

Converting Colors

YUV(89.1750, -11.9183,
42.8195)

Have a look what the booklet for
YUV(89.1750, -11.9183, 42.8195)
contains.

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Color

**YUV(89.1750, -11.9183,
42.8195)**

Conversions

Conversions Part 1

Format	Color
Hex	8A4541
RGB	138, 69, 65
RGB Percent	54%, 27%, 25%
CMY	0.4588, 0.7294, 0.7451
CMYK	0.00, 0.50, 0.53, 0.46
HSL	3°, 36%, 40%
HSV	3°, 53%, 54%
XYZ	13.5635, 10.0412, 6.2243
YIQ	89.1750, 42.4080, 13.3840

Conversions

Conversions Part 2

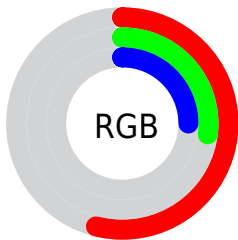
Format	Color
R_{YB}	138, 69, 65
Decimal	9061697
CIE _{Lab}	37.92, 28.89, 15.91
CIE _{LCh}	38, 32.981, 28.851
Yxy	10.0412, 0.4547, 0.3366
Android (android.graphics.Color)	4287251777 (0xFF8A4541)
YUV	89.1750, -11.9183, 42.8195
Hunter-Lab	31.6878, 20.9506, 10.5354

Details

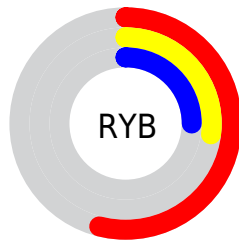
The YUV color **89.1750, -11.9183, 42.8195** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **113.8250, 11.9183, -42.8195**, and the grayscale version is **89.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **140.7410, -13.6763, 46.7081**, and **40.5380, -9.1392, 38.1162** is the 20% darker color. If you saturate the color by 10%, you get **79.9480, -14.2714, 50.9116**, and if you desaturate by 10%, it is **98.4020, -9.5652, 34.7274**.

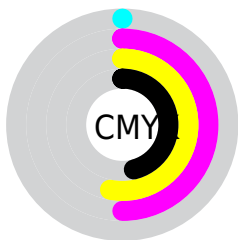
Distribution



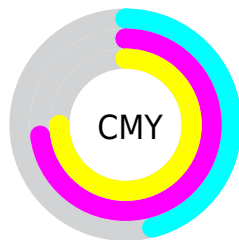
- Red (54%)
- Green (27%)
- Blue (25%)



- Red (54%)
- Yellow (27%)
- Blue (25%)



- Cyan (0%)
- Magenta (50%)
- Yellow (53%)
- Black (46%)



- Cyan (46%)
- Magenta (73%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the YUV color 89.1750, -11.9183, 42.8195 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 89.1750, -11.9183, 42.8195 by changing the saturation by 10% instead.

■ 89.1750, -11.9183,
42.8195

■ 89.1750, -11.9183,
42.8195

■ 255.0000, 0.0000,
0.0000

■ 64.5060, -10.6025,
40.7752

■ 140.7410,
-13.6763, 46.7081

■ 40.5380, -9.1392,
38.1162

■ 167.5240,
-14.5553, 48.6525

■ 17.6410, -8.6970,
36.2718

■ 195.4210,
-14.9976, 50.4968

■ 10.2800, -4.5750,
20.8024

■ 215.5330,
-11.6018, 34.6126

■ 0.0000, 0.0000,
0.0000

■ 235.1610, -7.4744,
17.3988

■ 254.2020, -3.0576,

0.6998

■ 89.1750, -11.9183,
42.8195

■ 89.1750, -11.9183,
42.8195

■ 79.9480, -14.2714,
50.9116

■ 98.4020, -9.5652,
34.7274

■ 70.7210, -16.6245,
59.0037

■ 107.6290, -7.2121,
26.6354

■ 61.6080, -18.5407,
66.9958

■ 116.7420, -5.2958,
18.6433

■ 52.3810, -20.8938,
75.0879

■ 125.9690, -2.9427,
10.5512

■ 45.9580, -22.6573,
80.7208

■ 135.1960, -0.5896,
2.4591

■ 144.4230, 1.7635,
-5.6330

■ 153.6500, 4.1166,
-13.7250

■ 162.7630, 6.0328,
-21.7172

■ 171.9900, 8.3859,
-29.8092

Harmonies

Analogous

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



90.6660, 0.1647, 40.6349



89.1750, -11.9183, 42.8195



88.4760, -21.9267, 32.9085

Triad

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



89.1750, -11.9183, 42.8195



78.8100, -8.7803, -30.5284



80.6570, 30.2421, -40.0412

Complementary

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



89.1750, -11.9183, 42.8195



113.8250, 11.9183, -42.8195

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.



73.3890, 29.8812, -64.3622



89.1750, -11.9183, 42.8195



70.3790, 8.1942, -61.7224

Square

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



89.1750, -11.9183, 42.8195



83.9460, -21.6654, -4.3376



72.8700, 20.2771, -63.9070



90.8360, 22.2659, -1.6102

Rectangle

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



89.1750, -11.9183, 42.8195



87.1990, -25.2411, 22.6275



72.8700, 20.2771, -63.9070



71.8390, 34.0964, -63.0028

Sweetspot

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



89.1750, -11.9183, 42.8195



159.8450, -4.8536, 16.7989



94.6930, 19.3784, 37.9802



77.6700, -2.7953, 9.9364



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.



89.1750, -11.9183, 42.8195



103.3090, -18.3933, 66.3810



110.3070, -22.3364, 24.2868



64.0930, -1.0318, 4.3034



43.8760, -21.6309, 78.1617



1.4950, -0.7370, 3.0739

Inverse Universe

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



113.8250, 11.9183, -42.8195



141.1040, 18.6827, -65.8662



92.6930, 22.3364, -24.2868



66.3200, 1.3212, -3.7886



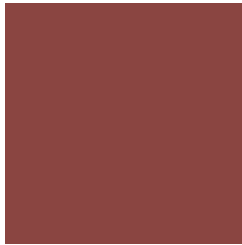
88.5370, 21.9203, -77.6469



3.5050, 0.7370, -3.0739

Previews

White Background



This preview shows how the YUV color 89.1750, -11.9183, 42.8195 looks on a white background.

Color Contrast Check

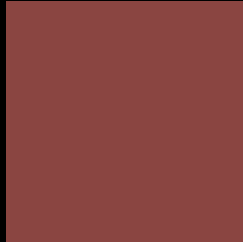
Large Text (above 18pt) WCAG AA ✓ Pass

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 89.1750, -11.9183, 42.8195 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 89.1750, -11.9183, 42.8195

Background



This preview shows how black text looks on a background with the YUV color 89.1750, -11.9183, 42.8195.



This preview shows how white text looks on a background with the YUV color 89.1750, -11.9183,

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

89.1750, -11.9183, 42.8195

Protanopia

89.6710, -7.7258, 4.6735

Deuteranopia

89.5430, -13.5787, 15.3098



Tritanopia

89.7990, -8.2819, 43.1493

Trichromacy



Original Color

89.1750, -11.9183, 42.8195

Protanomaly

89.4170, -9.0796, 18.9283

Deuteranomaly

89.4240, -13.0270, 25.0612

Tritanomaly

89.4570, -9.5923, 43.4492

Monochromacy



Original Color

89.1750, -11.9183, 42.8195

Achromatopsia

89.0000, 0.0000, 0.0000

Achromatomaly

89.2470, -4.5588, 15.5694

CSS Examples

Text

The CSS property to change the color of the text to YUV 89.1750, -11.9183, 42.8195 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, 69, 65)` looks like.

```
.text, #text, p{  
    color:rgb(138, 69, 65)  
}
```

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, 69, 65) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 69, 65) }
```

Border

The CSS property to change the border of an element to YUV 89.1750, -11.9183, 42.8195 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, 69, 65) }
```


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

```
.border{ border-color:rgb(138, 69, 65) }
```

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

Here you see how a box with a 4 pixel rgb(138, 69, 65) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 69, 65); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 69, 65);  
box-shadow:4px 4px 4px 4px rgb(138, 69,  
65) }
```

Background

The CSS property to change the background color of an element to YUV 89.1750, -11.9183, 42.8195 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 69, 65) }
```

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

```
.background{ background-color: rgb(138, 69,  
65) }
```

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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