

# Converting Colors

YUV(99.8540, 1.5510, 15.9140)

Have a look what the booklet for  
YUV(99.8540, 1.5510, 15.9140)  
contains.

<b>YUV(99.8540, 1.5510, 15.9140)</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(99.8540, 1.5510,  
15.9140)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	765A67
RGB	118, 90, 103
RGB Percent	46%, 35%, 40%
CMY	0.5373, 0.6471, 0.5961
CMYK	0.00, 0.24, 0.13, 0.54
HSL	332°, 13%, 41%
HSV	332°, 24%, 46%
XYZ	13.5756, 12.1432, 14.4603
YIQ	99.8540, 12.5150, 9.9790

# Conversions

## Conversions Part 2

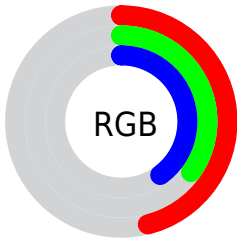
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	118, 90, 103
Decimal	7756391
CIE Lab	41.44, 13.76, -3.00
CIE LCh	41, 14.088, 347.702
Yxy	12.1432, 0.3379, 0.3022
Android (android.graphics.Color)	4285946471 (0xFF765A67)
YUV	99.8540, 1.5510, 15.9140
Hunter-Lab	34.8470, 8.5570, -0.2104

# Details

The YUV color **99.8540, 1.5510, 15.9140** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **108.1460, -1.5510, -15.9140**, and the grayscale version is **100.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **150.5660, 1.6930, 17.0436**, and **52.8430, 1.5564, 14.1697** is the 20% darker color. If you saturate the color by 10%, you get **92.1260, 2.4029, 22.6915**, and if you desaturate by 10%, it is **107.5820, 0.6991, 9.1366**.

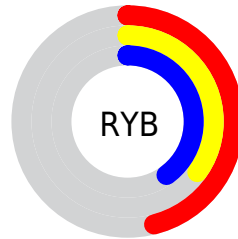
# Distribution



Red (46%)

Green (35%)

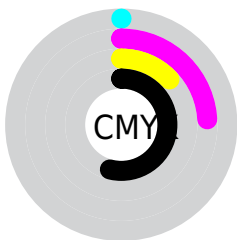
Blue (40%)



Red (46%)

Yellow (35%)

Blue (40%)

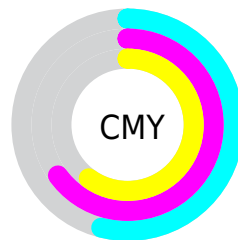


Cyan (0%)

Magenta (24%)

Yellow (13%)

Black (54%)



Cyan (54%)

Magenta (65%)

Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 99.8540, 1.5510, 15.9140 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 99.8540, 1.5510, 15.9140 by changing the saturation by 10% instead.



■ 99.8540, 1.5510,  
15.9140

■ 99.8540, 1.5510,  
15.9140

■ 255.0000, 0.0000,  
0.0000

■ 75.5550, 1.6984,  
15.2993

■ 150.5660, 1.6930,  
17.0436

■ 52.8430, 1.5564,  
14.1697

■ 177.8650, 1.5456,  
17.6584

■ 31.2450, 1.8512,  
12.9401

■ 205.1640, 1.3981,  
18.2732

■ 9.8540, 1.5510,  
15.9140

■ 233.5770, 1.6875,  
18.7880

■ 0.0000, 0.0000,  
0.0000

■ 252.0650, 1.4470,  
2.5740

■ 99.8540, 1.5510,  
15.9140

■ 99.8540, 1.5510,  
15.9140

■ 92.1260, 2.4029,  
22.6915

■ 107.5820, 0.6991,  
9.1366

■ 84.2840, 2.8180,  
29.5689

■ 115.4240, 0.2840,  
2.2592

■ 77.1430, 3.3805,  
35.8316

■ 122.5650, -0.2785,  
-4.0035

■ 69.4150, 4.2324,  
42.6090

■ 130.2930, -1.1304,  
-10.7810

■ 61.5730, 4.6475,  
49.4865

■ 138.1350, -1.5456,  
-17.6584

■ 53.8450, 5.4994,  
56.2639

■ 145.8630, -2.3975,  
-24.4359

■ 46.1170, 6.3513,  
63.0414

■ 153.5910, -3.2494,  
-31.2133

■ 41.5520, 6.6299,

■ 160.8460, -3.3751,

67.0449

-37.5759

 168.5740, -4.2270,  
-44.3534

# Harmonies

## Analogous

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



99.7650, 6.5249, 7.2221



99.8540, 1.5510, 15.9140



99.6820, -4.2802, 19.5729

# Triad

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



99.8540, 1.5510, 15.9140



96.3780, -10.0464, 2.2995



93.7890, 9.9640, -22.6170

# Complementary

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



99.8540, 1.5510, 15.9140



108.1460, -1.5510, -15.9140

# 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.



92.6380, 5.6015, -23.3615



99.8540, 1.5510, 15.9140



94.9360, -6.3774, -7.8369

# Square

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



99.8540, 1.5510, 15.9140



97.5040, -11.0945, 11.8360



93.6620, -0.8194, -17.2436



95.7020, 11.9789, -15.5247



# Rectangle

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



99.8540, 1.5510, 15.9140



99.1720, -7.4798, 19.1432



93.6620, -0.8194, -17.2436



93.4360, 8.6591, -24.0614

# Sweetspot

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



99.8540, 1.5510, 15.9140



145.8590, 0.5625, 6.2627



97.6770, 10.0192, 6.4223



72.4350, 0.2785, 4.0035



204.0000, 0.0000, 0.0000



77.0000, 0.0000, 0.0000



# Same Dimension

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



99.8540, 1.5510, 15.9140



125.1370, 2.3975, 24.4359



98.9590, -4.4168, 16.6990



55.1360, 0.4260, 3.3887



42.9760, 6.9138, 69.3040



87.9740, 13.8168, 142.0968



# Inverse Universe

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



99.8540, 1.5510, 15.9140



125.1370, 2.3975, 24.4359



109.0410, 4.4168, -16.6990



55.1360, 0.4260, 3.3887



42.9760, 6.9138, 69.3040

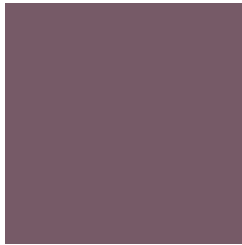


87.9740, 13.8168, 142.0968



# Previews

## White Background



This preview shows how the YUV color 99.8540, 1.5510, 15.9140 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 99.8540, 1.5510, 15.9140 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

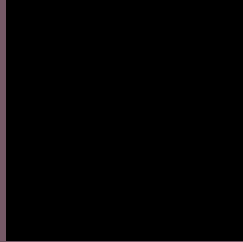
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# YUV 99.8540, 1.5510, 15.9140

## Background



This preview shows how black text looks on a background with the YUV color 99.8540, 1.5510, 15.9140.



This preview shows how white text looks on a background with the YUV color 99.8540, 1.5510,



# 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

99.8540, 1.5510, 15.9140

### Protanopia

98.1400, 4.3680, -0.9998

### Deuteranopia

99.0870, 1.4361, 6.0627



## Tritanopia

99.5720, -0.7750, 15.2844

# Trichromacy



## Original Color

99.8540, 1.5510, 15.9140

## Protanomaly

98.6570, 3.6201, 5.5628

## Deuteranomaly

99.1090, 1.4253, 9.5514

## Tritanomaly

99.8000, 0.0986, 15.0844

# Monochromacy



## Original Color

99.8540, 1.5510, 15.9140

## Achromatopsia

100.0000, 0.0000, 0.0000

## Achromatomaly

99.8590, 0.5625, 6.2627

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 99.8540, 1.5510, 15.9140 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(118, 90, 103)` looks like.

```
.text, #text, p{  
    color:rgb(118, 90, 103)  
}
```

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(118, 90, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 90, 103) }
```

## Border

The CSS property to change the border of an element to YUV 99.8540, 1.5510, 15.9140 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(118, 90, 103) }
```



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

```
.border{ border-color:rgb(118, 90, 103) }
```

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

Here you see how a box with a 4 pixel rgb(118, 90, 103) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 90, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 90, 103);  
box-shadow:4px 4px 4px 4px rgb(118, 90,  
103) }
```

# Background

The CSS property to change the background color of an element to YUV 99.8540, 1.5510, 15.9140 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 90, 103) }
```

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

```
.background{ background-color: rgb(118, 90,  
103) }
```

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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