

# Converting Colors

YUV(95.4910, -1.2281, 20.6174)

Have a look what the booklet for  
YUV(95.4910, -1.2281, 20.6174)  
contains.

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# Color

**YUV(95.4910, -1.2281,  
20.6174)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	77545D
RGB	119, 84, 93
RGB Percent	47%, 33%, 36%
CMY	0.5333, 0.6706, 0.6353
CMYK	0.00, 0.29, 0.22, 0.53
HSL	345°, 17%, 40%
HSV	345°, 29%, 47%
XYZ	12.7539, 11.0529, 11.8171
YIQ	95.4910, 17.9710, 10.2190

# Conversions

## Conversions Part 2

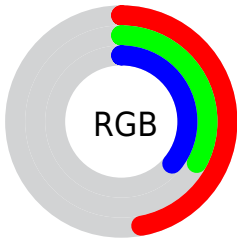
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	119, 84, 93
Decimal	7820381
CIE <sub>Lab</sub>	39.67, 16.02, 0.58
CIE <sub>LCh</sub>	40, 16.035, 2.080
Yxy	11.0529, 0.3580, 0.3103
Android (android.graphics.Color)	4286010461 (0xFF77545D)
YUV	95.4910, -1.2281, 20.6174
Hunter-Lab	33.2459, 10.2962, 2.1977

# Details

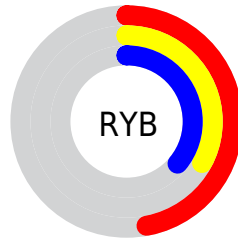
The YUV color **95.4910, -1.2281, 20.6174** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **107.5090, 1.2281, -20.6174**, and the grayscale version is **95.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **146.3880, -1.6703, 22.4617**, and **48.5940, -0.7858, 18.7731** is the 20% darker color. If you saturate the color by 10%, you get **87.4210, -1.6866, 27.6948**, and if you desaturate by 10%, it is **103.5610, -0.7696, 13.5400**.

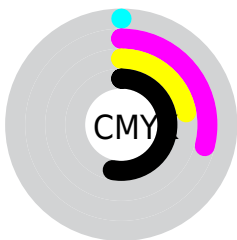
# Distribution



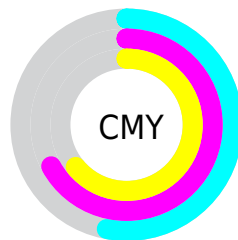
- Red (47%)
- Green (33%)
- Blue (36%)



- Red (47%)
- Yellow (33%)
- Blue (36%)



- Cyan (0%)
- Magenta (29%)
- Yellow (22%)
- Black (53%)



- Cyan (53%)
- Magenta (67%)
- Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 95.4910, -1.2281, 20.6174 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 95.4910, -1.2281, 20.6174 by changing the saturation by 10% instead.



■ 95.4910, -1.2281,  
20.6174

■ 95.4910, -1.2281,  
20.6174

■ 255.0000, 0.0000,  
0.0000

■ 71.7790, -1.3700,  
19.4878

■ 146.3880, -1.6703,  
22.4617

■ 48.5940, -0.7858,  
18.7731

■ 172.8010, -1.3809,  
22.9765

■ 26.6970, -0.3436,  
16.9287

■ 200.3990, -1.6757,  
24.2061

■ 8.4860, -3.6906,  
17.1138

■ 228.1000, -1.5283,  
23.5913

■ 0.0000, 0.0000,  
0.0000

■ 247.7280, 2.5991,  
6.3775

95.4910, -1.2281,  
20.6174

95.4910, -1.2281,  
20.6174

87.4210, -1.6866,  
27.6948

103.5610, -0.7696,  
13.5400

79.3510, -2.1450,  
34.7722

111.6310, -0.3111,  
6.4626

71.2810, -2.6035,  
41.8496

119.7010, 0.1474,  
-0.6148

63.3250, -2.6252,  
48.8270

127.6570, 0.1691,  
-7.5922

55.8420, -3.3731,  
55.3896

135.1400, 0.9170,  
-14.1548

47.7720, -3.8316,  
62.4670

143.2100, 1.3755,  
-21.2322

39.7020, -4.2901,  
69.5443

151.2800, 1.8340,  
-28.3096

39.1150, -4.0007,

159.3500, 2.2925,

70.0591

-35.3869

■ 167.4200, 2.7509,  
-42.4643

# Harmonies

## Analogous

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



95.7550, 5.0508, 13.3699



95.4910, -1.2281, 20.6174



94.8950, -7.3432, 22.0171

# Triad

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



95.4910, -1.2281, 20.6174



91.3450, -10.0301, -2.9336



89.2880, 13.1690, -23.9316

# Complementary

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



95.4910, -1.2281, 20.6174



107.5090, 1.2281, -20.6174

# 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.



87.3430, 9.6909, -28.3648



95.4910, -1.2281, 20.6174



89.7610, -4.3192, -14.6994

# Square

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



95.4910, -1.2281, 20.6174



92.7270, -12.6834, 8.1324



87.9430, 2.9861, -24.5060



92.3650, 13.1311, -11.7211



# Rectangle

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



95.4910, -1.2281, 20.6174



94.0750, -10.3900, 19.2282



87.9430, 2.9861, -24.5060



88.7500, 12.4483, -26.0907

# Sweetspot

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



95.4910, -1.2281, 20.6174



146.5280, -0.7533, 8.3069



95.7640, 11.4553, 12.4850



73.0330, -0.0163, 5.2331



207.0000, 0.0000, 0.0000



79.0000, 0.0000, 0.0000



# Same Dimension

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



95.4910, -1.2281, 20.6174



119.0410, -1.9922, 32.4130



99.1610, -7.4744, 17.3988



54.9080, -0.4476, 3.5887



40.0120, -4.4429, 71.9035



82.0460, -8.8967, 147.2957



# Inverse Universe

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



95.4910, -1.2281, 20.6174



119.0410, -1.9922, 32.4130



103.8390, 7.4744, -17.3988



54.9080, -0.4476, 3.5887



40.0120, -4.4429, 71.9035

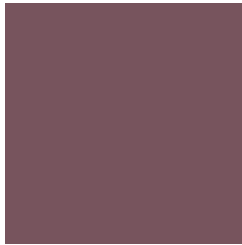


82.0460, -8.8967, 147.2957



# Previews

## White Background



This preview shows how the YUV color 95.4910, -1.2281, 20.6174 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 95.4910, -1.2281, 20.6174 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

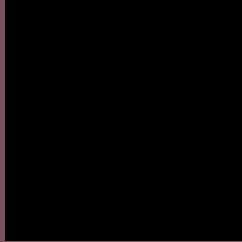
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# YUV 95.4910, -1.2281, 20.6174

## Background



This preview shows how black text looks on a background with the YUV color 95.4910, -1.2281, 20.6174.



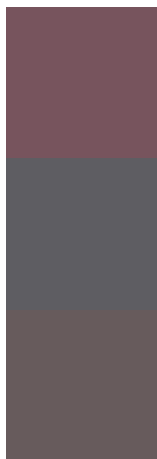
This preview shows how white text looks on a background with the YUV color 95.4910, -1.2281,



# 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

95.4910, -1.2281, 20.6174

### Protanopia

93.8690, 2.0366, 0.1149

### Deuteranopia

94.7020, -1.3321, 7.2773



## Tritanopia

95.2630, -2.1017, 20.8173

# Trichromacy



## Original Color

95.4910, -1.2281, 20.6174

## Protanomaly

94.5710, 0.7045, 7.3922

## Deuteranomaly

94.7350, -1.3484, 12.5104

## Tritanomaly

95.3770, -1.6649, 20.7174

# Monochromacy



## Original Color

95.4910, -1.2281, 20.6174

## Achromatopsia

95.0000, 0.0000, 0.0000

## Achromatomaly

95.2290, -0.6059, 7.6922

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 95.4910, -1.2281, 20.6174 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(119, 84, 93)` looks like.

```
.text, #text, p{  
    color:rgb(119, 84, 93)  
}
```

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(119, 84, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 84, 93) }
```

## Border

The CSS property to change the border of an element to YUV 95.4910, -1.2281, 20.6174 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(119, 84, 93) }
```



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

```
.border{ border-color:rgb(119, 84, 93) }
```

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

Here you see how a box with a 4 pixel rgb(119, 84, 93) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 84, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 84, 93);  
box-shadow:4px 4px 4px 4px rgb(119, 84,  
93) }
```

# Background

The CSS property to change the background color of an element to YUV 95.4910, -1.2281, 20.6174 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 84, 93) }
```

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

```
.background{ background-color: rgb(119, 84,  
93) }
```

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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