

Converting Colors

YUV(89.3860, -8.5713, 42.6345)

Have a look what the booklet for
YUV(89.3860, -8.5713, 42.6345)
contains.

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Color

**YUV(89.3860, -8.5713,
42.6345)**

Conversions

Conversions Part 1

Format	Color
Hex	8A4448
RGB	138, 68, 72
RGB Percent	54%, 27%, 28%
CMY	0.4588, 0.7333, 0.7176
CMYK	0.00, 0.51, 0.48, 0.46
HSL	357°, 34%, 40%
HSV	357°, 51%, 54%
XYZ	13.7181, 10.0054, 7.3391
YIQ	89.3860, 40.4360, 16.0840

Conversions

Conversions Part 2

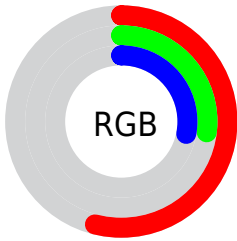
Format	Color
R_{YB}	138, 68, 72
Decimal	9061448
CIE Lab	37.85, 30.15, 11.45
CIE LCh	38, 32.255, 20.801
Yxy	10.0054, 0.4416, 0.3221
Android (android.graphics.Color)	4287251528 (0xFF8A4448)
YUV	89.3860, -8.5713, 42.6345
Hunter-Lab	31.6313, 22.0581, 8.3854

Details

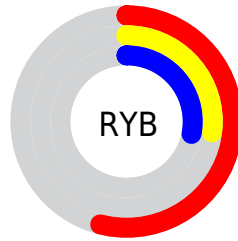
The YUV color **89.3860, -8.5713, 42.6345** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **116.6140, 8.5713, -42.6345**, and the grayscale version is **89.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **140.9520, -10.3293, 46.5231**, and **40.1620, -5.5029, 38.4459** is the 20% darker color. If you saturate the color by 10%, you get **79.6860, -10.1982, 51.1414**, and if you desaturate by 10%, it is **99.0860, -6.9444, 34.1276**.

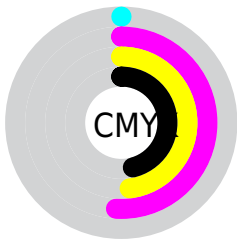
Distribution



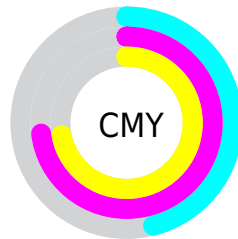
- Red (54%)
- Green (27%)
- Blue (28%)



- Red (54%)
- Yellow (27%)
- Blue (28%)



- Cyan (0%)
- Magenta (51%)
- Yellow (48%)
- Black (46%)



- Cyan (46%)
- Magenta (73%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the YUV color 89.3860, -8.5713, 42.6345 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 89.3860, -8.5713, 42.6345 by changing the saturation by 10% instead.

■ 89.3860, -8.5713,
42.6345

■ 89.3860, -8.5713,
42.6345

255.0000, 0.0000,
0.0000

■ 64.7170, -7.2555,
40.5902

■ 140.9520,
-10.3293, 46.5231

■ 40.1620, -5.5029,
38.4459

■ 167.8490,
-10.7716, 48.3674

■ 17.9830, -7.3866,
35.9719

■ 195.7460,
-11.2138, 50.2118

■ 10.5790, -4.7224,
21.4172

■ 215.8580, -7.8180,
34.3275

■ 0.0000, 0.0000,
0.0000

■ 235.4860, -3.6906,
17.1138

■ 89.3860, -8.5713,
42.6345

■ 89.3860, -8.5713,
42.6345

■ 79.6860, -10.1982,
51.1414

■ 99.0860, -6.9444,
34.1276

■ 69.9860, -11.8251,
59.6483

■ 108.7860, -5.3175,
25.6207

■ 60.8730, -13.7414,
67.6404

■ 117.8990, -3.4012,
17.6286

■ 51.1730, -15.3683,
76.1473

■ 127.5990, -1.7743,
9.1217

■ 42.1740, -16.8478,
84.0394

■ 137.2990, -0.1474,
0.6148

■ 146.9990, 1.4795,
-7.8921

■ 156.6990, 3.1064,
-16.3990

■ 165.8120, 5.0227,

-24.3911

■ 175.5120, 6.6496,
-32.8980

Harmonies

Analogous

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



90.8550, 3.5225, 36.9612



89.3860, -8.5713, 42.6345



88.5950, -19.0273, 36.3122

Triad

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



89.3860, -8.5713, 42.6345



81.1270, -12.8806, -22.0364



73.8290, 32.6223, -56.8550

Complementary

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



89.3860, -8.5713, 42.6345



116.6140, 8.5713, -42.6345

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.



73.4060, 27.4078, -64.3771



89.3860, -8.5713, 42.6345



68.9940, 5.4260, -60.5077

Square

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



89.3860, -8.5713, 42.6345



84.9360, -23.1394, 1.8101



72.0720, 17.2195, -63.2071



88.9490, 24.1821, -9.6023

Rectangle

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



89.3860, -8.5713, 42.6345



87.8620, -24.0890, 26.4310



72.0720, 17.2195, -63.2071



72.0840, 32.4966, -63.2177

Sweetspot

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



89.3860, -8.5713, 42.6345



160.1870, -3.5432, 16.4990



95.4150, 20.9944, 32.9620



77.8980, -1.9217, 9.7365



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.



89.3860, -8.5713, 42.6345



103.2750, -13.4466, 66.4108



106.5400, -19.0002, 27.5904



64.0930, -1.0318, 4.3034



40.6790, -16.1107, 80.9655



1.4950, -0.7370, 3.0739

Inverse Universe

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



89.3860, -8.5713, 42.6345



103.2750, -13.4466, 66.4108



99.4600, 19.0002, -27.5904



64.0930, -1.0318, 4.3034



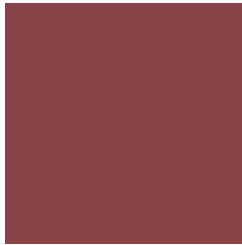
40.6790, -16.1107, 80.9655



1.4950, -0.7370, 3.0739

Previews

White Background



This preview shows how the YUV color 89.3860, -8.5713, 42.6345 looks on a white background.

Color Contrast Check

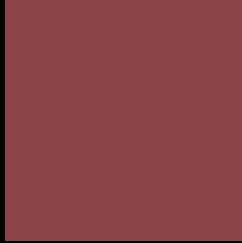
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



This preview shows how the YUV color 89.3860, -8.5713, 42.6345 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

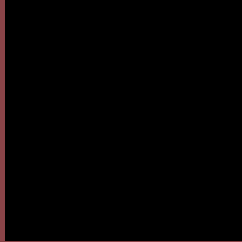
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 89.3860, -8.5713, 42.6345

Background



This preview shows how black text looks on a background with the YUV color 89.3860, -8.5713, 42.6345.



This preview shows how white text looks on a background with the YUV color 89.3860, -8.5713,

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

89.3860, -8.5713, 42.6345

Protanopia

89.5120, -3.2104, 3.0590

Deuteranopia

89.7430, -10.2263, 13.3804



Tritanopia

89.5000, -8.1345, 42.5345

Trichromacy



Original Color

89.3860, -8.5713, 42.6345

Protanomaly

89.1440, -5.0010, 17.4137

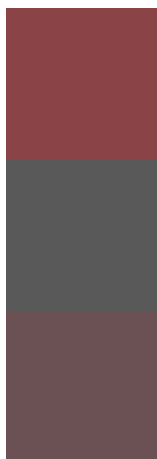
Deuteranomaly

89.3360, -9.5326, 24.2613

Tritanomaly

89.5000, -8.1345, 42.5345

Monochromacy



Original Color

89.3860, -8.5713, 42.6345

Achromatopsia

89.0000, 0.0000, 0.0000

Achromatomaly

89.0020, -2.9590, 15.7842

CSS Examples

Text

The CSS property to change the color of the text to YUV 89.3860, -8.5713, 42.6345 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, 68, 72)` looks like.

```
.text, #text, p{  
    color:rgb(138, 68, 72)  
}
```

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, 68, 72) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 68, 72) }
```

Border

The CSS property to change the border of an element to YUV 89.3860, -8.5713, 42.6345 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, 68, 72) }
```


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

```
.border{ border-color:rgb(138, 68, 72) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 68, 72)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 68, 72); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 68, 72);  
box-shadow:4px 4px 4px 4px rgb(138, 68,  
72) }
```

Background

The CSS property to change the background color of an element to YUV 89.3860, -8.5713, 42.6345 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 68, 72) }
```

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

```
.background{ background-color: rgb(138, 68,  
72) }
```

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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