

Converting Colors

YUV(88.6580, -7.7194, 49.4119)

Have a look what the booklet for
YUV(88.6580, -7.7194, 49.4119)
contains.

YUV(88.6580, -7.7194, 49.4119)	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(88.6580, -7.7194,
49.4119)**

Conversions

Conversions Part 1

Format	Color
Hex	913F49
RGB	145, 63, 73
RGB Percent	57%, 25%, 29%
CMY	0.4314, 0.7529, 0.7137
CMYK	0.00, 0.57, 0.50, 0.43
HSL	353°, 39%, 41%
HSV	353°, 57%, 57%
XYZ	14.6572, 10.0558, 7.4718
YIQ	88.6580, 45.6620, 20.4940

Conversions

Conversions Part 2

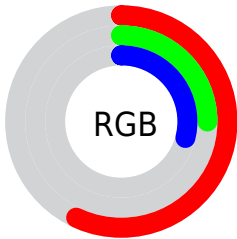
Format	Color
R_{YB}	145, 63, 73
Decimal	9518921
CIE _{Lab}	37.94, 35.62, 11.12
CIE _{LCh}	38, 37.313, 17.343
Yxy	10.0558, 0.4554, 0.3124
Android (android.graphics.Color)	4287709001 (0xFF913F49)
YUV	88.6580, -7.7194, 49.4119
Hunter-Lab	31.7109, 27.0109, 8.2276

Details

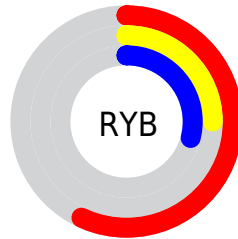
The YUV color **88.6580, -7.7194, 49.4119** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **119.3420, 7.7194, -49.4119**, and the grayscale version is **89.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **141.1100, -9.9142, 53.4005**, and **36.7870, -3.3460, 46.6678** is the 20% darker color. If you saturate the color by 10%, you get **78.3710, -9.0569, 58.4336**, and if you desaturate by 10%, it is **98.9450, -6.3819, 40.3902**.

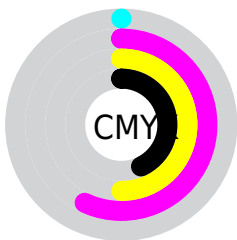
Distribution



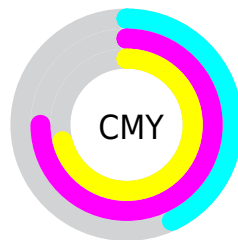
- Red (57%)
- Green (25%)
- Blue (29%)



- Red (57%)
- Yellow (25%)
- Blue (29%)



- Cyan (0%)
- Magenta (57%)
- Yellow (50%)
- Black (43%)



- Cyan (43%)
- Magenta (75%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the YUV color 88.6580, -7.7194, 49.4119 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 88.6580, -7.7194, 49.4119 by changing the saturation by 10% instead.

88.6580, -7.7194,
49.4119

88.6580, -7.7194,
49.4119

255.0000, 0.0000,
0.0000

63.1030, -5.9668,
47.2677

141.1100, -9.9142,
53.4005

36.7870, -3.3460,
46.6678

168.0070,
-10.3565, 55.2449

19.5920, -7.6869,
38.9458

194.1100, -9.9142,
53.4005

12.0740, -5.4595,
24.4911

213.6240, -6.2236,
36.2868

0.0000, 0.0000,
0.0000

233.2520, -2.0962,
19.0730

253.2390, 0.8682,

1.5444

■ 88.6580, -7.7194,
49.4119

■ 88.6580, -7.7194,
49.4119

■ 78.3710, -9.0569,
58.4336

■ 98.9450, -6.3819,
40.3902

■ 68.7850, -10.2470,
66.8406

■ 108.5310, -5.1918,
31.9833

■ 58.4980, -11.5845,
75.8623

■ 118.8180, -3.8543,
22.9616

■ 48.7980, -13.2114,
84.3692

■ 128.5180, -2.2274,
14.4547

■ 45.4070, -13.5117,
87.3431

■ 138.8050, -0.8899,
5.4330

■ 148.3910, 0.3002,
-2.9739

■ 158.0910, 1.9271,
-11.4808

■ 168.3780, 3.2646,
-20.5025

■ 178.0780, 4.8915,
-29.0094

Harmonies

Analogous

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



90.5720, 6.1270, 41.5944



88.6580, -7.7194, 49.4119



88.4710, -20.9382, 42.5599

Triad

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



88.6580, -7.7194, 49.4119



80.0900, -16.8064, -22.8809



73.2240, 36.8646, -64.2174

Complementary

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



88.6580, -7.7194, 49.4119



119.3420, 7.7194, -49.4119

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.



75.0360, 28.5763, -65.8066



88.6580, -7.7194, 49.4119



69.0110, 2.9526, -60.5226

Square

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



88.6580, -7.7194, 49.4119



84.2800, -28.2390, 4.1394



73.1320, 16.2039, -64.1368



87.5720, 29.2980, -17.1646

Rectangle

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



88.6580, -7.7194, 49.4119



87.0970, -27.1628, 32.3639



73.1320, 16.2039, -64.1368



74.6430, 34.6860, -65.4619

Sweetspot

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



88.6580, -7.7194, 49.4119



167.0240, -2.9698, 19.2730



93.5770, 25.3515, 35.4510



81.0230, -1.4903, 11.3808



222.0000, 0.0000, 0.0000



94.0000, 0.0000, 0.0000

Same Dimension

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



88.6580, -7.7194, 49.4119



100.3950, -12.0267, 77.7066



105.1280, -20.7691, 34.9677



66.2070, -0.5951, 4.2035



42.1890, -12.9112, 81.3952



2.5060, -0.7425, 4.8182

Inverse Universe

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



88.6580, -7.7194, 49.4119



100.3950, -12.0267, 77.7066



102.8720, 20.7691, -34.9677



66.2070, -0.5951, 4.2035



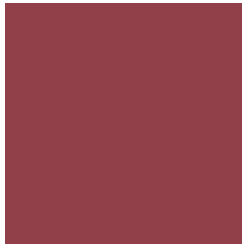
42.1890, -12.9112, 81.3952



2.5060, -0.7425, 4.8182

Previews

White Background



This preview shows how the YUV color 88.6580, -7.7194, 49.4119 looks on a white background.

Color Contrast Check

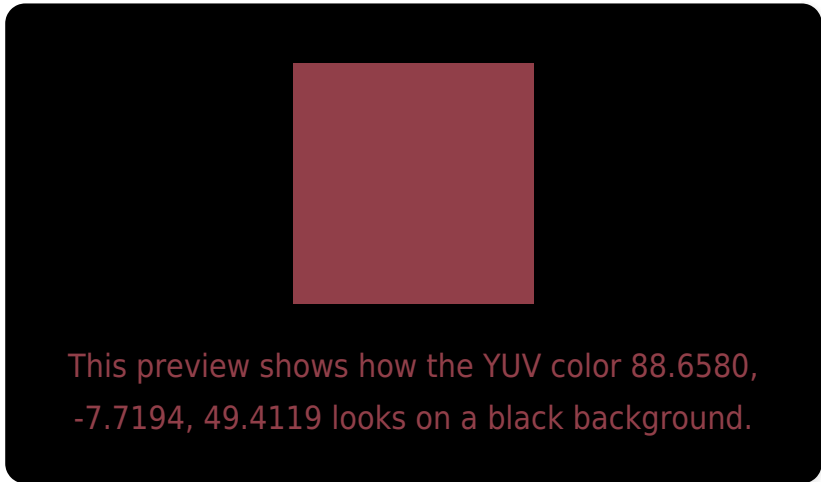
Large Text (above 18pt) WCAG AA ✓ Pass

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

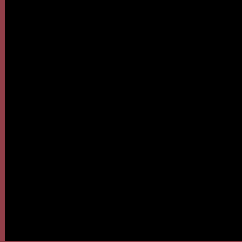
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 88.6580, -7.7194, 49.4119

Background



This preview shows how black text looks on a background with the YUV color 88.6580, -7.7194, 49.4119.



This preview shows how white text looks on a background with the YUV color 88.6580, -7.7194,

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

88.6580, -7.7194, 49.4119

Protanopia

90.1420, -2.0420, 1.6295

Deuteranopia

90.0420, -10.3737, 13.9952



Tritanopia

88.6750, -10.1928, 49.3970

Trichromacy



Original Color

88.6580, -7.7194, 49.4119

Protanomaly

89.3830, -4.1328, 18.9581

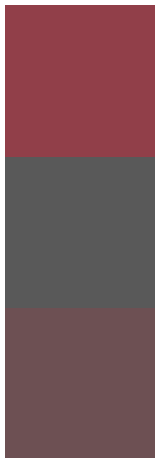
Deuteranomaly

89.6460, -9.6855, 26.6205

Tritanomaly

88.9030, -9.3192, 49.1971

Monochromacy



Original Color

88.6580, -7.7194, 49.4119

Achromatopsia

89.0000, 0.0000, 0.0000

Achromatomaly

89.0130, -2.9644, 17.5286

CSS Examples

Text

The CSS property to change the color of the text to YUV 88.6580, -7.7194, 49.4119 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(145, 63, 73)` looks like.

```
.text, #text, p{  
    color:rgb(145, 63, 73)  
}
```

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(145, 63, 73) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 63, 73) }
```

Border

The CSS property to change the border of an element to YUV 88.6580, -7.7194, 49.4119 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(145, 63, 73) }
```


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

```
.border{ border-color:rgb(145, 63, 73) }
```

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

Here you see how a box with a 4 pixel rgb(145, 63, 73) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 63, 73); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 63, 73);  
box-shadow:4px 4px 4px 4px rgb(145, 63,  
73) }
```

Background

The CSS property to change the background color of an element to YUV 88.6580, -7.7194, 49.4119 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 63, 73) }
```

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

```
.background{ background-color: rgb(145, 63,  
73) }
```

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