

# Converting Colors

YUV(95.5950, -2.2653, 26.6652)

Have a look what the booklet for  
YUV(95.5950, -2.2653, 26.6652)  
contains.

<b>YUV(95.5950, -2.2653, 26.6652)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**YUV(95.5950, -2.2653,  
26.6652)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7E515B
RGB	126, 81, 91
RGB Percent	49%, 32%, 36%
CMY	0.5059, 0.6824, 0.6431
CMYK	0.00, 0.36, 0.28, 0.51
HSL	347°, 22%, 41%
HSV	347°, 36%, 49%
XYZ	13.4349, 11.0758, 11.3273
YIQ	95.5950, 23.6100, 12.6500

# Conversions

## Conversions Part 2

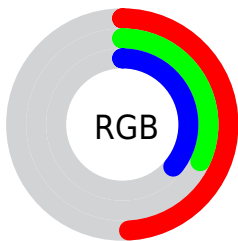
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	126, 81, 91
Decimal	8278363
CIE <sub>Lab</sub>	39.71, 20.34, 1.99
CIE <sub>LCh</sub>	40, 20.433, 5.575
Yxy	11.0758, 0.3749, 0.3091
Android (android.graphics.Color)	4286468443 (0xFF7E515B)
YUV	95.5950, -2.2653, 26.6652
Hunter-Lab	33.2803, 13.8181, 3.1163

# Details

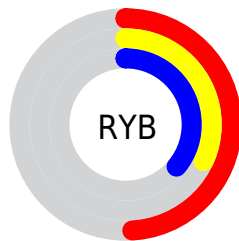
The YUV color **95.5950, -2.2653, 26.6652** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **111.4050, 2.2653, -26.6652**, and the grayscale version is **96.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **146.7910, -2.8550, 29.1243**, and **48.1000, -1.5283, 23.5913** is the 20% darker color. If you saturate the color by 10%, you get **86.8240, -2.8712, 34.3574**, and if you desaturate by 10%, it is **104.3660, -1.6594, 18.9730**.

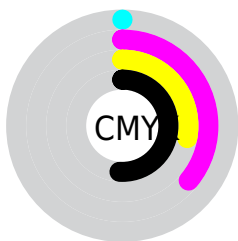
# Distribution



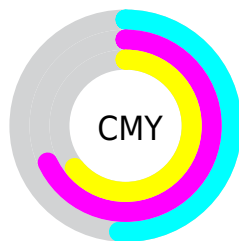
- Red (49%)
- Green (32%)
- Blue (36%)



- Red (49%)
- Yellow (32%)
- Blue (36%)



- Cyan (0%)
- Magenta (36%)
- Yellow (28%)
- Black (51%)



- Cyan (51%)
- Magenta (68%)
- Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 95.5950, -2.2653, 26.6652 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 95.5950, -2.2653, 26.6652 by changing the saturation by 10% instead.



■ 95.5950, -2.2653,  
26.6652

■ 95.5950, -2.2653,  
26.6652

■ 255.0000, 0.0000,  
0.0000

■ 71.6980, -1.8231,  
24.8209

■ 146.7910, -2.8550,  
29.1243

■ 48.1000, -1.5283,  
23.5913

■ 173.3890, -3.1498,  
30.3538

■ 26.3170, -0.6493,  
21.6470

■ 200.8020, -2.8604,  
30.8686

■ 9.9810, -4.4276,  
20.1877

■ 225.9970, -1.9705,  
25.4356

■ 0.0000, 0.0000,  
0.0000

■ 245.7390, 2.5937,  
8.1219

95.5950, -2.2653,  
26.6652

95.5950, -2.2653,  
26.6652

86.8240, -2.8712,  
34.3574

104.3660, -1.6594,  
18.9730

78.6400, -3.7665,  
41.5347

112.5500, -0.7641,  
11.7957

69.9830, -3.9356,  
49.1269

121.2070, -0.5951,  
4.2035

61.7990, -4.8309,  
56.3043

129.3910, 0.3002,  
-2.9739

53.0280, -5.4368,  
63.9964

138.1620, 0.9061,  
-10.6661

44.2570, -6.0427,  
71.6886

146.9330, 1.5120,  
-18.3582

40.8660, -6.3429,  
74.6625

155.1170, 2.4073,  
-25.5356

163.7740, 2.5764,

-33.1278

■ 171.9580, 3.4717,  
-40.3052

# Harmonies

## Analogous

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



96.0160, 5.9081, 18.4030



95.5950, -2.2653, 26.6652



94.6460, -9.6855, 26.6205

# Triad

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



95.5950, -2.2653, 26.6652



90.1660, -11.9138, -5.4076



87.6830, 17.4113, -31.2940

# Complementary

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



95.5950, -2.2653, 26.6652



111.4050, 2.2653, -26.6652

# 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.



84.0040, 13.8020, -40.3455



95.5950, -2.2653, 26.6652



87.4290, -4.1555, -20.5472

# Square

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



95.5950, -2.2653, 26.6652



92.5160, -16.0304, 8.3175



85.1590, 5.3446, -34.3424



92.2660, 16.6309, -14.2653



# Rectangle

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



95.5950, -2.2653, 26.6652



94.0000, -13.3110, 22.8020



85.1590, 5.3446, -34.3424



85.8350, 16.8433, -35.8123

# Sweetspot

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



95.5950, -2.2653, 26.6652



150.8380, -0.9061, 10.6661



96.5950, 14.4967, 17.0182



74.5170, -0.7479, 6.5626



209.0000, 0.0000, 0.0000



82.0000, 0.0000, 0.0000



# Same Dimension

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



95.5950, -2.2653, 26.6652



115.7540, -3.3297, 41.4347



101.4990, -10.1060, 21.4874



59.3210, -0.1583, 4.1035



41.4640, -6.6378, 75.8921



0.0000, 0.0000, 0.0000



# Inverse Universe

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



95.5950, -2.2653, 26.6652



115.7540, -3.3297, 41.4347



105.5010, 10.1060, -21.4874



59.3210, -0.1583, 4.1035



41.4640, -6.6378, 75.8921

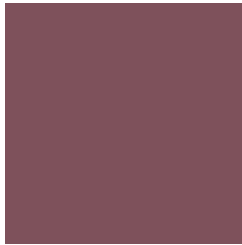


0.0000, 0.0000, 0.0000



# Previews

## White Background



This preview shows how the YUV color 95.5950, -2.2653, 26.6652 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

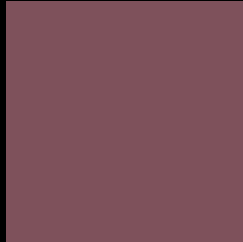
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 95.5950, -2.2653, 26.6652 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

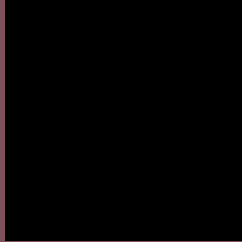
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

**YUV 95.5950, -2.2653, 26.6652**

## **Background**



This preview shows how black text looks on a background with the YUV color 95.5950, -2.2653, 26.6652.



This preview shows how white text looks on a background with the YUV color 95.5950, -2.2653,



# 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

95.5950, -2.2653, 26.6652

### Protanopia

93.8690, 2.0366, 0.1149

### Deuteranopia

94.9580, -2.9373, 8.8068



## Tritanopia

95.8400, -3.8651, 26.4503

# Trichromacy



## Original Color

95.5950, -2.2653, 26.6652

## Protanomaly

94.7670, 0.1149, 9.8513

## Deuteranomaly

95.1160, -2.5222, 15.6843

## Tritanomaly

95.9540, -3.4283, 26.3503

# Monochromacy



## Original Color

95.5950, -2.2653, 26.6652

## Achromatopsia

96.0000, 0.0000, 0.0000

## Achromatomaly

96.1260, -1.0481, 9.5365

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 95.5950, -2.2653, 26.6652 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(126, 81, 91)` looks like.

```
.text, #text, p{  
    color:rgb(126, 81, 91)  
}
```

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(126, 81, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 81, 91) }
```

## Border

The CSS property to change the border of an element to YUV 95.5950, -2.2653, 26.6652 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(126, 81, 91) }
```



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

```
.border{ border-color:rgb(126, 81, 91) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 81, 91)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 81, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 81, 91);  
box-shadow:4px 4px 4px 4px rgb(126, 81,  
91) }
```

# Background

The CSS property to change the background color of an element to YUV 95.5950, -2.2653, 26.6652 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 81, 91) }
```

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

```
.background{ background-color: rgb(126, 81,  
91) }
```

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