

# Converting Colors

YUV(94.5910, -26.4204,  
27.5457)

Have a look what the booklet for  
YUV(94.5910, -26.4204, 27.5457)  
contains.

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# Color

**YUV(94.5910, -26.4204,  
27.5457)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7E5929
RGB	126, 89, 41
RGB Percent	49%, 35%, 16%
CMY	0.5059, 0.6510, 0.8392
CMYK	0.00, 0.29, 0.67, 0.51
HSL	34°, 51%, 33%
HSV	34°, 67%, 49%
XYZ	12.5768, 11.7405, 3.7011
YIQ	94.5910, 37.4600, -7.0840

# Conversions

## Conversions Part 2

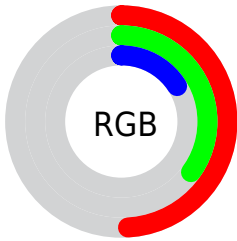
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	107, 126, 41
Decimal	8280361
CIE Lab	40.80, 9.96, 33.15
CIE LCh	41, 34.609, 73.277
Yxy	11.7405, 0.4489, 0.4190
Android (android.graphics.Color)	4286470441 (0xFF7E5929)
YUV	94.5910, -26.4204, 27.5457
Hunter-Lab	34.2644, 5.5561, 17.5808

# Details

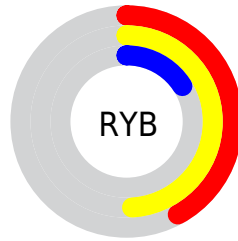
The YUV color **94.5910, -26.4204, 27.5457** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **72.4090, 26.4204, -27.5457**, and the grayscale version is **95.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **145.7440, -28.4678, 30.9195**, and **47.9540, -23.6413, 22.8423** is the 20% darker color. If you saturate the color by 10%, you get **90.1740, -30.6518, 31.4194**, and if you desaturate by 10%, it is **99.0080, -22.1889, 23.6720**.

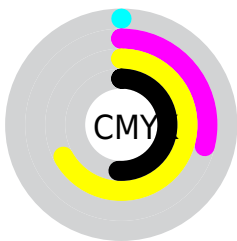
# Distribution



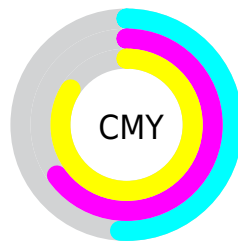
- Red (49%)
- Green (35%)
- Blue (16%)



- Red (42%)
- Yellow (49%)
- Blue (16%)



- Cyan (0%)
- Magenta (29%)
- Yellow (67%)
- Black (51%)




- Cyan (51%)
- Magenta (65%)
- Yellow (84%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 94.5910, -26.4204, 27.5457 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 94.5910, -26.4204, 27.5457 by changing the saturation by 10% instead.




 94.5910, -26.4204,  
27.5457


 94.5910, -26.4204,  
27.5457


255.0000, 0.0000,  
0.0000

 70.3950, -25.8307,  
25.0866


 145.7440,  
-28.4678, 30.9195


 47.9540, -23.6413,  
22.8423


 172.5270,  
-29.3468, 32.8638

 27.8530, -13.7315,  
17.6689

 200.0110,  
-30.0784, 34.1934

 7.1760, -3.5378,  
14.7546

 224.3090,  
-28.7463, 26.9160

 0.0000, 0.0000,  
0.0000

 244.4100,  
-25.3451, 9.2874

 251.1240,

-14.8511, 3.3993

254.4300, -2.1840,  
0.4999

■ 94.5910, -26.4204,  
27.5457

■ 94.5910, -26.4204,  
27.5457

■ 90.1740, -30.6518,  
31.4194

■ 99.0080, -22.1889,  
23.6720

■ 85.2840, -34.1570,  
35.7079

■ 103.8980,  
-18.6837, 19.3835

■ 80.8670, -38.3884,  
39.5816

■ 108.3150,  
-14.4523, 15.5097

■ 79.3510, -39.1200,  
40.9112

■ 113.2050,  
-10.9471, 11.2212

■ 117.6220, -6.7156,  
7.3475

■ 122.6260, -2.7736,  
2.9590

■ 126.9290, 1.0210,  
-0.8147

■ 131.9330, 4.9630,  
-5.2032

■ 136.2360, 8.7577,  
-8.9770

# Harmonies

## Analogous

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



96.1550, -18.3174, 41.9601



94.5910, -26.4204, 27.5457



92.6440, -26.9395, 7.3282

# Triad

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



94.5910, -26.4204, 27.5457



77.4690, 15.0518, -67.9403



99.4250, 19.0175, 13.6593

# Complementary

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



94.5910, -26.4204, 27.5457



72.4090, 26.4204, -27.5457

# 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.



94.2080, 27.9985, -20.3534



94.5910, -26.4204, 27.5457



79.2590, 26.9873, -69.5101

# Square

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



94.5910, -26.4204, 27.5457



78.9690, 0.0153, -51.7158



78.1480, 35.4230, -68.5358



98.1800, 7.3063, 36.6761



# Rectangle

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



94.5910, -26.4204, 27.5457



90.3260, -21.3597, -9.0559



78.1480, 35.4230, -68.5358



98.5700, 22.3970, 3.0081

# Sweetspot

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



94.5910, -26.4204, 27.5457



151.1340, -9.9261, 10.4065



70.7470, 4.0687, 48.4569



74.4370, -6.1314, 6.6328



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.



94.5910, -26.4204, 27.5457



114.4930, -41.1620, 42.5406



115.1140, -36.5382, 6.0390



61.4410, -2.1894, 2.2442



80.5360, -39.7042, 41.6259



0.0000, 0.0000, 0.0000



# Inverse Universe

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



72.4090, 26.4204, -27.5457



80.0940, 40.8727, -43.0554



51.8860, 36.5382, -6.0390



59.5590, 2.1894, -2.2442



47.4640, 39.7042, -41.6259



0.0000, 0.0000, 0.0000



# Previews

## White Background



This preview shows how the YUV color 94.5910, -26.4204, 27.5457 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 94.5910, -26.4204, 27.5457 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 94.5910, -26.4204, 27.5457

## Background



This preview shows how black text looks on a background with the YUV color 94.5910, -26.4204, 27.5457.



This preview shows how white text looks on a background with the YUV color 94.5910, -26.4204,



# 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

94.5910, -26.4204, 27.5457

### Protanopia

93.8340, -25.0612, 11.5466

### Deuteranopia

94.4440, -26.8409, 22.4126



## Tritanopia

98.1390, -4.0125, 27.0651

# Trichromacy



## Original Color

94.5910, -26.4204, 27.5457

## Protanomaly

94.0520, -25.6616, 17.4944

## Deuteranomaly

94.4550, -26.8463, 24.1570

## Tritanomaly

96.9620, -12.3063, 27.2203

# Monochromacy



## Original Color

94.5910, -26.4204, 27.5457

## Achromatopsia

95.0000, 0.0000, 0.0000

## Achromatomaly

94.8350, -9.7787, 9.7917

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 94.5910, -26.4204, 27.5457 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, 89, 41)` looks like.

```
.text, #text, p{  
    color:rgb(126, 89, 41)  
}
```

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, 89, 41) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 89, 41) }
```

## Border

The CSS property to change the border of an element to YUV 94.5910, -26.4204, 27.5457 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, 89, 41) }
```



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

```
.border{ border-color:rgb(126, 89, 41) }
```

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

Here you see how a box with a 4 pixel rgb(126, 89, 41) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 89, 41); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 89, 41);  
box-shadow:4px 4px 4px 4px rgb(126, 89,  
41) }
```

# Background

The CSS property to change the background color of an element to YUV 94.5910, -26.4204, 27.5457 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 89, 41) }
```

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

```
.background{ background-color: rgb(126, 89,  
41) }
```

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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