

Converting Colors

YUV(89.8700, -9.3029, 43.9640)

Have a look what the booklet for
YUV(89.8700, -9.3029, 43.9640)
contains.

YUV(89.8700, -9.3029, 43.9640)	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(89.8700, -9.3029,
43.9640)**

Conversions

Conversions Part 1

Format	Color
Hex	8C4447
RGB	140, 68, 71
RGB Percent	55%, 27%, 28%
CMY	0.4510, 0.7333, 0.7216
CMYK	0.00, 0.51, 0.49, 0.45
HSL	358°, 35%, 41%
HSV	358°, 51%, 55%
XYZ	14.0197, 10.1646, 7.1843
YIQ	89.8700, 41.9490, 16.1970

Conversions

Conversions Part 2

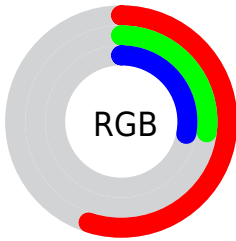
Format	Color
R_{YB}	140, 68, 71
Decimal	9192519
CIE Lab	38.14, 30.84, 12.52
CIE LCh	38, 33.281, 22.100
Yxy	10.1646, 0.4469, 0.3240
Android (android.graphics.Color)	4287382599 (0xFF8C4447)
YUV	89.8700, -9.3029, 43.9640
Hunter-Lab	31.8820, 22.6994, 8.9570

Details

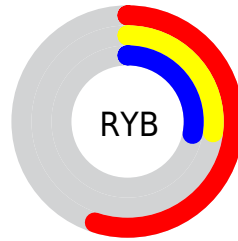
The YUV color **89.8700, -9.3029, 43.9640** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **118.1300, 9.3029, -43.9640**, and the grayscale version is **90.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **141.4360, -11.0609, 47.8526**, and **40.6460, -6.2345, 39.7755** is the 20% darker color. If you saturate the color by 10%, you get **80.1700, -10.9298, 52.4709**, and if you desaturate by 10%, it is **99.5700, -7.6760, 35.4571**.

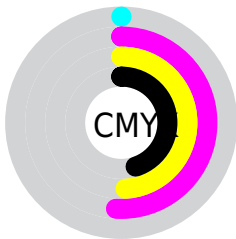
Distribution



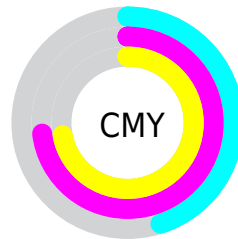
- Red (55%)
- Green (27%)
- Blue (28%)



- Red (55%)
- Yellow (27%)
- Blue (28%)



- Cyan (0%)
- Magenta (51%)
- Yellow (49%)
- Black (45%)



- Cyan (45%)
- Magenta (73%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the YUV color 89.8700, -9.3029, 43.9640 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 89.8700, -9.3029, 43.9640 by changing the saturation by 10% instead.

89.8700, -9.3029,
43.9640

89.8700, -9.3029,
43.9640

255.0000, 0.0000,
0.0000

65.2010, -7.9871,
41.9197

141.4360,
-11.0609, 47.8526

40.6460, -6.2345,
39.7755

168.3330,
-11.5032, 49.6970

18.3530, -8.5550,
37.4014

196.1160,
-12.3822, 51.6413

10.8780, -4.8699,
22.0320

215.7440, -8.2548,
34.4275

0.0000, 0.0000,
0.0000

235.3720, -4.1274,
17.2138

■ 89.8700, -9.3029,
43.9640

■ 89.8700, -9.3029,
43.9640

■ 80.1700, -10.9298,
52.4709

■ 99.5700, -7.6760,
35.4571

■ 70.3560, -12.9935,
61.0778

■ 109.3840, -5.6123,
26.8502

■ 60.6560, -14.6204,
69.5847

■ 119.0840, -3.9854,
18.3433

■ 50.8420, -16.6841,
78.1916

■ 128.8980, -1.9217,
9.7365

■ 42.5440, -18.0162,
85.4689

■ 138.5980, -0.2948,
1.2296

■ 148.4120, 1.7689,
-7.3773

■ 158.1120, 3.3958,
-15.8842

■ 167.8120, 5.0227,

-24.3911

■ 177.6260, 7.0864,
-32.9980

Harmonies

Analogous

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



91.1650, 3.3697, 39.3203



89.8700, -9.3029, 43.9640



89.2530, -20.3377, 36.6121

Triad

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



89.8700, -9.3029, 43.9640



81.1160, -12.8752, -23.7807



74.1600, 33.9381, -58.8993

Complementary

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



89.8700, -9.3029, 43.9640



118.1300, 9.3029, -43.9640

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.



74.3350, 28.4288, -65.1918



89.8700, -9.3029, 43.9640



69.6950, 5.5734, -61.1225

Square

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



89.8700, -9.3029, 43.9640



85.2240, -23.2814, 0.6806



72.8870, 17.8037, -63.9219



90.3620, 24.4715, -9.0875

Rectangle

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



89.8700, -9.3029, 43.9640



88.6340, -24.9626, 26.6310



72.8870, 17.8037, -63.9219



73.0130, 33.5176, -64.0324

Sweetspot

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



89.8700, -9.3029, 43.9640



162.1870, -3.5432, 16.4990



96.5400, 21.4258, 34.6064



80.1970, -2.0691, 10.3512



219.0000, 0.0000, 0.0000



92.0000, 0.0000, 0.0000

Same Dimension

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



89.8700, -9.3029, 43.9640



102.9440, -14.7624, 68.4551



108.3120, -19.8738, 27.7904



64.0930, -1.0318, 4.3034



40.4510, -16.9843, 81.1655



1.4950, -0.7370, 3.0739

Inverse Universe

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



89.8700, -9.3029, 43.9640



102.9440, -14.7624, 68.4551



99.6880, 19.8738, -27.7904



64.0930, -1.0318, 4.3034



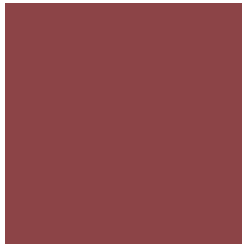
40.4510, -16.9843, 81.1655



1.4950, -0.7370, 3.0739

Previews

White Background



This preview shows how the YUV color 89.8700, -9.3029, 43.9640 looks on a white background.

Color Contrast Check

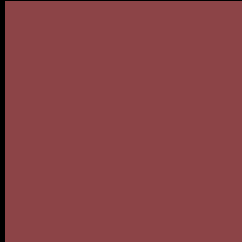
Large Text (above 18pt) WCAG AA ✓ Pass

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 89.8700, -9.3029, 43.9640 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

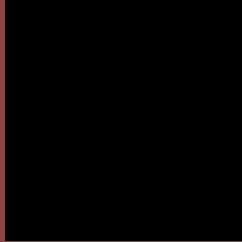
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 89.8700, -9.3029, 43.9640

Background



This preview shows how black text looks on a background with the YUV color 89.8700, -9.3029, 43.9640.



This preview shows how white text looks on a background with the YUV color 89.8700, -9.3029,

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

89.8700, -9.3029, 43.9640

Protanopia

90.2840, -4.0840, 3.2589

Deuteranopia

90.8140, -11.2473, 14.1951



Tritanopia

89.9840, -8.8661, 43.8640

Trichromacy



Original Color

89.8700, -9.3029, 43.9640

Protanomaly

90.2150, -6.0220, 18.2284

Deuteranomaly

90.4070, -10.5537, 25.0761

Tritanomaly

89.9840, -8.8661, 43.8640

Monochromacy



Original Color

89.8700, -9.3029, 43.9640

Achromatopsia

90.0000, 0.0000, 0.0000

Achromatomaly

89.8880, -3.3958, 15.8842

CSS Examples

Text

The CSS property to change the color of the text to YUV 89.8700, -9.3029, 43.9640 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(140, 68, 71)` looks like.

```
.text, #text, p{  
    color:rgb(140, 68, 71)  
}
```

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(140, 68, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 68, 71) }
```

Border

The CSS property to change the border of an element to YUV 89.8700, -9.3029, 43.9640 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(140, 68, 71) }
```


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

```
.border{ border-color:rgb(140, 68, 71) }
```

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

Here you see how a box with a 4 pixel rgb(140, 68, 71) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 68, 71); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 68, 71);  
box-shadow:4px 4px 4px 4px rgb(140, 68,  
71) }
```

Background

The CSS property to change the background color of an element to YUV 89.8700, -9.3029, 43.9640 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 68, 71) }
```

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

```
.background{ background-color: rgb(140, 68,  
71) }
```

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