

Converting Colors

YUV(93.8950, 16.3208, 38.6801)

Have a look what the booklet for
YUV(93.8950, 16.3208, 38.6801)
contains.

YUV(93.8950, 16.3208, 38.6801)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(93.8950, 16.3208,
38.6801)**

Conversions

Conversions Part 1

Format	Color
Hex	8A417F
RGB	138, 65, 127
RGB Percent	54%, 25%, 50%
CMY	0.4588, 0.7451, 0.5020
CMYK	0.00, 0.53, 0.08, 0.46
HSL	309°, 36%, 40%
HSV	309°, 53%, 54%
XYZ	16.2023, 10.7162, 21.2931
YIQ	93.8950, 23.6060, 34.7580

Conversions

Conversions Part 2

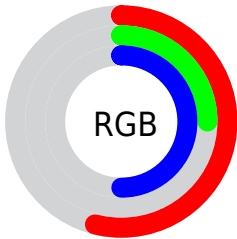
Format	Color
R _{YB}	138, 65, 127
Decimal	9060735
CIE _{Lab}	39.10, 39.74, -21.09
CIE _{LCh}	39, 44.993, 332.045
Yxy	10.7162, 0.3361, 0.2223
Android (android.graphics.Color)	4287250815 (0xFF8A417F)
YUV	93.8950, 16.3208, 38.6801
Hunter-Lab	32.7356, 31.0604, -15.6508

Details

The YUV color **93.8950, 16.3208, 38.6801** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **109.1050, -16.3208, -38.6801**, and the grayscale version is **94.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **146.3190, 16.6047, 40.9392**, and **41.6500, 17.9206, 38.8950** is the 20% darker color. If you saturate the color by 10%, you get **85.4490, 19.4986, 46.0872**, and if you desaturate by 10%, it is **102.3410, 13.1429, 31.2729**.

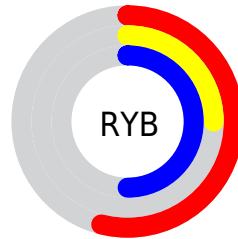
Distribution



Red (54%)

Green (25%)

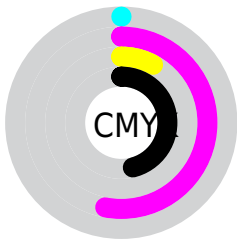
Blue (50%)



Red (54%)

Yellow (25%)

Blue (50%)

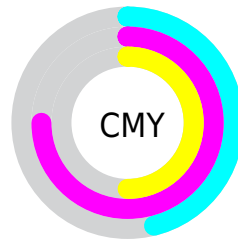


Cyan (0%)

Magenta (53%)

Yellow (8%)

Black (46%)



Cyan (46%)

Magenta (75%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the YUV color 93.8950, 16.3208, 38.6801 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 93.8950, 16.3208, 38.6801 by changing the saturation by 10% instead.

93.8950, 16.3208,
38.6801

93.8950, 16.3208,
38.6801

255.0000, 0.0000,
0.0000

68.2970, 16.6156,
37.4505

146.3190, 16.6047,
40.9392

41.6500, 17.9206,
38.8950

173.4440, 17.0361,
42.5836

24.5090, 15.0321,
32.0026

201.7430, 16.8887,
43.1984

15.7220, 8.5181,
21.2918

220.9540, 16.7847,
29.8583

0.6840, 2.6208,
-0.5999

237.9770, 8.3923,
14.9292

0.0000, 0.0000,
0.0000

93.8950, 16.3208,
38.6801

93.8950, 16.3208,
38.6801

85.4490, 19.4986,
46.0872

102.3410, 13.1429,
31.2729

77.0030, 22.6765,
53.4944

110.7870, 9.9650,
23.8658

69.1440, 25.5650,
60.3867

118.6460, 7.0765,
16.9735

60.6980, 28.7429,
67.7939

127.0920, 3.8986,
9.5663

54.6000, 30.7632,
73.1418


135.5380, 0.7208,
2.1592

143.9840, -2.4571,
-5.2480

152.5440, -5.1982,
-12.7551

160.4030, -8.0867,

-19.6474

 168.8490,
-11.2646, -27.0546

Harmonies

Analogous

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



93.5080, 29.8226, 1.3085



93.8950, 16.3208, 38.6801



90.1890, 0.3998, 58.5932

Triad

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



93.8950, 16.3208, 38.6801



86.3930, -39.6337, 18.9493



78.8030, 25.2401, -69.1102

Complementary

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



93.8950, 16.3208, 38.6801



109.1050, -16.3208, -38.6801

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.



74.6990, 9.5154, -65.5110



93.8950, 16.3208, 38.6801



83.1380, -29.6480, -10.6450

Square

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



93.8950, 16.3208, 38.6801



89.0120, -31.5579, 42.0855



69.1930, -6.5041, -60.6823



79.4190, 37.7544, -69.6505

Rectangle

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



93.8950, 16.3208, 38.6801



89.2140, -10.9515, 59.4483



69.1930, -6.5041, -60.6823



77.4350, 19.9985, -67.9105

Sweetspot

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



93.8950, 16.3208, 38.6801



161.4070, 6.2083, 15.4291



76.6110, 30.2648, -0.5358



78.7930, 4.0461, 8.9515



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.



93.8950, 16.3208, 38.6801



110.7310, 25.2756, 59.8719



89.7910, 0.5960, 42.2793



64.7770, 1.5889, 3.7036



52.6490, 29.7530, 70.4678



1.9510, 1.0102, 2.6740

Inverse Universe

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



93.8950, 16.3208, 38.6801



110.7310, 25.2756, 59.8719



113.2090, -0.5960, -42.2793



64.7770, 1.5889, 3.7036



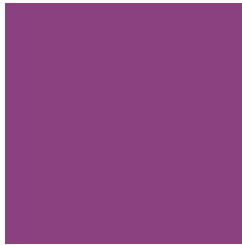
52.6490, 29.7530, 70.4678



1.9510, 1.0102, 2.6740

Previews

White Background



This preview shows how the YUV color 93.8950, 16.3208, 38.6801 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 93.8950, 16.3208, 38.6801 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

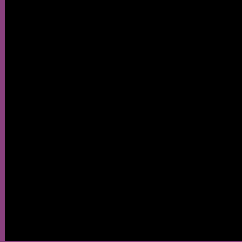
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 93.8950, 16.3208, 38.6801

Background



This preview shows how black text looks on a background with the YUV color 93.8950, 16.3208, 38.6801.



This preview shows how white text looks on a background with the YUV color 93.8950, 16.3208,

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

93.8950, 16.3208, 38.6801

Protanopia

91.5180, 27.8456, -17.9943

Deuteranopia

92.8540, 14.8620, -6.8880



Tritanopia

93.6130, -6.2182, 34.5424

Trichromacy



Original Color

93.8950, 16.3208, 38.6801

Protanomaly

92.4990, 23.4180, 2.1934

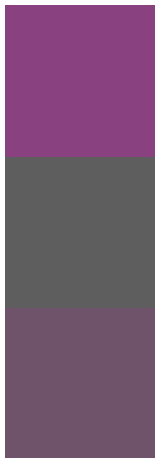
Deuteranomaly

93.3660, 15.1026, 9.3260

Tritanomaly

93.8010, 2.0701, 36.1315

Monochromacy



Original Color

93.8950, 16.3208, 38.6801

Achromatopsia

94.0000, 0.0000, 0.0000

Achromatomaly

93.6950, 6.0664, 14.2995

CSS Examples

Text

The CSS property to change the color of the text to YUV 93.8950, 16.3208, 38.6801 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(138, 65, 127)` looks like.

```
.text, #text, p{  
    color:rgb(138, 65, 127)  
}
```

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(138, 65, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 65, 127) }
```

Border

The CSS property to change the border of an element to YUV 93.8950, 16.3208, 38.6801 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(138, 65, 127) }
```


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

```
.border{ border-color:rgb(138, 65, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 65, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(138, 65, 127); -webkit-box-shadow:4px 4px 4px 4px rgb(138, 65, 127); box-shadow:4px 4px 4px 4px rgb(138, 65, 127) }
```

Background

The CSS property to change the background color of an element to YUV 93.8950, 16.3208, 38.6801 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 65, 127) }
```

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

```
.background{ background-color: rgb(138, 65,  
127) }
```

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