

# Converting Colors

YUV(103.2950, -4.0894, 5.0033)

Have a look what the booklet for  
YUV(103.2950, -4.0894, 5.0033)  
contains.

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# Color

**YUV(103.2950, -4.0894,  
5.0033)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6D665F
RGB	109, 102, 95
RGB Percent	43%, 40%, 37%
CMY	0.5725, 0.6000, 0.6275
CMYK	0.00, 0.06, 0.13, 0.57
HSL	30°, 7%, 40%
HSV	30°, 13%, 43%
XYZ	13.1236, 13.5802, 12.7560
YIQ	103.2950, 6.4190, -0.6930

# Conversions

## Conversions Part 2

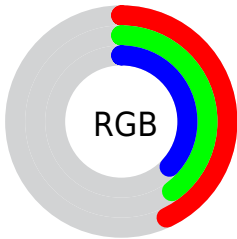
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	109, 109, 95
Decimal	7169631
CIE Lab	43.62, 1.43, 4.94
CIE LCh	44, 5.141, 73.895
Yxy	13.5802, 0.3326, 0.3442
Android (android.graphics.Color)	4285359711 (0xFF6D665F)
YUV	103.2950, -4.0894, 5.0033
Hunter-Lab	36.8513, -0.9217, 5.2728

# Details

The YUV color **103.2950, -4.0894, 5.0033** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **100.7050, 4.0894, -5.0033**, and the grayscale version is **103.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **154.4800, -4.6736, 5.7180**, and **56.1100, -3.5052, 4.2885** is the 20% darker color. If you saturate the color by 10%, you get **99.1060, -7.4473, 8.6770**, and if you desaturate by 10%, it is **107.4840, -0.7316, 1.3295**.

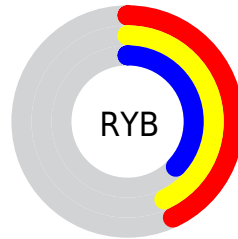
# Distribution



Red (43%)

Green (40%)

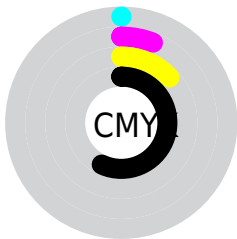
Blue (37%)



Red (43%)

Yellow (43%)

Blue (37%)

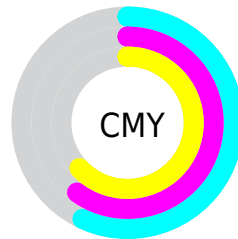


Cyan (0%)

Magenta (6%)

Yellow (13%)

Black (57%)



Cyan (57%)

Magenta (60%)

Yellow (63%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 103.2950, -4.0894, 5.0033 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 103.2950, -4.0894, 5.0033 by changing the saturation by 10% instead.



■ 103.2950, -4.0894,  
5.0033

■ 103.2950, -4.0894,  
5.0033

255.0000, 0.0000,  
0.0000

■ 79.2950, -4.0894,  
5.0033

■ 154.4800, -4.6736,  
5.7180

■ 56.1100, -3.5052,  
4.2885

■ 181.4800, -4.6736,  
5.7180

■ 35.1100, -3.5052,  
4.2885

■ 208.4800, -4.6736,  
5.7180

■ 13.1380, -5.9840,  
6.0180

■ 236.7790, -4.8210,  
6.3328

■ 0.0000, 0.0000,  
0.0000

■ 103.2950, -4.0894,

■ 103.2950, -4.0894,

5.0033

5.0033

■ 99.1060, -7.4473,  
8.6770

■ 107.4840, -0.7316,  
1.3295

■ 94.3300, -10.5157,  
12.8656

■ 112.2600, 2.3368,  
-2.8590

■ 90.1410, -13.8735,  
16.5393

■ 116.4490, 5.6946,  
-6.5328

■ 85.3650, -16.9419,  
20.7279

■ 121.2250, 8.7631,  
-10.7213

■ 81.2900, -19.8630,  
24.3017

■ 125.4140, 12.1209,  
-14.3951

■ 76.5140, -22.9314,  
28.4902

■ 130.0760, 14.7525,  
-18.4837

■ 72.3250, -26.2892,  
32.1640

■ 134.2650, 18.1104,  
-22.1574

■ 67.5490, -29.3577,  
36.3525

■ 139.0410, 21.1788,  
-26.3460

■ 64.8760, -31.9839,  
38.6967

■ 143.2300, 24.5366,  
-30.0197

# Harmonies

## Analogous

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



103.8330, -3.3687, 7.1625



103.2950, -4.0894, 5.0033



102.6860, -3.7892, 2.0294

# Triad

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



103.2950, -4.0894, 5.0033



101.9990, 1.4795, -7.8921



103.4070, 2.7573, 2.2741

# Complementary

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



103.2950, -4.0894, 5.0033



100.7050, 4.0894, -5.0033

# 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.



103.3140, 3.7892, -2.0294



103.2950, -4.0894, 5.0033



101.8680, 3.5161, -7.7772

# Square

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



103.2950, -4.0894, 5.0033



101.5540, -0.2731, -5.7479



102.4060, 4.2368, -5.6181



103.6740, 1.1467, 5.5479



# Rectangle

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



103.2950, -4.0894, 5.0033



102.1910, -3.0522, -1.0445



102.4060, 4.2368, -5.6181



103.8090, 3.0522, 1.0445

# Sweetspot

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



103.2950, -4.0894, 5.0033



140.5550, -1.7526, 2.1443



99.9840, 0.9939, 7.9070



70.0710, -1.0210, 0.8147



199.0000, 0.0000, 0.0000



71.0000, 0.0000, 0.0000



# Same Dimension

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



103.2950, -4.0894, 5.0033



134.0350, -6.4263, 7.8623



107.4040, -6.1152, 1.3997



51.5550, -1.7526, 2.1443



69.6160, -34.3207, 41.5558



144.8690, -71.4204, 87.8149



# Inverse Universe

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



100.7050, 4.0894, -5.0033



129.9650, 6.4263, -7.8623



96.5960, 6.1152, -1.3997



50.4450, 1.7526, -2.1443



47.9710, 34.0313, -42.0706



99.5440, 71.7098, -87.3001



# Previews

## White Background



This preview shows how the YUV color 103.2950, -4.0894, 5.0033 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

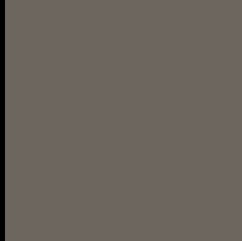
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 103.2950, -4.0894, 5.0033 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 103.2950, -4.0894, 5.0033**

## **Background**



This preview shows how black text looks on a background with the YUV color 103.2950, -4.0894, 5.0033.



This preview shows how white text looks on a background with the YUV color 103.2950, -4.0894,



# 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

103.2950, -4.0894, 5.0033

### Protanopia

103.2840, -4.0840, 3.2589

### Deuteranopia

103.6270, -4.2531, 10.8511



## Tritanopia

104.2010, 1.8729, 5.9627

# Trichromacy



## Original Color

103.2950, -4.0894, 5.0033

## Protanomaly

103.5830, -4.2314, 3.8737

## Deuteranomaly

103.3170, -4.1003, 8.4920

## Tritanomaly

103.9190, -0.4531, 5.3330

# Monochromacy



## Original Color

103.2950, -4.0894, 5.0033

## Achromatopsia

103.0000, 0.0000, 0.0000

## Achromatomaly

103.2560, -1.6052, 1.5295

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 103.2950, -4.0894, 5.0033 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(109, 102, 95)` looks like.

```
.text, #text, p{  
    color:rgb(109, 102, 95)  
}
```

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(109, 102, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 102, 95) }
```

## Border

The CSS property to change the border of an element to YUV 103.2950, -4.0894, 5.0033 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(109, 102, 95) }
```



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

```
.border{ border-color:rgb(109, 102, 95) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 102, 95)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 102, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 102, 95);  
box-shadow:4px 4px 4px 4px rgb(109, 102,  
95) }
```

# Background

The CSS property to change the background color of an element to YUV 103.2950, -4.0894, 5.0033 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 102, 95) }
```

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

```
.background{ background-color: rgb(109,  
102, 95) }
```

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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