

Converting Colors

YUV(89.8110, -9.7668, 52.7858)

Have a look what the booklet for
YUV(89.8110, -9.7668, 52.7858)
contains.

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Color

**YUV(89.8110, -9.7668,
52.7858)**

Conversions

Conversions Part 1

Format	Color
Hex	963F46
RGB	150, 63, 70
RGB Percent	59%, 25%, 27%
CMY	0.4118, 0.7529, 0.7255
CMYK	0.00, 0.58, 0.53, 0.41
HSL	355°, 41%, 42%
HSV	355°, 58%, 59%
XYZ	15.4607, 10.4812, 7.0026
YIQ	89.8110, 49.6050, 20.6210

Conversions

Conversions Part 2

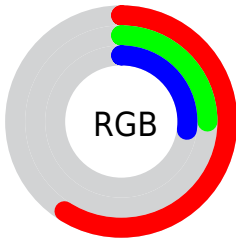
Format	Color
R_{YB}	150, 63, 70
Decimal	9846598
CIE _{Lab}	38.69, 37.20, 14.17
CIE _{LCh}	39, 39.802, 20.852
Yxy	10.4812, 0.4693, 0.3181
Android (android.graphics.Color)	4288036678 (0xFF963F46)
YUV	89.8110, -9.7668, 52.7858
Hunter-Lab	32.3747, 28.5875, 9.8381

Details

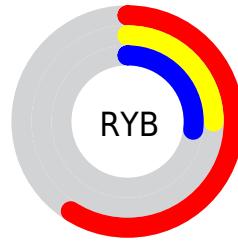
The YUV color **89.8110, -9.7668, 52.7858** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **123.1890, 9.7668, -52.7858**, and the grayscale version is **90.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **142.5620, -12.1091, 57.3891**, and **36.4670, -4.6672, 50.4564** is the 20% darker color. If you saturate the color by 10%, you get **79.4100, -11.5411, 61.9074**, and if you desaturate by 10%, it is **100.2120, -7.9925, 43.6641**.

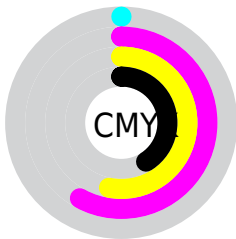
Distribution



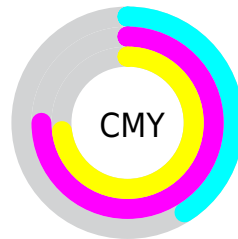
- Red (59%)
- Green (25%)
- Blue (27%)



- Red (59%)
- Yellow (25%)
- Blue (27%)



- Cyan (0%)
- Magenta (58%)
- Yellow (53%)
- Black (41%)



- Cyan (41%)
- Magenta (75%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the YUV color 89.8110, -9.7668, 52.7858 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 89.8110, -9.7668, 52.7858 by changing the saturation by 10% instead.

■ 89.8110, -9.7668,
52.7858

■ 89.8110, -9.7668,
52.7858

■ 255.0000, 0.0000,
0.0000

■ 64.2560, -8.0142,
50.6415

■ 142.5620,
-12.1091, 57.3891

■ 36.4670, -4.6672,
50.4564

■ 169.4590,
-12.5513, 59.2335

■ 20.3320, -10.0237,
41.8048

■ 193.6540,
-11.6614, 53.8004

■ 13.2700, -6.0491,
26.9502

■ 213.1680, -7.9708,
36.6867

■ 0.0000, 0.0000,
0.0000

■ 232.7960, -3.8434,
19.4729

■ 253.1250, 0.4314,

1.6444

■ 89.8110, -9.7668,
52.7858

■ 89.8110, -9.7668,
52.7858

■ 79.4100, -11.5411,
61.9074

■ 100.2120, -7.9925,
43.6641

■ 69.0090, -13.3154,
71.0291

■ 110.6130, -6.2182,
34.5424

■ 58.7220, -14.6529,
80.0508

■ 120.9000, -4.8807,
25.5207

■ 48.3210, -16.4273,
89.1725

■ 131.3010, -3.1064,
16.3990

■ 46.2180, -16.8695,
91.0168

■ 141.7020, -1.3321,
7.2773

■ 152.1030, 0.4422,
-1.8443

■ 162.5040, 2.2165,
-10.9660

■ 172.7910, 3.5540,
-19.9877

■ 183.1920, 5.3283,
-29.1094

Harmonies

Analogous

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



91.9640, 4.9477, 46.5126



89.8110, -9.7668, 52.7858



89.2000, -23.2696, 43.6746

Triad

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



89.8110, -9.7668, 52.7858



79.9860, -15.7691, -28.9287



75.1960, 39.3434, -65.9469

Complementary

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



89.8110, -9.7668, 52.7858



123.1890, 9.7668, -52.7858

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.



77.1220, 31.4919, -67.6360



89.8110, -9.7668, 52.7858



71.3420, 4.2684, -62.5669

Square

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



89.8110, -9.7668, 52.7858



85.2150, -29.6860, 1.5654



75.6910, 18.3933, -66.3810



90.5230, 30.3082, -14.4907

Rectangle

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



89.8110, -9.7668, 52.7858



88.7010, -29.9256, 31.8342



75.6910, 18.3933, -66.3810



76.0280, 37.4542, -66.6766

Sweetspot

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



89.8110, -9.7668, 52.7858



171.2090, -3.5540, 19.9877



96.8380, 26.2089, 40.4841



83.7950, -2.3639, 11.5808



224.0000, 0.0000, 0.0000



97.0000, 0.0000, 0.0000

Same Dimension

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



89.8110, -9.7668, 52.7858



99.9180, -15.2426, 82.5099



110.1450, -23.2425, 34.9528



69.0930, -1.0318, 4.3034



42.5160, -15.5374, 83.7395



3.1040, -1.0373, 6.0478

Inverse Universe

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



89.8110, -9.7668, 52.7858



99.9180, -15.2426, 82.5099



102.8550, 23.2425, -34.9528



69.0930, -1.0318, 4.3034



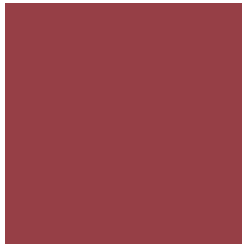
42.5160, -15.5374, 83.7395



3.1040, -1.0373, 6.0478

Previews

White Background



This preview shows how the YUV color 89.8110, -9.7668, 52.7858 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 89.8110, -9.7668, 52.7858 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 89.8110, -9.7668, 52.7858

Background



This preview shows how black text looks on a background with the YUV color 89.8110, -9.7668, 52.7858.



This preview shows how white text looks on a background with the YUV color 89.8110, -9.7668,

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

89.8110, -9.7668, 52.7858

Protanopia

91.9850, -3.9366, 2.6442

Deuteranopia

91.7710, -12.7051, 15.1098



Tritanopia

89.5830, -10.6404, 52.9857

Trichromacy



Original Color

89.8110, -9.7668, 52.7858

Protanomaly

90.9380, -5.8854, 21.1024

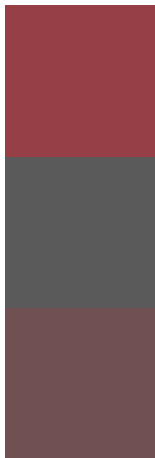
Deuteranomaly

91.0870, -11.8749, 28.8647

Tritanomaly

89.6970, -10.2036, 52.8857

Monochromacy



Original Color

89.8110, -9.7668, 52.7858

Achromatopsia

90.0000, 0.0000, 0.0000

Achromatomaly

89.9100, -3.4066, 19.3729

CSS Examples

Text

The CSS property to change the color of the text to YUV 89.8110, -9.7668, 52.7858 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(150, 63, 70)` looks like.

```
.text, #text, p{  
    color:rgb(150, 63, 70)  
}
```

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(150, 63, 70) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 63, 70) }
```

Border

The CSS property to change the border of an element to YUV 89.8110, -9.7668, 52.7858 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(150, 63, 70) }
```


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

```
.border{ border-color:rgb(150, 63, 70) }
```

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

Here you see how a box with a 4 pixel rgb(150, 63, 70) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 63, 70); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 63, 70);  
box-shadow:4px 4px 4px 4px rgb(150, 63,  
70) }
```

Background

The CSS property to change the background color of an element to YUV 89.8110, -9.7668, 52.7858 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 63, 70) }
```

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

```
.background{ background-color: rgb(150, 63,  
70) }
```

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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