

Converting Colors

YUV(91.6380, 2.6435, 38.9055)

Have a look what the booklet for
YUV(91.6380, 2.6435, 38.9055)
contains.

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Color

**YUV(91.6380, 2.6435,
38.9055)**

Conversions

Conversions Part 1

Format	Color
Hex	884461
RGB	136, 68, 97
RGB Percent	53%, 27%, 38%
CMY	0.4667, 0.7333, 0.6196
CMYK	0.00, 0.50, 0.29, 0.47
HSL	334°, 33%, 40%
HSV	334°, 50%, 53%
XYZ	14.3781, 10.2316, 12.5263
YIQ	91.6380, 31.2190, 23.4350

Conversions

Conversions Part 2

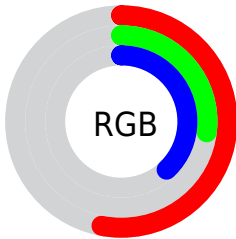
Format	Color
R_{YB}	136, 68, 97
Decimal	8930401
CIE _{Lab}	38.25, 32.56, -3.73
CIE _{LCh}	38, 32.770, 353.467
Yxy	10.2316, 0.3872, 0.2755
Android (android.graphics.Color)	4287120481 (0xFF884461)
YUV	91.6380, 2.6435, 38.9055
Hunter-Lab	31.9868, 24.2592, -0.8278

Details

The YUV color **91.6380, 2.6435, 38.9055** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **112.3620, -2.6435, -38.9055**, and the grayscale version is **92.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **143.2470, 2.3432, 41.8794**, and **42.0830, 4.3961, 36.7612** is the 20% darker color. If you saturate the color by 10%, you get **82.5080, 3.2006, 46.9125**, and if you desaturate by 10%, it is **100.7680, 2.0864, 30.8985**.

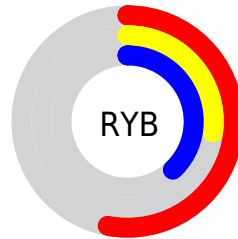
Distribution



Red (53%)

Green (27%)

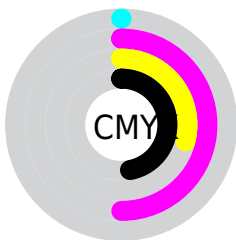
Blue (38%)



Red (53%)

Yellow (27%)

Blue (38%)

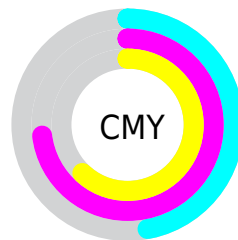


Cyan (0%)

Magenta (50%)

Yellow (29%)

Black (47%)



Cyan (47%)

Magenta (73%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the YUV color 91.6380, 2.6435, 38.9055 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 91.6380, 2.6435, 38.9055 by changing the saturation by 10% instead.

91.6380, 2.6435,
38.9055

91.6380, 2.6435,
38.9055

255.0000, 0.0000,
0.0000

66.7410, 3.0857,
37.0611

143.2470, 2.3432,
41.8794

42.0830, 4.3961,
36.7612

170.1440, 1.9010,
43.7237

21.0610, 4.4069,
33.2725

197.7420, 1.6062,
44.9533

11.7040, -4.2911,
23.0616

219.2780, 5.2859,
31.3282

0.0000, 0.0000,
0.0000

238.5640, 8.1029,
14.4144

91.6380, 2.6435,
38.9055

91.6380, 2.6435,
38.9055

82.5080, 3.2006,
46.9125

100.7680, 2.0864,
30.8985

73.9650, 3.4683,
54.4047

109.3110, 1.8187,
23.4063

64.9490, 4.4621,
62.3117

118.3270, 0.8248,
15.4992

56.4060, 4.7298,
69.8039

126.8700, 0.5571,
8.0070

47.2760, 5.2869,
77.8109

136.0000, 0.0000,
0.0000

145.1300, -0.5571,
-8.0070

153.6730, -0.8248,
-15.4992

162.6890, -1.8187,

-23.4063

■ 171.2320, -2.0864,
-30.8985

Harmonies

Analogous

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



92.9160, 14.3384, 21.1217



91.6380, 2.6435, 38.9055



90.3430, -10.0291, 43.5492

Triad

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



91.6380, 2.6435, 38.9055



85.6260, -22.9866, -0.5490



74.3350, 28.4288, -65.1918

Complementary

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



91.6380, 2.6435, 38.9055



112.3620, -2.6435, -38.9055

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.



73.0010, 18.2405, -64.0219



91.6380, 2.6435, 38.9055



81.0450, -11.8542, -24.5955

Square

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



91.6380, 2.6435, 38.9055



88.3620, -25.8145, 19.8535



69.9230, 6.4470, -61.3225



78.0470, 32.0218, -50.9072

Rectangle

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



91.6380, 2.6435, 38.9055



89.7740, -17.1436, 38.7862



69.9230, 6.4470, -61.3225



74.2380, 25.5187, -65.1067

Sweetspot

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



91.6380, 2.6435, 38.9055



159.0280, 0.9722, 14.8844



87.4130, 23.9534, 17.1778



78.5820, 0.6991, 9.1366



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.



91.6380, 2.6435, 38.9055



106.8240, 4.0308, 60.6674



91.2670, -11.4706, 39.2308



64.4350, 0.2785, 4.0035



46.2650, 5.2924, 76.0666



1.7230, 0.1366, 2.8739

Inverse Universe

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



91.6380, 2.6435, 38.9055



106.8240, 4.0308, 60.6674



112.7330, 11.4706, -39.2308



64.4350, 0.2785, 4.0035



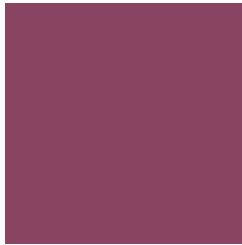
46.2650, 5.2924, 76.0666



1.7230, 0.1366, 2.8739

Previews

White Background



This preview shows how the YUV color 91.6380, 2.6435, 38.9055 looks on a white background.

Color Contrast Check

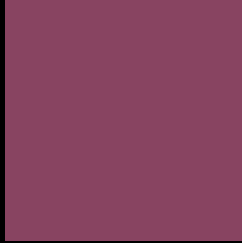
Large Text (above 18pt) WCAG AA ✓ Pass

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 91.6380, 2.6435, 38.9055 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

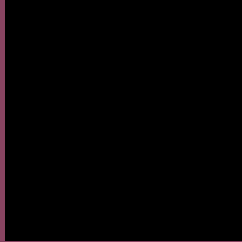
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 91.6380, 2.6435, 38.9055

Background



This preview shows how black text looks on a background with the YUV color 91.6380, 2.6435, 38.9055.



This preview shows how white text looks on a background with the YUV color 91.6380, 2.6435,

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

91.6380, 2.6435, 38.9055

Protanopia

91.1980, 9.7624, -4.5586

Deuteranopia

91.6740, 1.1467, 5.5479



Tritanopia

91.1080, -6.9552, 37.6163

Trichromacy



Original Color

91.6380, 2.6435, 38.9055

Protanomaly

91.3140, 7.2402, 11.1256

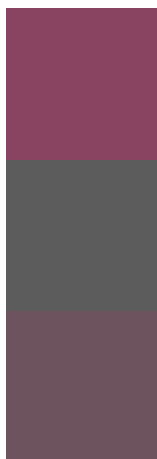
Deuteranomaly

91.8650, 1.5456, 17.6584

Tritanomaly

91.6180, -3.7557, 38.0460

Monochromacy



Original Color

91.6380, 2.6435, 38.9055

Achromatopsia

92.0000, 0.0000, 0.0000

Achromatomaly

91.7290, 1.1196, 14.2697

CSS Examples

Text

The CSS property to change the color of the text to YUV 91.6380, 2.6435, 38.9055 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(136, 68, 97)` looks like.

```
.text, #text, p{  
    color:rgb(136, 68, 97)  
}
```

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(136, 68, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 68, 97) }
```

Border

The CSS property to change the border of an element to YUV 91.6380, 2.6435, 38.9055 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(136, 68, 97) }
```


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

```
.border{ border-color:rgb(136, 68, 97) }
```

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

Here you see how a box with a 4 pixel rgb(136, 68, 97) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 68, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 68, 97);  
box-shadow:4px 4px 4px 4px rgb(136, 68,  
97) }
```

Background

The CSS property to change the background color of an element to YUV 91.6380, 2.6435, 38.9055 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 68, 97) }
```

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

```
.background{ background-color: rgb(136, 68,  
97) }
```

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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