

# Converting Colors

YUV(107.9940, -7.3920,  
37.7163)

Have a look what the booklet for  
YUV(107.9940, -7.3920, 37.7163)  
contains.

<b>YUV(107.9940, -7.3920, 37.7163)</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(107.9940, -7.3920,  
37.7163)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	97595D
RGB	151, 89, 93
RGB Percent	59%, 35%, 36%
CMY	0.4078, 0.6510, 0.6353
CMYK	0.00, 0.41, 0.38, 0.41
HSL	356°, 26%, 47%
HSV	356°, 41%, 59%
XYZ	18.3107, 14.5144, 12.1924
YIQ	107.9940, 35.6680, 14.3880

# Conversions

## Conversions Part 2

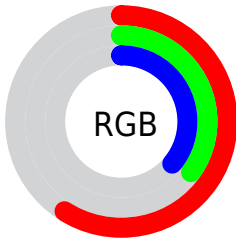
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	151, 89, 93
Decimal	9918813
CIE <sub>Lab</sub>	44.96, 26.01, 8.71
CIE <sub>LCh</sub>	45, 27.427, 18.510
Yxy	14.5144, 0.4067, 0.3224
Android (android.graphics.Color)	4288108893 (0xFF97595D)
YUV	107.9940, -7.3920, 37.7163
Hunter-Lab	38.0977, 19.1202, 7.6939

# Details

The YUV color **107.9940, -7.3920, 37.7163** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **132.0060, 7.3920, -37.7163**, and the grayscale version is **108.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **160.3750, -8.5659, 40.8901**, and **59.3140, -6.0708, 33.9276** is the 20% darker color. If you saturate the color by 10%, you get **97.5930, -9.1663, 46.8379**, and if you desaturate by 10%, it is **118.3950, -5.6177, 28.5946**.

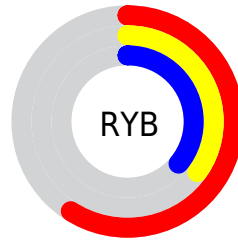
# Distribution



Red (59%)

Green (35%)

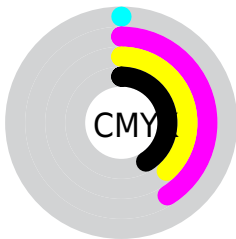
Blue (36%)



Red (59%)

Yellow (35%)

Blue (36%)

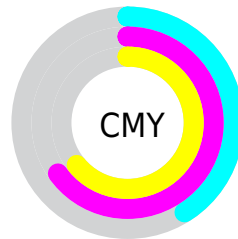


Cyan (0%)

Magenta (41%)

Yellow (38%)

Black (41%)



Cyan (41%)

Magenta (65%)


Yellow (64%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 107.9940, -7.3920, 37.7163 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 107.9940, -7.3920, 37.7163 by changing the saturation by 10% instead.




 107.9940, -7.3920,  
37.7163

 107.9940, -7.3920,  
37.7163


255.0000, 0.0000,  
0.0000


 83.0970, -6.9498,  
35.8719


 160.3750, -8.5659,  
40.8901

 59.3140, -6.0708,  
33.9276


 187.9730, -8.8607,  
42.1197


 35.7590, -4.3182,  
31.7834

 212.5810, -7.6814,  
37.2015

 14.6510, -7.2229,  
30.1241

 232.2090, -3.5540,  
19.9877

 3.2890, -1.6215,  
6.7625

 252.4240, 0.2840,  
2.2592

 0.0000, 0.0000,  
0.0000

■ 107.9940, -7.3920,  
37.7163

■ 107.9940, -7.3920,  
37.7163

■ 97.5930, -9.1663,  
46.8379

■ 118.3950, -5.6177,  
28.5946

■ 87.1920, -10.9407,  
55.9596

■ 128.7960, -3.8434,  
19.4729

■ 76.7910, -12.7150,  
65.0813

■ 139.1970, -2.0691,  
10.3512

■ 66.2760, -14.9261,  
74.3029

■ 149.7120, 0.1420,  
1.1296

■ 55.8750, -16.7004,  
83.4246

■ 160.1130, 1.9163,  
-7.9921

■ 46.2890, -17.8905,  
91.8315

■ 171.1010, 3.4012,  
-17.6286

■ 181.5020, 5.1755,  
-26.7503

■ 191.9030, 6.9498,

-35.8719

■ 202.3040, 8.7241,  
-44.9936

# Harmonies

## Analogous

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



108.8220, 3.5388, 31.7281



107.9940, -7.3920, 37.7163



106.8550, -16.6905, 33.4532

# Triad

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



107.9940, -7.3920, 37.7163



100.2740, -12.4601, -16.9033



99.4140, 25.4319, -37.1971

# Complementary

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



107.9940, -7.3920, 37.7163



132.0060, 7.3920, -37.7163

# 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.



86.7430, 26.2557, -68.1806



107.9940, -7.3920, 37.7163



95.5730, 0.7035, -39.0905

# Square

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



107.9940, -7.3920, 37.7163



103.0440, -20.2347, 3.4694



86.8330, 16.3513, -64.7515



106.8520, 21.2720, -9.5172



# Rectangle

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



107.9940, -7.3920, 37.7163



105.7740, -20.5946, 25.6312



86.8330, 16.3513, -64.7515



95.7610, 25.7538, -47.1484

# Sweetspot

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



107.9940, -7.3920, 37.7163



179.9910, -2.9536, 14.0399



113.4100, 18.5319, 29.4584



89.8870, -1.9163, 7.9921



227.0000, 0.0000, 0.0000



99.0000, 0.0000, 0.0000



# Same Dimension

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



107.9940, -7.3920, 37.7163



129.3880, -11.5303, 58.4187



123.3870, -16.9528, 24.2166



71.3920, -1.1793, 4.9182



42.8860, -16.7058, 85.1690



4.0010, -1.4795, 7.8921



# Inverse Universe

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



107.9940, -7.3920, 37.7163



129.3880, -11.5303, 58.4187



116.6130, 16.9528, -24.2166



71.3920, -1.1793, 4.9182



42.8860, -16.7058, 85.1690



4.0010, -1.4795, 7.8921



# Previews

## White Background



This preview shows how the YUV color 107.9940, -7.3920, 37.7163 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

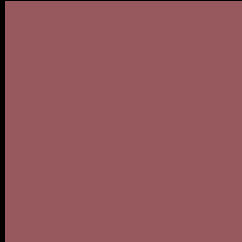
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 107.9940, -7.3920, 37.7163 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 107.9940, -7.3920, 37.7163

## Background



This preview shows how black text looks on a background with the YUV color 107.9940, -7.3920, 37.7163.



This preview shows how white text looks on a background with the YUV color 107.9940, -7.3920,



# 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

107.9940, -7.3920, 37.7163

### Protanopia

106.7400, -2.3368, 2.8590

### Deuteranopia

107.6120, -8.1897, 13.4953



## Tritanopia

108.2220, -6.5184, 37.5163

# Trichromacy



## Original Color

107.9940, -7.3920, 37.7163

## Protanomaly

107.3610, -4.1220, 15.4694

## Deuteranomaly

107.7810, -7.7800, 22.1171

## Tritanomaly

108.1080, -6.9552, 37.6163

# Monochromacy



## Original Color

107.9940, -7.3920, 37.7163

## Achromatopsia

108.0000, 0.0000, 0.0000

## Achromatomaly

108.1050, -2.5168, 13.9399

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 107.9940, -7.3920, 37.7163 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(151, 89, 93)` looks like.

```
.text, #text, p{  
    color:rgb(151, 89, 93)  
}
```

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(151, 89, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 89, 93) }
```

## Border

The CSS property to change the border of an element to YUV 107.9940, -7.3920, 37.7163 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(151, 89, 93) }
```



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

```
.border{ border-color:rgb(151, 89, 93) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 89, 93)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 89, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 89, 93);  
box-shadow:4px 4px 4px 4px rgb(151, 89,  
93) }
```

# Background

The CSS property to change the background color of an element to YUV 107.9940, -7.3920, 37.7163 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 89, 93) }
```

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

```
.background{ background-color: rgb(151, 89,  
93) }
```

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