

Converting Colors

YUV(103.8310, -6.8187,
40.4902)

Have a look what the booklet for
YUV(103.8310, -6.8187, 40.4902)
contains.

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Color

**YUV(103.8310, -6.8187,
40.4902)**

Conversions

Conversions Part 1

Format	Color
Hex	96535A
RGB	150, 83, 90
RGB Percent	59%, 33%, 35%
CMY	0.4118, 0.6745, 0.6471
CMYK	0.00, 0.45, 0.40, 0.41
HSL	354°, 29%, 46%
HSV	354°, 45%, 59%
XYZ	17.5164, 13.4087, 11.3378
YIQ	103.8310, 37.6850, 16.3810

Conversions

Conversions Part 2

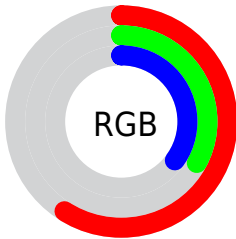
Format	Color
R_{YB}	150, 83, 90
Decimal	9851738
CIE _{Lab}	43.37, 28.62, 8.27
CIE _{LCh}	43, 29.792, 16.126
Yxy	13.4087, 0.4145, 0.3173
Android (android.graphics.Color)	4288041818 (0xFF96535A)
YUV	103.8310, -6.8187, 40.4902
Hunter-Lab	36.6179, 21.3051, 7.2749

Details

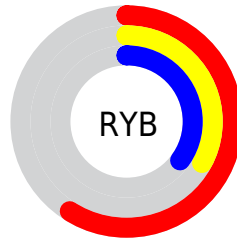
The YUV color **103.8310, -6.8187, 40.4902** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **129.1690, 6.8187, -40.4902**, and the grayscale version is **104.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **156.2120, -7.9925, 43.6641**, and **54.3790, -4.6238, 36.5016** is the 20% darker color. If you saturate the color by 10%, you get **93.5440, -8.1562, 49.5119**, and if you desaturate by 10%, it is **114.1180, -5.4812, 31.4685**.

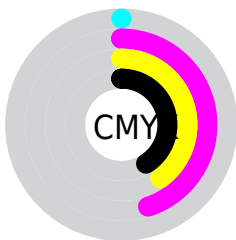
Distribution



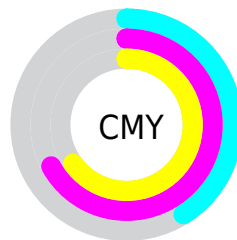
- Red (59%)
- Green (33%)
- Blue (35%)



- Red (59%)
- Yellow (33%)
- Blue (35%)



- Cyan (0%)
- Magenta (45%)
- Yellow (40%)
- Black (41%)




- Cyan (41%)
- Magenta (67%)
- Yellow (65%)

Brightness & Saturation Gradients


These gradients show how the YUV color 103.8310, -6.8187, 40.4902 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 103.8310, -6.8187, 40.4902 by changing the saturation by 10% instead.


 103.8310, -6.8187,
40.4902


 103.8310, -6.8187,
40.4902


255.0000, 0.0000,
0.0000


 79.0480, -5.9397,
38.5459


 156.2120, -7.9925,
43.6641


 54.3790, -4.6238,
36.5016

 183.1090, -8.4347,
45.5084

 30.1230, -3.0186,
34.9721

 208.6030, -7.6923,
40.6902

 14.3520, -7.0755,
29.5093

 228.2310, -3.5649,
23.4764

 0.0000, 0.0000,
0.0000

 247.9730, 0.9993,
6.1627

■ 103.8310, -6.8187,
40.4902

■ 103.8310, -6.8187,
40.4902

■ 93.5440, -8.1562,
49.5119

■ 114.1180, -5.4812,
31.4685

■ 83.1430, -9.9305,
58.6336

■ 124.5190, -3.7069,
22.3468

■ 72.8560, -11.2680,
67.6553

■ 134.8060, -2.3694,
13.3251

■ 62.4550, -13.0423,
76.7770

■ 145.2070, -0.5951,
4.2035

■ 52.1680, -14.3798,
85.7987

■ 155.4940, 0.7425,
-4.8182

■ 46.6740, -15.1223,
90.6169

■ 165.8950, 2.5168,
-13.9399

■ 176.1820, 3.8543,
-22.9616

■ 186.4690, 5.1918,

-31.9833

■ 196.8700, 6.9661,
-41.1050

Harmonies

Analogous

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



105.1750, 4.8437, 33.1725



103.8310, -6.8187, 40.4902



102.4640, -16.9908, 36.4271

Triad

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



103.8310, -6.8187, 40.4902



95.8180, -14.2073, -16.5034



91.8580, 28.6640, -47.2335

Complementary

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



103.8310, -6.8187, 40.4902



129.1690, 6.8187, -40.4902

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.



81.9490, 27.1401, -71.8693



103.8310, -6.8187, 40.4902



90.3230, -0.1592, -42.3793

Square

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



103.8310, -6.8187, 40.4902



99.1860, -22.2767, 5.0989



80.6150, 16.9518, -70.6994



101.8130, 23.7562, -12.9910

Rectangle

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



103.8310, -6.8187, 40.4902



101.8560, -21.6210, 28.1903



80.6150, 16.9518, -70.6994



84.6170, 30.7548, -64.5621

Sweetspot

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



103.8310, -6.8187, 40.4902



176.7030, -2.8116, 15.1695



108.2790, 20.5685, 29.5733



86.0120, -1.4849, 9.6365



224.0000, 0.0000, 0.0000



97.0000, 0.0000, 0.0000

Same Dimension

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



103.8310, -6.8187, 40.4902



121.6490, -10.6730, 63.4518



118.2950, -17.4004, 27.8053



69.0930, -1.0318, 4.3034



42.8580, -14.2270, 83.4395



3.1040, -1.0373, 6.0478

Inverse Universe

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



103.8310, -6.8187, 40.4902



121.6490, -10.6730, 63.4518



114.7050, 17.4004, -27.8053



69.0930, -1.0318, 4.3034



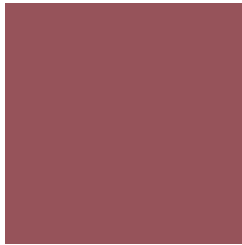
42.8580, -14.2270, 83.4395



3.1040, -1.0373, 6.0478

Previews

White Background



This preview shows how the YUV color 103.8310, -6.8187, 40.4902 looks on a white background.

Color Contrast Check

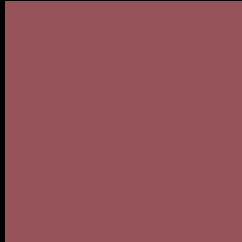
Large Text (above 18pt) WCAG AA ✓ Pass

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 103.8310, -6.8187, 40.4902 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 103.8310, -6.8187, 40.4902

Background



This preview shows how black text looks on a background with the YUV color 103.8310, -6.8187, 40.4902.



This preview shows how white text looks on a background with the YUV color 103.8310, -6.8187,

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

103.8310, -6.8187, 40.4902

Protanopia

103.2560, -1.6052, 1.5295

Deuteranopia

103.3130, -8.0423, 12.8805



Tritanopia

103.7170, -7.2555, 40.5902

Trichromacy



Original Color

103.8310, -6.8187, 40.4902

Protanomaly

103.4750, -3.6852, 15.3694

Deuteranomaly

103.4930, -7.6380, 23.2466

Tritanomaly

103.7170, -7.2555, 40.5902

Monochromacy



Original Color

103.8310, -6.8187, 40.4902

Achromatopsia

104.0000, 0.0000, 0.0000

Achromatomaly

103.8170, -2.3748, 15.0695

CSS Examples

Text

The CSS property to change the color of the text to YUV 103.8310, -6.8187, 40.4902 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(150, 83, 90)` looks like.

```
.text, #text, p{  
    color:rgb(150, 83, 90)  
}
```

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(150, 83, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 83, 90) }
```

Border

The CSS property to change the border of an element to YUV 103.8310, -6.8187, 40.4902 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(150, 83, 90) }
```


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

```
.border{ border-color:rgb(150, 83, 90) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 83, 90)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 83, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 83, 90);  
box-shadow:4px 4px 4px 4px rgb(150, 83,  
90) }
```

Background

The CSS property to change the background color of an element to YUV 103.8310, -6.8187, 40.4902 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 83, 90) }
```

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

```
.background{ background-color: rgb(150, 83,  
90) }
```

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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