

# Converting Colors

YUV(82.3910, 10.6532, 36.4911)

Have a look what the booklet for  
YUV(82.3910, 10.6532, 36.4911)  
contains.

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# Color

**YUV(82.3910, 10.6532,  
36.4911)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7C3968
RGB	124, 57, 104
RGB Percent	49%, 22%, 41%
CMY	0.5137, 0.7765, 0.5922
CMYK	0.00, 0.54, 0.16, 0.51
HSL	318°, 37%, 35%
HSV	318°, 54%, 49%
XYZ	12.2740, 8.2108, 14.0346
YIQ	82.3910, 24.8450, 28.8210

# Conversions

## Conversions Part 2

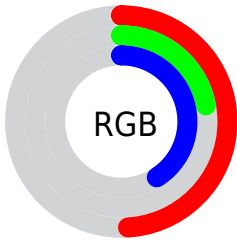
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	124, 57, 104
Decimal	8141160
CIE <sub>Lab</sub>	34.42, 35.41, -14.10
CIE <sub>LCh</sub>	34, 38.112, 338.286
Yxy	8.2108, 0.3556, 0.2379
Android (android.graphics.Color)	4286331240 (0xFF7C3968)
YUV	82.3910, 10.6532, 36.4911
Hunter-Lab	28.6545, 26.3140, -8.9814

# Details

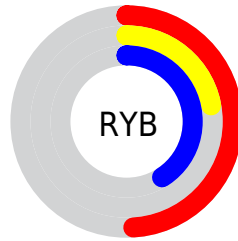
The YUV color **82.3910, 10.6532, 36.4911** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **98.6090, -10.6532, -36.4911**, and the grayscale version is **82.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **133.7010, 10.5004, 38.8502**, and **31.2600, 12.6898, 36.6060** is the 20% darker color. If you saturate the color by 10%, you get **74.8910, 12.3787, 43.0686**, and if you desaturate by 10%, it is **89.8910, 8.9277, 29.9136**.

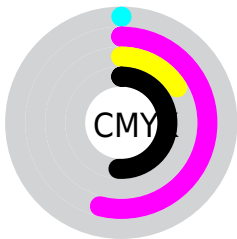
# Distribution



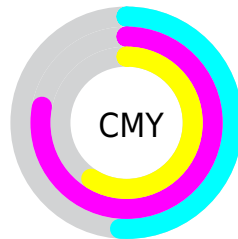
- Red (49%)
- Green (22%)
- Blue (41%)



- Red (49%)
- Yellow (22%)
- Blue (41%)



- Cyan (0%)
- Magenta (54%)
- Yellow (16%)
- Black (51%)



- Cyan (51%)
- Magenta (78%)
- Yellow (59%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 82.3910, 10.6532, 36.4911 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 82.3910, 10.6532, 36.4911 by changing the saturation by 10% instead.



82.3910, 10.6532,  
36.4911

82.3910, 10.6532,  
36.4911

255.0000, 0.0000,  
0.0000

57.2060, 11.2374,  
35.7763

133.7010, 10.5004,  
38.8502

31.2600, 12.6898,  
36.6060

160.4130, 10.6424,  
39.9798

18.6410, 8.0650,  
26.6248

188.1250, 10.7844,  
41.1094

7.5330, 1.7092,  
11.8106

213.1460, 12.2530,  
36.7060

0.0000, 0.0000,  
0.0000

231.5200, 11.5756,  
20.5920

248.5430, 3.1833,

5.6628

■ 82.3910, 10.6532,  
36.4911

■ 82.3910, 10.6532,  
36.4911

■ 74.8910, 12.3787,  
43.0686

■ 89.8910, 8.9277,  
29.9136

■ 66.9180, 14.8304,  
50.0609

■ 97.8640, 6.4760,  
22.9213

■ 59.4180, 16.5559,  
56.6384

■ 105.3640, 4.7505,  
16.3438

■ 51.3310, 18.5708,  
63.7307

■ 113.4510, 2.7357,  
9.2515

■ 46.9940, 19.7230,  
67.5343

■ 120.9510, 1.0102,  
2.6740

■ 128.3370, -1.1521,  
-3.8035

■ 136.4240, -3.1670,  
-10.8958

■ 143.9240, -4.8925,  
-17.4733

■ 151.8970, -7.3442,  
-24.4657

# Harmonies

## Analogous

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



83.0160, 22.6701, 8.7560



82.3910, 10.6532, 36.4911



79.6240, -2.7726, 49.4418

# Triad

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



82.3910, 10.6532, 36.4911



76.3410, -30.7341, 11.1019



68.6300, 24.3394, -60.1885

# Complementary

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



82.3910, 10.6532, 36.4911



98.6090, -10.6532, -36.4911

# 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.



66.4980, 11.0935, -58.3187



82.3910, 10.6532, 36.4911



73.2930, -21.3434, -14.2890

# Square

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



82.3910, 10.6532, 36.4911



78.5700, -27.8890, 31.9491



61.6760, -2.3053, -54.0899



68.4480, 33.7961, -60.0289



# Rectangle

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



82.3910, 10.6532, 36.4911



79.3930, -12.5187, 48.7673



61.6760, -2.3053, -54.0899



68.1910, 20.1188, -59.8035

# Sweetspot

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



82.3910, 10.6532, 36.4911



144.8260, 4.0298, 14.1846



70.3190, 26.4647, 4.9822



72.0380, 2.4463, 8.7367



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.



82.3910, 10.6532, 36.4911



95.7170, 16.4085, 57.2532



78.7430, -3.3243, 39.6904



57.2500, 0.8628, 3.2887



47.4070, 20.0123, 68.0491



95.5260, 40.1667, 137.2277



# Inverse Universe

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



82.3910, 10.6532, 36.4911



95.7170, 16.4085, 57.2532



102.2570, 3.3243, -39.6904



57.2500, 0.8628, 3.2887



47.4070, 20.0123, 68.0491

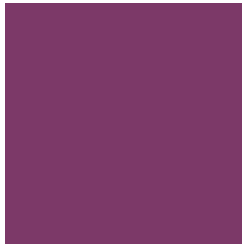


95.5260, 40.1667, 137.2277



# Previews

## White Background



This preview shows how the YUV color 82.3910, 10.6532, 36.4911 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 ✓ Pass



# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

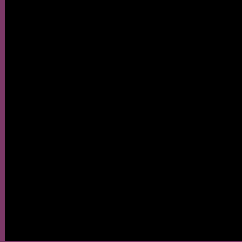
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# YUV 82.3910, 10.6532, 36.4911

## Background



This preview shows how black text looks on a background with the YUV color 82.3910, 10.6532, 36.4911.



This preview shows how white text looks on a background with the YUV color 82.3910, 10.6532,



# 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

82.3910, 10.6532, 36.4911

### Protanopia

81.2000, 20.1144, -11.5764

### Deuteranopia

82.2800, 8.7360, -1.9996



## Tritanopia

82.0150, -5.9234, 33.3128

# Trichromacy



## Original Color

82.3910, 10.6532, 36.4911

## Protanomaly

81.6860, 16.4238, 5.5374

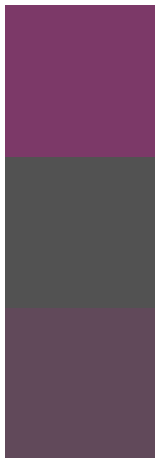
## Deuteranomaly

82.4820, 9.1294, 11.8553

## Tritanomaly

81.9210, 0.0389, 34.2723

# Monochromacy



## Original Color

82.3910, 10.6532, 36.4911

## Achromatopsia

82.0000, 0.0000, 0.0000

## Achromatomaly

82.1140, 3.8878, 13.0550

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 82.3910, 10.6532, 36.4911 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(124, 57, 104)` looks like.

```
.text, #text, p{  
    color:rgb(124, 57, 104)  
}
```

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(124, 57, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 57, 104) }
```

## Border

The CSS property to change the border of an element to YUV 82.3910, 10.6532, 36.4911 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(124, 57, 104) }
```



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

```
.border{ border-color:rgb(124, 57, 104) }
```

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

Here you see how a box with a 4 pixel rgb(124, 57, 104) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 57, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 57, 104);  
box-shadow:4px 4px 4px 4px rgb(124, 57,  
104) }
```

# Background

The CSS property to change the background color of an element to YUV 82.3910, 10.6532, 36.4911 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 57, 104) }
```

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

```
.background{ background-color: rgb(124, 57,  
104) }
```

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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