5601, 44.2341

■ 45.3590, -11.0230,  
35.6422

■ 172.4590,  
-16.0023, 46.0785

■ 21.1740, -10.4388,  
34.9274

■ 200.2420,  
-16.8813, 48.0228

■ 11.4760, -5.1647,  
23.2615

■ 219.7560,  
-13.1907, 30.9090

■ 0.0000, 0.0000,  
0.0000

■ 239.3840, -9.0633,  
13.6952

■ 254.4300, -2.1840,

0.4999

■ 93.9960, -13.8020,  
40.3455

■ 93.9960, -13.8020,  
40.3455

■ 85.3560, -16.4445,  
47.9228

■ 102.6360,  
-11.1595, 32.7682

■ 76.7160, -19.0870,  
55.5001

■ 111.2760, -8.5171,  
25.1909

■ 68.0760, -21.7295,  
63.0773

■ 119.9160, -5.8746,  
17.6137

■ 59.4360, -24.3719,  
70.6546

■ 128.5560, -3.2321,  
10.0364

■ 53.0130, -26.1354,  
76.2876

■ 137.7830, -0.8790,  
1.9443

■ 146.4230, 1.7635,  
-5.6330

■ 155.0630, 4.4059,  
-13.2103

■ 163.7030, 7.0484,  
-20.7875

■ 172.3430, 9.6909,  
-28.3648

# Harmonies

## Analogous

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



94.7970, -1.8719, 40.5200



93.9960, -13.8020, 40.3455



93.3400, -22.3526, 29.5198

# Triad

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



93.9960, -13.8020, 40.3455



82.8850, -5.8593, -34.1021



89.6370, 27.2940, -27.7456

# Complementary

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



93.9960, -13.8020, 40.3455



112.0040, 13.8020, -40.3455

# 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.



75.8340, 31.6338, -66.5064



93.9960, -13.8020, 40.3455



73.8670, 11.4046, -64.7814

# Square

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



93.9960, -13.8020, 40.3455



88.6080, -19.0337, -8.4262



76.1300, 22.6139, -66.7660



96.1850, 19.6288, 4.2228



# Rectangle

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



93.9960, -13.8020, 40.3455



91.9920, -24.6461, 18.4240



76.1300, 22.6139, -66.7660



85.1190, 29.5213, -42.2004

# Sweetspot

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



93.9960, -13.8020, 40.3455



163.0190, -5.4324, 15.7693



95.4220, 17.0470, 39.0949



81.1430, -3.5215, 9.5216



219.0000, 0.0000, 0.0000



92.0000, 0.0000, 0.0000



# Same Dimension

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



93.9960, -13.8020, 40.3455



109.8910, -21.1453, 62.3626



115.7150, -24.5095, 21.2979



64.6800, -1.3212, 3.7886



50.3330, -24.8142, 72.4990



2.0820, -1.0264, 2.5591



# Inverse Universe

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



112.0040, 13.8020, -40.3455



138.1090, 21.1453, -62.3626



90.2850, 24.5095, -21.2979



66.3200, 1.3212, -3.7886



82.6670, 24.8142, -72.4990



2.9180, 1.0264, -2.5591



# Previews

## White Background



This preview shows how the YUV color 93.9960, -13.8020, 40.3455 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 93.9960, -13.8020, 40.3455 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

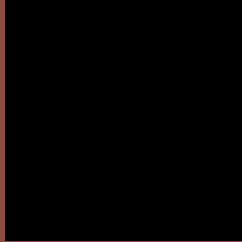
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# YUV 93.9960, -13.8020, 40.3455

## Background



This preview shows how black text looks on a background with the YUV color 93.9960, -13.8020, 40.3455.



This preview shows how white text looks on a background with the YUV color 93.9960, -13.8020,



# 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

93.9960, -13.8020, 40.3455

### Protanopia

93.5140, -9.6204, 5.6882

### Deuteranopia

93.7990, -15.1839, 16.8393



## Tritanopia

94.6030, -7.6923, 40.6902

# Trichromacy



## Original Color

93.9960, -13.8020, 40.3455

## Protanomaly

93.5480, -11.1162, 18.8134

## Deuteranomaly

93.9680, -14.7742, 25.4611

## Tritanomaly

94.6200, -10.1657, 40.6753

# Monochromacy



## Original Color

93.9960, -13.8020, 40.3455

## Achromatopsia

94.0000, 0.0000, 0.0000

## Achromatomaly

93.8340, -4.8482, 15.0546

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 93.9960, -13.8020, 40.3455 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(140, 76, 66)` looks like.

```
.text, #text, p{  
    color:rgb(140, 76, 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(140, 76, 66) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 76, 66) }
```

## Border

The CSS property to change the border of an element to YUV 93.9960, -13.8020, 40.3455 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(140, 76, 66) }
```



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

```
.border{ border-color:rgb(140, 76, 66) }
```

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

Here you see how a box with a 4 pixel rgb(140, 76, 66) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 76, 66); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 76, 66);  
box-shadow:4px 4px 4px 4px rgb(140, 76,  
66) }
```

# Background

The CSS property to change the background color of an element to YUV 93.9960, -13.8020, 40.3455 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 76, 66) }
```

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

```
.background{ background-color: rgb(140, 76,  
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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