

# Converting Colors

YUV(124.5260, -7.6543,  
28.4797)

Have a look what the booklet for  
YUV(124.5260, -7.6543, 28.4797)  
contains.

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# Color

**YUV(124.5260, -7.6543,  
28.4797)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9D6F6D
RGB	157, 111, 109
RGB Percent	62%, 44%, 43%
CMY	0.3843, 0.5647, 0.5725
CMYK	0.00, 0.29, 0.31, 0.38
HSL	3°, 20%, 52%
HSV	3°, 31%, 62%
XYZ	22.3494, 19.6411, 17.0812
YIQ	124.5260, 28.0580, 9.1300

# Conversions

## Conversions Part 2

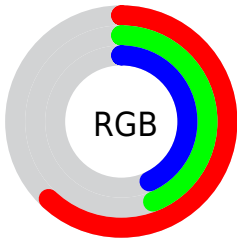
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	157, 111, 109
Decimal	10317677
CIE <sub>Lab</sub>	51.43, 17.97, 8.39
CIE <sub>LCh</sub>	51, 19.832, 25.032
Yxy	19.6411, 0.3783, 0.3325
Android (android.graphics.Color)	4288507757 (0xFF9D6F6D)
YUV	124.5260, -7.6543, 28.4797
Hunter-Lab	44.3183, 12.4592, 8.1712

# Details

The YUV color **124.5260, -7.6543, 28.4797** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **141.4740, 7.6543, -28.4797**, and the grayscale version is **125.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **177.6080, -8.6807, 31.0388**, and **75.1450, -6.4805, 25.3058** is the 20% darker color. If you saturate the color by 10%, you get **113.8970, -10.3022, 37.8013**, and if you desaturate by 10%, it is **135.1550, -5.0064, 19.1581**.

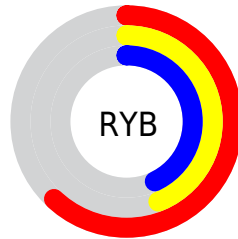
# Distribution



Red (62%)

Green (44%)

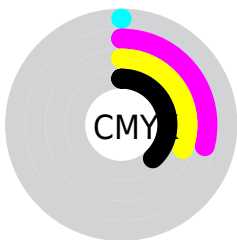
Blue (43%)



Red (62%)

Yellow (44%)

Blue (43%)

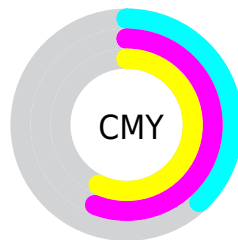


Cyan (0%)

Magenta (29%)

Yellow (31%)

Black (38%)



Cyan (38%)

Magenta (56%)

Yellow (57%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 124.5260, -7.6543, 28.4797 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 124.5260, -7.6543, 28.4797 by changing the saturation by 10% instead.





 124.5260, -7.6543,  
28.4797


 124.5260, -7.6543,  
28.4797


255.0000, 0.0000,  
0.0000


 99.0420, -6.9227,  
27.1502


 177.6080, -8.6807,  
31.0388

 75.1450, -6.4805,  
25.3058


 204.9070, -8.8282,  
31.6536

 51.6610, -5.7489,  
23.9763

 228.7210, -6.7645,  
23.0467

 29.7640, -5.3067,  
22.1320

 249.0500, -2.4896,  
5.2182

 10.4650, -5.1592,  
21.5172

 0.0000, 0.0000,  
0.0000

■ 124.5260, -7.6543,  
28.4797

■ 124.5260, -7.6543,  
28.4797

■ 113.8970,  
-10.3022, 37.8013

■ 135.1550, -5.0064,  
19.1581

■ 103.3820,  
-12.5133, 47.0230

■ 145.6700, -2.7953,  
9.9364

■ 92.7530, -15.1612,  
56.3446

■ 156.2990, -0.1474,  
0.6148

■ 82.1240, -17.8091,  
65.6663

■ 166.9280, 2.5005,  
-8.7069

■ 71.4950, -20.4570,  
74.9879

■ 177.5570, 5.1484,  
-18.0285

■ 60.9800, -22.6681,  
84.2095

■ 188.0720, 7.3595,  
-27.2501

■ 51.0520, -25.1686,  
92.9164

■ 198.7010, 10.0074,  
-36.5718

■ 209.3300, 12.6553,

-45.8934

 219.8450, 14.8664,  
-55.1151

# Harmonies

## Analogous

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



124.9800, 0.5029, 25.4505



124.5260, -7.6543, 28.4797



123.4840, -14.0426, 24.1315

# Triad

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



124.5260, -7.6543, 28.4797



118.2510, -7.5187, -15.1291



120.4610, 17.5207, -19.6983

# Complementary

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



124.5260, -7.6543, 28.4797



141.4740, 7.6543, -28.4797

# 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.



116.1450, 16.6905, -33.4532



124.5260, -7.6543, 28.4797



115.8670, 1.5446, -28.8244

# Square

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



124.5260, -7.6543, 28.4797



120.3300, -13.9667, -0.2894



114.8150, 10.4442, -36.6718



123.4740, 14.5563, -2.1697



# Rectangle

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



124.5260, -7.6543, 28.4797



122.8700, -16.2049, 17.6540



114.8150, 10.4442, -36.6718



119.1290, 17.6844, -25.5461

# Sweetspot

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



124.5260, -7.6543, 28.4797



191.3820, -2.6533, 11.0660



128.5960, 13.0172, 24.9103



94.2890, -1.6215, 6.7625



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.



124.5260, -7.6543, 28.4797



153.1860, -11.9237, 44.5639



138.6140, -14.5997, 16.1245



73.3920, -1.1793, 4.9182



46.2790, -22.8155, 84.8243



5.0720, -2.5005, 8.7069



# Inverse Universe

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



141.4740, 7.6543, -28.4797



179.8140, 11.9237, -44.5639



127.3860, 14.5997, -16.1245



76.6080, 1.1793, -4.9182



96.7210, 22.8155, -84.8243



10.5150, 2.2111, -9.2217



# Previews

## White Background



This preview shows how the YUV color 124.5260, -7.6543, 28.4797 looks on a white 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



# Black Background



This preview shows how the YUV color 124.5260, -7.6543, 28.4797 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

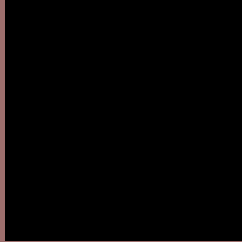
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

# YUV 124.5260, -7.6543, 28.4797

## Background



This preview shows how black text looks on a background with the YUV color 124.5260, -7.6543, 28.4797.



This preview shows how white text looks on a background with the YUV color 124.5260, -7.6543,



# 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

124.5260, -7.6543, 28.4797

### Protanopia

122.6970, -3.7946, 3.7737

### Deuteranopia

123.4380, -7.6109, 14.5249



## Tritanopia

125.2640, -3.5812, 28.7095

# Trichromacy



## Original Color

124.5260, -7.6543, 28.4797

## Protanomaly

123.4100, -5.1321, 12.7954

## Deuteranomaly

123.4710, -7.6272, 19.7579

## Tritanomaly

124.9220, -4.8915, 29.0094

# Monochromacy



## Original Color

124.5260, -7.6543, 28.4797

## Achromatopsia

125.0000, 0.0000, 0.0000

## Achromatomaly

124.9690, -2.9427, 10.5512

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 124.5260, -7.6543, 28.4797 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, 111, 109)` looks like.

```
.text, #text, p{  
    color:rgb(157, 111, 109)  
}
```

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, 111, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 111, 109) }
```

## Border

The CSS property to change the border of an element to YUV 124.5260, -7.6543, 28.4797 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, 111, 109) }
```



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

```
.border{ border-color:rgb(157, 111, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 111, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 111, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 111, 109);  
box-shadow:4px 4px 4px 4px rgb(157, 111,  
109) }
```

# Background

The CSS property to change the background color of an element to YUV 124.5260, -7.6543, 28.4797 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 111, 109) }
```

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

```
.background{ background-color: rgb(157,  
111, 109) }
```

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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