

Converting Colors

YUV(89.8000, 10.4516, 54.5494)

Have a look what the booklet for
YUV(89.8000, 10.4516, 54.5494)
contains.

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Color

**YUV(89.8000, 10.4516,
54.5494)**

Conversions

Conversions Part 1

Format	Color
Hex	98366F
RGB	152, 54, 111
RGB Percent	60%, 21%, 44%
CMY	0.4039, 0.7882, 0.5647
CMYK	0.00, 0.64, 0.27, 0.40
HSL	325°, 48%, 40%
HSV	325°, 64%, 60%
XYZ	17.1373, 10.4614, 16.1549
YIQ	89.8000, 40.1110, 38.5030

Conversions

Conversions Part 2

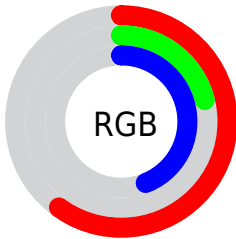
Format	Color
R_{YB}	152, 54, 111
Decimal	9975407
CIE _{Lab}	38.66, 46.87, -11.64
CIE _{LCh}	39, 48.298, 346.053
Yxy	10.4614, 0.3917, 0.2391
Android (android.graphics.Color)	4288165487 (0xFF98366F)
YUV	89.8000, 10.4516, 54.5494
Hunter-Lab	32.3441, 37.9747, -6.9727

Details

The YUV color **89.8000, 10.4516, 54.5494** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **116.2000, -10.4516, -54.5494**, and the grayscale version is **90.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **143.8820, 9.4252, 57.1085**, and **36.1850, 13.2198, 53.3348** is the 20% darker color. If you saturate the color by 10%, you get **80.3110, 12.1717, 62.8713**, and if you desaturate by 10%, it is **99.2890, 8.7315, 46.2275**.

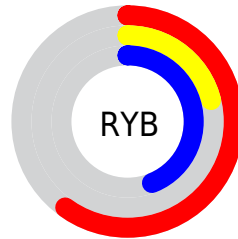
Distribution



Red (60%)

Green (21%)

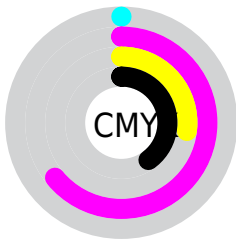
Blue (44%)



Red (60%)

Yellow (21%)

Blue (44%)

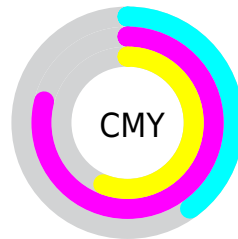


Cyan (0%)

Magenta (64%)

Yellow (27%)

Black (40%)



Cyan (40%)


Magenta (79%)


Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the YUV color 89.8000, 10.4516, 54.5494 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 89.8000, 10.4516, 54.5494 by changing the saturation by 10% instead.


 89.8000, 10.4516,
54.5494

 89.8000, 10.4516,
54.5494


255.0000, 0.0000,
0.0000


 61.6690, 12.4882,
54.6643

 143.8820, 9.4252,
57.1085


 36.1850, 13.2198,
53.3348

 171.4800, 9.1304,
58.3380


 25.9030, 7.4428,
39.5501

 195.6040, 11.0412,
52.0903

 16.7460, 2.0972,
27.4098

 215.2320, 15.1686,
34.8765

 0.0000, 0.0000,
0.0000

 232.6940, 10.9969,
19.5624

 249.7170, 2.6045,

4.6332

■ 89.8000, 10.4516,
54.5494

■ 89.8000, 10.4516,
54.5494

■ 80.3110, 12.1717,
62.8713

■ 99.2890, 8.7315,
46.2275

■ 70.7080, 13.4550,
71.2931

■ 108.8920, 7.4482,
37.8057

■ 60.6320, 15.4644,
80.1297

■ 118.9680, 5.4388,
28.9691

■ 55.4800, 16.0324,
84.6480

■ 128.4570, 3.7187,
20.6472

■ 138.0600, 2.4354,
12.2254

■ 147.5490, 0.7153,
3.9035

■ 157.1520, -0.5679,
-4.5183

■ 167.2280, -2.5774,
-13.3550

■ 176.7170, -4.2975,
-21.6768

Harmonies

Analogous

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



93.9020, 25.6843, 22.0109



89.8000, 10.4516, 54.5494



86.8710, -7.3314, 65.0111

Triad

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



89.8000, 10.4516, 54.5494



83.2620, -41.0482, 5.9092



79.5670, 33.2445, -69.7803

Complementary

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



89.8000, 10.4516, 54.5494



116.2000, -10.4516, -54.5494

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.



76.7510, 17.3778, -67.3106



89.8000, 10.4516, 54.5494



77.2540, -22.3102, -30.9178

Square

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



89.8000, 10.4516, 54.5494



86.2100, -42.0085, 34.0188



71.4900, -0.2416, -62.6967



78.3250, 43.7168, -68.6910

Rectangle

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



89.8000, 10.4516, 54.5494



87.2220, -19.8294, 60.3183



71.4900, -0.2416, -62.6967



78.9000, 28.1503, -69.1953

Sweetspot

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



89.8000, 10.4516, 54.5494



172.5710, 4.1555, 20.5472



77.4310, 36.7625, 15.4080



85.0600, 2.4354, 12.2254



227.0000, 0.0000, 0.0000



99.0000, 0.0000, 0.0000

Same Dimension

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



89.8000, 10.4516, 54.5494



100.1810, 16.1798, 84.0333



84.2140, -10.9515, 59.4483



71.8480, 0.5679, 4.5183



51.2080, 15.1805, 77.8706



4.6850, 1.1413, 7.2923

Inverse Universe

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



89.8000, 10.4516, 54.5494



100.1810, 16.1798, 84.0333



121.7860, 10.9515, -59.4483



71.8480, 0.5679, 4.5183



51.2080, 15.1805, 77.8706



4.6850, 1.1413, 7.2923

Previews

White Background



This preview shows how the YUV color 89.8000, 10.4516, 54.5494 looks on a white background.

Color Contrast Check

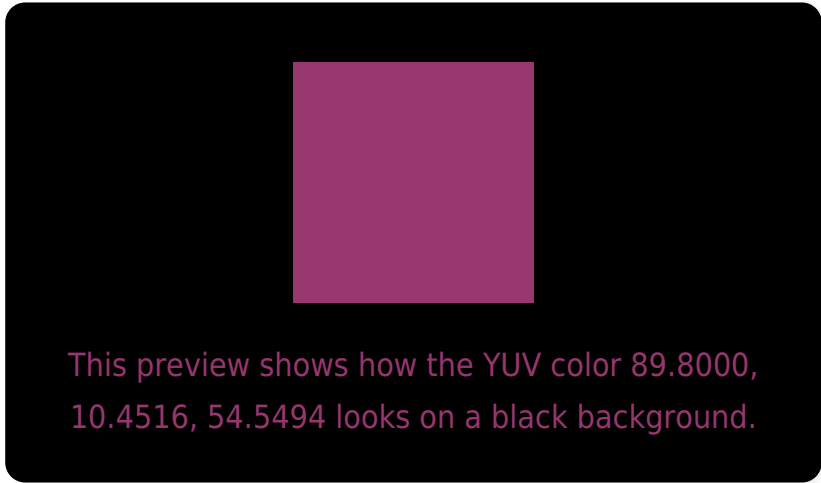
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

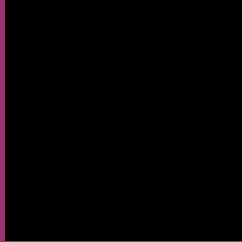
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 89.8000, 10.4516, 54.5494

Background



This preview shows how black text looks on a background with the YUV color 89.8000, 10.4516, 54.5494.



This preview shows how white text looks on a background with the YUV color 89.8000, 10.4516,

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

89.8000, 10.4516, 54.5494

Protanopia

91.1720, 22.5932, -13.3058

Deuteranopia

93.0200, 6.3991, 0.8595



Tritanopia

89.6860, -10.1982, 51.1414

Trichromacy



Original Color

89.8000, 10.4516, 54.5494

Protanomaly

90.8870, 18.2967, 11.5001

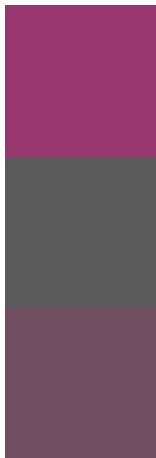
Deuteranomaly

91.8960, 7.9393, 20.2622

Tritanomaly

89.3470, -2.6361, 52.3157

Monochromacy



Original Color

89.8000, 10.4516, 54.5494

Achromatopsia

90.0000, 0.0000, 0.0000

Achromatomaly

90.1580, 3.8661, 20.0324

CSS Examples

Text

The CSS property to change the color of the text to YUV 89.8000, 10.4516, 54.5494 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(152, 54, 111)` looks like.

```
.text, #text, p{  
    color:rgb(152, 54, 111)  
}
```

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(152, 54, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 54, 111) }
```

Border

The CSS property to change the border of an element to YUV 89.8000, 10.4516, 54.5494 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(152, 54, 111) }
```


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

```
.border{ border-color:rgb(152, 54, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 54, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 54, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 54, 111);  
box-shadow:4px 4px 4px 4px rgb(152, 54,  
111) }
```

Background

The CSS property to change the background color of an element to YUV 89.8000, 10.4516, 54.5494 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 54, 111) }
```

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

```
.background{ background-color: rgb(152, 54,  
111) }
```

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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