

Converting Colors

YUV(89.8450, -18.1646,
39.6009)

Have a look what the booklet for
YUV(89.8450, -18.1646, 39.6009)
contains.

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Color

**YUV(89.8450, -18.1646,
39.6009)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|--------------------------|
| Hex | 874A35 |
| RGB | 135, 74, 53 |
| RGB Percent | 53%, 29%, 21% |
| CMY | 0.4706, 0.7098, 0.7922 |
| CMYK | 0.00, 0.45, 0.61, 0.47 |
| HSL | 15°, 44%, 37% |
| HSV | 15°, 61%, 53% |
| XYZ | 13.0831, 10.3055, 4.6678 |
| YIQ | 89.8450, 43.0970, 6.4010 |

Conversions

Conversions Part 2

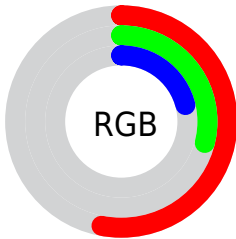
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 135, 81, 53 |
| Decimal | 8866357 |
| CIE Lab | 38.39, 23.74, 23.77 |
| CIE LCh | 38, 33.598, 45.032 |
| Yxy | 10.3055, 0.4663, 0.3673 |
| Android (android.graphics.Color) | 4287056437 (0xFF874A35) |
| YUV | 89.8450, -18.1646, 39.6009 |
| Hunter-Lab | 32.1022, 16.5678, 13.8506 |

Details

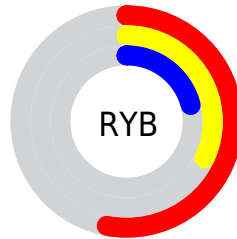
The YUV color **89.8450, -18.1646, 39.6009** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **98.1550, 18.1646, -39.6009**, and the grayscale version is **90.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **141.2970, -20.3594, 43.5895**, and **41.6810, -16.1117, 34.4828** is the 20% darker color. If you saturate the color by 10%, you get **82.4930, -20.9490, 46.0486**, and if you desaturate by 10%, it is **97.3110, -14.9433, 33.0533**.

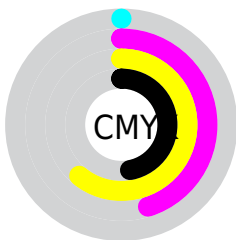
Distribution



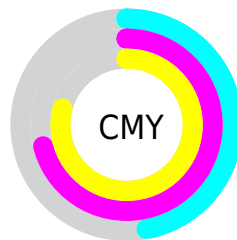
- Red (53%)
- Green (29%)
- Blue (21%)



- Red (53%)
- Yellow (32%)
- Blue (21%)



- Cyan (0%)
- Magenta (45%)
- Yellow (61%)
- Black (47%)



- Cyan (47%)
- Magenta (71%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the YUV color 89.8450, -18.1646, 39.6009 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 89.8450, -18.1646, 39.6009 by changing the saturation by 10% instead.

■ 89.8450, -18.1646,
39.6009

■ 89.8450, -18.1646,
39.6009

■ 255.0000, 0.0000,
0.0000

■ 65.7630, -17.1382,
37.0418

■ 141.2970,
-20.3594, 43.5895

■ 41.6810, -16.1117,
34.4828

■ 168.0800,
-21.2384, 45.5338

■ 19.3800, -9.5543,
31.2387

■ 195.8630,
-22.1175, 47.4781

■ 9.0840, -3.9854,
18.3433

■ 216.2850,
-18.8745, 33.9531

■ 0.0000, 0.0000,
0.0000

■ 236.3860,
-15.4733, 16.3245

■ 252.6060, -9.1728,

2.0995

■ 89.8450, -18.1646,
39.6009

■ 89.8450, -18.1646,
39.6009

■ 82.4930, -20.9490,
46.0486

■ 97.3110, -14.9433,
33.0533

■ 75.0270, -24.1703,
52.5963

■ 104.6630,
-12.1589, 26.6055

■ 67.6750, -26.9548,
59.0440

■ 112.1290, -8.9376,
20.0579

■ 60.9100, -30.0286,
64.9769

■ 119.4810, -6.1531,
13.6102

■ 126.9470, -2.9319,
7.0625

■ 134.2990, -0.1474,
0.6148

■ 141.7650, 3.0739,
-5.9329

■ 149.1170, 5.8583,
-12.3806

■ 156.5830, 9.0796,
-18.9283

Harmonies

Analogous

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



90.3800, -6.1033, 44.3937



89.8450, -18.1646, 39.6009



88.8080, -25.5413, 25.6014

Triad

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



89.8450, -18.1646, 39.6009



71.7020, 1.6259, -54.9897



89.1760, 26.5352, -17.6944

Complementary

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



89.8450, -18.1646, 39.6009



98.1550, 18.1646, -39.6009

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.



73.2410, 34.3912, -64.2324



89.8450, -18.1646, 39.6009



72.9040, 15.3303, -63.9368

Square

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



89.8450, -18.1646, 39.6009



82.9380, -16.2384, -18.3626



74.4660, 26.3923, -65.3067



93.3820, 17.5597, 14.5740

Rectangle

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



89.8450, -18.1646, 39.6009



87.2040, -26.2296, 12.9761



74.4660, 26.3923, -65.3067



85.3700, 28.9046, -31.0195

Sweetspot

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



89.8450, -18.1646, 39.6009



158.2640, -7.0322, 15.5545



84.5860, 14.9941, 44.2131



78.6160, -4.2477, 9.1068



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.



89.8450, -18.1646, 39.6009



105.0560, -28.1286, 62.2179



113.9120, -30.0296, 18.4942



62.3810, -1.1738, 3.1739



58.2410, -28.7128, 62.9326



1.4840, -0.7316, 1.3295

Inverse Universe

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



98.1550, 18.1646, -39.6009



118.3570, 28.4180, -61.7031



74.6750, 29.7402, -19.0090



63.6190, 1.1738, -3.1739



71.7590, 28.7128, -62.9326



1.5160, 0.7316, -1.3295

Previews

White Background



This preview shows how the YUV color 89.8450, -18.1646, 39.6009 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 89.8450, -18.1646, 39.6009 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 89.8450, -18.1646, 39.6009

Background



This preview shows how black text looks on a background with the YUV color 89.8450, -18.1646, 39.6009.



This preview shows how white text looks on a background with the YUV color 89.8450, -18.1646,

39.6009.

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

89.8450, -18.1646, 39.6009

Protanopia

89.7440, -15.1568, 8.1175

Deuteranopia

89.9580, -19.6993, 18.4538



Tritanopia

91.0050, -7.3975, 39.4606

Trichromacy



Original Color

89.8450, -18.1646, 39.6009

Protanomaly

89.8810, -16.2103, 19.3984

Deuteranomaly

89.8280, -19.1422, 26.4608

Tritanomaly

90.6800, -11.1812, 39.7456

Monochromacy



Original Color

89.8450, -18.1646, 39.6009

Achromatopsia

90.0000, 0.0000, 0.0000

Achromatomaly

89.7800, -6.3005, 14.2249

CSS Examples

Text

The CSS property to change the color of the text to YUV 89.8450, -18.1646, 39.6009 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(135, 74, 53)` looks like.

```
.text, #text, p{  
    color:rgb(135, 74, 53)  
}
```

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(135, 74, 53) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 74, 53) }
```

Border

The CSS property to change the border of an element to YUV 89.8450, -18.1646, 39.6009 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(135, 74, 53) }
```


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

```
.border{ border-color:rgb(135, 74, 53) }
```

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

Here you see how a box with a 4 pixel rgb(135, 74, 53) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 74, 53); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 74, 53);  
box-shadow:4px 4px 4px 4px rgb(135, 74,  
53) }
```

Background

The CSS property to change the background color of an element to YUV 89.8450, -18.1646, 39.6009 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 74, 53) }
```

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

```
.background{ background-color: rgb(135, 74,  
53) }
```

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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