

Converting Colors

YUV(90.3700, 9.1846, 40.8945)

Have a look what the booklet for
YUV(90.3700, 9.1846, 40.8945)
contains.

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Color

**YUV(90.3700, 9.1846,
40.8945)**

Conversions

Conversions Part 1

Format	Color
Hex	893F6D
RGB	137, 63, 109
RGB Percent	54%, 25%, 43%
CMY	0.4627, 0.7529, 0.5725
CMYK	0.00, 0.54, 0.20, 0.46
HSL	323°, 37%, 39%
HSV	323°, 54%, 54%
XYZ	14.8544, 9.9775, 15.6109
YIQ	90.3700, 29.3380, 29.9940

Conversions

Conversions Part 2

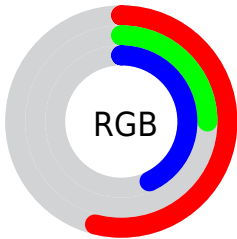
Format	Color
R_{YB}	137, 63, 109
Decimal	8994669
CIE Lab	37.80, 37.42, -11.92
CIE LCh	38, 39.270, 342.337
Yxy	9.9775, 0.3673, 0.2467
Android (android.graphics.Color)	4287184749 (0xFF893F6D)
YUV	90.3700, 9.1846, 40.8945
Hunter-Lab	31.5872, 28.6647, -7.1911

Details

The YUV color **90.3700, 9.1846, 40.8945** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **109.6300, -9.1846, -40.8945**, and the grayscale version is **90.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **142.6800, 9.0318, 43.2536**, and **38.2390, 11.2212, 41.0094** is the 20% darker color. If you saturate the color by 10%, you get **81.5820, 11.0521, 48.6016**, and if you desaturate by 10%, it is **99.1580, 7.3171, 33.1874**.

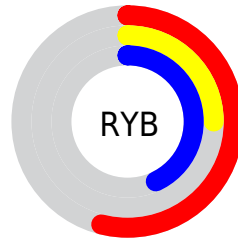
Distribution



Red (54%)

Green (25%)

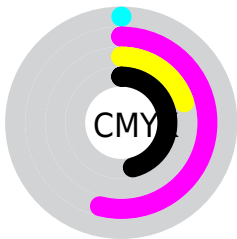
Blue (43%)



Red (54%)

Yellow (25%)

Blue (43%)

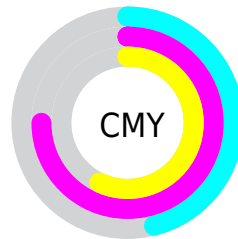


Cyan (0%)

Magenta (54%)

Yellow (20%)

Black (46%)



Cyan (46%)

Magenta (75%)

Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the YUV color 90.3700, 9.1846, 40.8945 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 90.3700, 9.1846, 40.8945 by changing the saturation by 10% instead.

90.3700, 9.1846,
40.8945

90.3700, 9.1846,
40.8945

255.0000, 0.0000,
0.0000

64.8860, 9.9162,
39.5650

142.6800, 9.0318,
43.2536

38.2390, 11.2212,
41.0094

169.6910, 9.0263,
44.9980

22.2010, 8.7749,
32.2727

197.2890, 8.7315,
46.2275

13.5280, 2.6977,
21.4619

218.5260, 12.5587,
31.9877

0.0000, 0.0000,
0.0000

236.2160, 9.2605,
16.4736

253.2390, 0.8682,

1.5444

■ 90.3700, 9.1846,
40.8945

■ 90.3700, 9.1846,
40.8945

■ 81.5820, 11.0521,
48.6016

■ 99.1580, 7.3171,
33.1874

■ 73.3810, 12.6302,
55.7939

■ 107.3590, 5.7390,
25.9952

■ 64.4790, 14.0609,
63.6009

■ 116.2610, 4.3083,
18.1881

■ 55.6910, 15.9283,
71.3080

■ 125.0490, 2.4408,
10.4810

■ 50.6530, 16.9331,
75.7263

■ 133.8370, 0.5734,
2.7740

■ 142.0380, -1.0047,
-4.4183

■ 150.8260, -2.8722,
-12.1254

■ 159.6140, -4.7397,
-19.8325

■ 167.9290, -5.8810,
-27.1247

Harmonies

Analogous

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



91.8210, 21.7802, 14.1890



90.3700, 9.1846, 40.8945



87.9510, -5.3988, 51.7860

Triad

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



90.3700, 9.1846, 40.8945



83.9170, -31.0181, 8.8428



75.3950, 27.4133, -66.1214

Complementary

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



90.3700, 9.1846, 40.8945



109.6300, -9.1846, -40.8945

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.



72.6760, 14.4567, -63.7369



90.3700, 9.1846, 40.8945



79.9010, -20.1642, -19.2072

Square

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



90.3700, 9.1846, 40.8945



86.6900, -29.9202, 30.0899



68.3270, 0.3318, -59.9228



74.5120, 36.7226, -65.3470

Rectangle

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



90.3700, 9.1846, 40.8945



87.1220, -14.8501, 49.8820



68.3270, 0.3318, -59.9228



74.9560, 23.1927, -65.7364

Sweetspot

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



90.3700, 9.1846, 40.8945



160.7230, 3.5876, 16.0289



79.5090, 28.3431, 9.2006



78.3370, 2.2989, 9.3515



217.0000, 0.0000, 0.0000



89.0000, 0.0000, 0.0000

Same Dimension

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



90.3700, 9.1846, 40.8945



105.3050, 14.6396, 64.6305



86.2660, -6.5401, 44.4937



64.5490, 0.7153, 3.9035



49.1150, 16.2123, 73.5671



1.8370, 0.5734, 2.7740

Inverse Universe

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



90.3700, 9.1846, 40.8945



105.3050, 14.6396, 64.6305



113.7340, 6.5401, -44.4937



64.5490, 0.7153, 3.9035



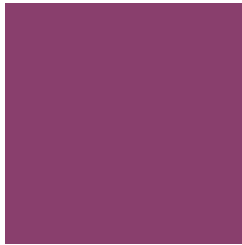
49.1150, 16.2123, 73.5671



1.8370, 0.5734, 2.7740

Previews

White Background



This preview shows how the YUV color 90.3700, 9.1846, 40.8945 looks on a white background.

Color Contrast Check

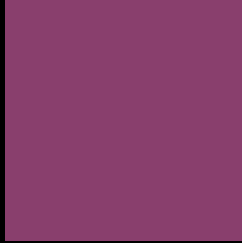
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



This preview shows how the YUV color 90.3700, 9.1846, 40.8945 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

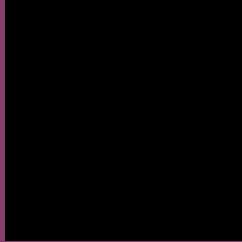
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 90.3700, 9.1846, 40.8945

Background



This preview shows how black text looks on a background with the YUV color 90.3700, 9.1846, 40.8945.



This preview shows how white text looks on a background with the YUV color 90.3700, 9.1846,

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

90.3700, 9.1846, 40.8945

Protanopia

89.1570, 18.6566, -10.6617

Deuteranopia

90.2480, 7.2727, 0.6595



Tritanopia

89.7060, -7.2501, 38.8458

Trichromacy



Original Color

90.3700, 9.1846, 40.8945

Protanomaly

89.6540, 14.9606, 8.1964

Deuteranomaly

90.1620, 7.8081, 15.6439

Tritanomaly

89.6120, -1.2877, 39.8053

Monochromacy



Original Color

90.3700, 9.1846, 40.8945

Achromatopsia

90.0000, 0.0000, 0.0000

Achromatomaly

90.0110, 3.4456, 14.8994

CSS Examples

Text

The CSS property to change the color of the text to YUV 90.3700, 9.1846, 40.8945 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(137, 63, 109)` looks like.

```
.text, #text, p{  
    color:rgb(137, 63, 109)  
}
```

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(137, 63, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 63, 109) }
```

Border

The CSS property to change the border of an element to YUV 90.3700, 9.1846, 40.8945 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(137, 63, 109) }
```


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

```
.border{ border-color:rgb(137, 63, 109) }
```

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

Here you see how a box with a 4 pixel rgb(137, 63, 109) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 63, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 63, 109);  
box-shadow:4px 4px 4px 4px rgb(137, 63,  
109) }
```

Background

The CSS property to change the background color of an element to YUV 90.3700, 9.1846, 40.8945 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 63, 109) }
```

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

```
.background{ background-color: rgb(137, 63,  
109) }
```

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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