

Converting Colors

YUV(86.9470, -16.2429,
29.8645)

Have a look what the booklet for
YUV(86.9470, -16.2429, 29.8645)
contains.

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Color

**YUV(86.9470, -16.2429,
29.8645)**

Conversions

Conversions Part 1

Format	Color
Hex	794C36
RGB	121, 76, 54
RGB Percent	47%, 30%, 21%
CMY	0.5255, 0.7020, 0.7882
CMYK	0.00, 0.37, 0.55, 0.53
HSL	20°, 38%, 34%
HSV	20°, 55%, 47%
XYZ	11.1355, 9.5002, 4.7368
YIQ	86.9470, 33.8820, 2.6980

Conversions

Conversions Part 2

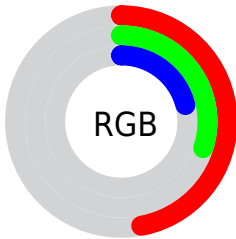
Format	Color
RYB	121, 87, 54
Decimal	7949366
CIELab	36.93, 16.51, 20.92
CIELCh	37, 26.650, 51.714
Yxy	9.5002, 0.4389, 0.3744
Android (android.graphics.Color)	4286139446 (0xFF794C36)
YUV	86.9470, -16.2429, 29.8645
Hunter-Lab	30.8223, 10.5491, 12.4638

Details

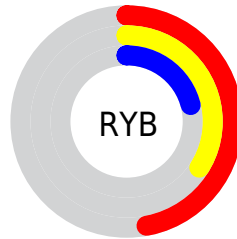
The YUV color **86.9470, -16.2429, 29.8645** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **88.0530, 16.2429, -29.8645**, and the grayscale version is **87.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **137.5130, -18.0009, 33.7531**, and **39.9680, -14.7742, 25.4611** is the 20% darker color. If you saturate the color by 10%, you get **80.8830, -19.1693, 35.1826**, and if you desaturate by 10%, it is **93.0110, -13.3164, 24.5464**.

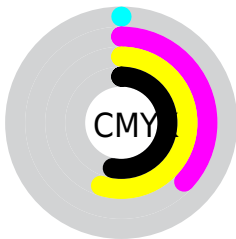
Distribution



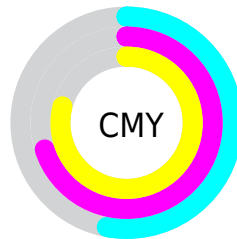
- Red (47%)
- Green (30%)
- Blue (21%)



- Red (47%)
- Yellow (34%)
- Blue (21%)



- Cyan (0%)
- Magenta (37%)
- Yellow (55%)
- Black (53%)



- Cyan (53%)
- Magenta (70%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the YUV color 86.9470, -16.2429, 29.8645 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 86.9470, -16.2429, 29.8645 by changing the saturation by 10% instead.

■ 86.9470, -16.2429,
29.8645

■ 86.9470, -16.2429,
29.8645

255.0000, 0.0000,
0.0000

■ 63.1640, -15.3639,
27.9202

■ 137.5130,
-18.0009, 33.7531

■ 39.9680, -14.7742,
25.4611

■ 163.9970,
-18.7325, 35.0826

■ 19.3250, -9.5272,
22.5170

■ 191.4810,
-19.4641, 36.4122

■ 2.6910, -1.3267,
5.5330

■ 217.5730,
-19.0165, 32.8235

■ 0.0000, 0.0000,
0.0000

■ 237.2010,
-14.8891, 15.6097

■ 252.7200, -8.7360,

1.9996

■ 86.9470, -16.2429,
29.8645

■ 86.9470, -16.2429,
29.8645

■ 80.8830, -19.1693,
35.1826

■ 93.0110, -13.3164,
24.5464

■ 74.8190, -22.0958,
40.5007

■ 99.0750, -10.3900,
19.2282

■ 68.7550, -25.0222,
45.8189

■ 105.1390, -7.4635,
13.9101

■ 62.1040, -27.6593,
51.6518

■ 111.7900, -4.8265,
8.0772

■ 59.6590, -29.4119,
53.7961

■ 117.8540, -1.9000,
2.7590

■ 124.0320, 1.4632,
-2.6591

■ 130.0960, 4.3897,
-7.9772

■ 136.1600, 7.3161,
-13.2953

■ 142.2240, 10.2426,
-18.6134

Harmonies

Analogous

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



87.5700, -7.6760, 35.4571



86.9470, -16.2429, 29.8645



86.0180, -20.7149, 17.5242

Triad

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



86.9470, -16.2429, 29.8645



74.7190, 2.6035, -41.8496



87.7060, 19.3719, -6.7582

Complementary

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



86.9470, -16.2429, 29.8645



88.0530, 16.2429, -29.8645

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.



80.0830, 24.1161, -35.1528



86.9470, -16.2429, 29.8645



69.1540, 16.1931, -60.6481

Square

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



86.9470, -16.2429, 29.8645



80.5450, -10.1287, -18.0180



70.0320, 24.6342, -61.4181



89.9000, 11.8813, 15.8737

Rectangle

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



86.9470, -16.2429, 29.8645



84.1800, -19.8087, 6.8581



70.0320, 24.6342, -61.4181



85.5200, 21.4356, -15.3650

Sweetspot

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



86.9470, -16.2429, 29.8645



144.3560, -6.5845, 11.9658



79.2770, 10.2164, 36.5911



70.7190, -3.8055, 7.2624



207.0000, 0.0000, 0.0000



79.0000, 0.0000, 0.0000

Same Dimension

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



86.9470, -16.2429, 29.8645



105.0540, -25.1696, 46.4336



106.3180, -25.7928, 12.8761



57.9680, -1.4632, 2.6591



61.4420, -30.2909, 55.7404



124.0690, -61.1660, 112.1955

Inverse Universe

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



88.0530, 16.2429, -29.8645



106.9460, 25.1696, -46.4336



68.6820, 25.7928, -12.8761



58.0320, 1.4632, -2.6591



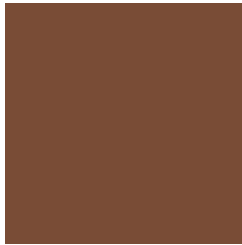
63.5580, 30.2909, -55.7404



128.5180, 60.8766, -112.7103

Previews

White Background



This preview shows how the YUV color 86.9470, -16.2429, 29.8645 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 86.9470, -16.2429, 29.8645 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

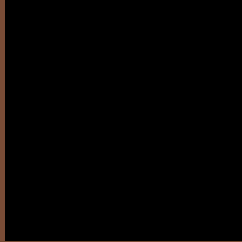
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 86.9470, -16.2429, 29.8645

Background



This preview shows how black text looks on a background with the YUV color 86.9470, -16.2429, 29.8645.



This preview shows how white text looks on a background with the YUV color 86.9470, -16.2429,

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

86.9470, -16.2429, 29.8645

Protanopia

86.0860, -13.8464, 7.8176

Deuteranopia

86.4570, -16.4943, 17.1392



Tritanopia

88.5200, -5.1864, 30.2390

Trichromacy



Original Color

86.9470, -16.2429, 29.8645

Protanomaly

86.3150, -14.4523, 15.5097

Deuteranomaly

86.1910, -16.3632, 21.7575

Tritanomaly

87.7820, -9.2595, 30.0092

Monochromacy



Original Color

86.9470, -16.2429, 29.8645

Achromatopsia

87.0000, 0.0000, 0.0000

Achromatomaly

86.8720, -5.8529, 10.6363

CSS Examples

Text

The CSS property to change the color of the text to YUV 86.9470, -16.2429, 29.8645 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(121, 76, 54)` looks like.

```
.text, #text, p{  
    color:rgb(121, 76, 54)  
}
```

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(121, 76, 54) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 76, 54) }
```

Border

The CSS property to change the border of an element to YUV 86.9470, -16.2429, 29.8645 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(121, 76, 54) }
```


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

```
.border{ border-color:rgb(121, 76, 54) }
```

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

Here you see how a box with a 4 pixel rgb(121, 76, 54) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 76, 54); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 76, 54);  
box-shadow:4px 4px 4px 4px rgb(121, 76,  
54) }
```

Background

The CSS property to change the background color of an element to YUV 86.9470, -16.2429, 29.8645 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 76, 54) }
```

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

```
.background{ background-color: rgb(121, 76,  
54) }
```

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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