

Converting Colors

YUV(86.4100, -18.4431,
35.5974)

Have a look what the booklet for
YUV(86.4100, -18.4431, 35.5974)
contains.

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Color

**YUV(86.4100, -18.4431,
35.5974)**

Conversions

Conversions Part 1	
Format	Color
Hex	7F4931
RGB	127, 73, 49
RGB Percent	50%, 29%, 19%
CMY	0.5020, 0.7137, 0.8078
CMYK	0.00, 0.43, 0.61, 0.50
HSL	18°, 44%, 35%
HSV	18°, 61%, 50%
XYZ	11.6893, 9.4989, 4.1231
YIQ	86.4100, 39.8880, 3.9840

Conversions

Conversions Part 2

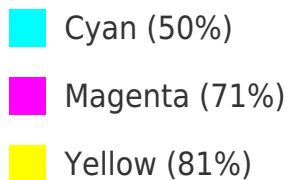
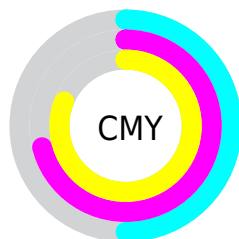
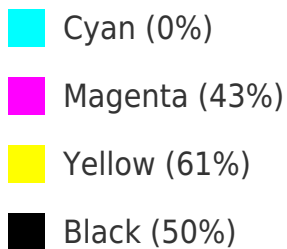
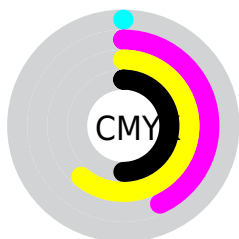
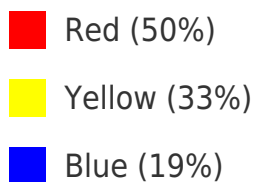
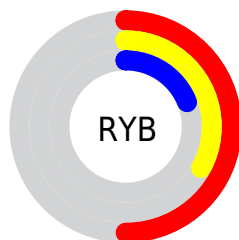
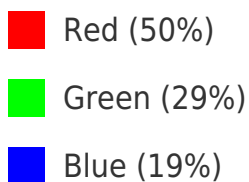
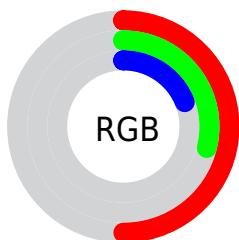
Format	Color
RYB	127, 84, 49
Decimal	8341809
CIELab	36.93, 20.51, 24.09
CIELCh	37, 31.643, 49.589
Yxy	9.4989, 0.4618, 0.3753
Android (android.graphics.Color)	4286531889 (0xFF7F4931)
YUV	86.4100, -18.4431, 35.5974
Hunter-Lab	30.8202, 13.7651, 13.6424

Details

The YUV color **86.4100, -18.4431, 35.5974** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **89.5900, 18.4431, -35.5974**, and the grayscale version is **87.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **137.2750, -20.3486, 40.1008**, and **38.9040, -17.7007, 30.7792** is the 20% darker color. If you saturate the color by 10%, you get **79.6450, -21.5170, 41.5303**, and if you desaturate by 10%, it is **93.1750, -15.3693, 29.6645**.

Distribution





Brightness & Saturation

Gradients


These gradients show how the YUV color 86.4100, -18.4431, 35.5974 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 86.4100, -18.4431, 35.5974 by changing the saturation by 10% instead.


 86.4100, -18.4431,
35.5974


 86.4100, -18.4431,
35.5974


255.0000, 0.0000,
0.0000


 62.3280, -17.4167,
33.0383


 137.2750,
-20.3486, 40.1008


 38.9040, -17.7007,
30.7792


 163.7590,
-21.0802, 41.4304


 17.8740, -8.8119,
26.4205

 191.5420,
-21.9592, 43.3747

 5.0830, -2.5059,
10.4512

 215.1280,
-20.7691, 34.9677

 0.0000, 0.0000,
0.0000

 234.7560,
-16.6417, 17.7540

 252.0360,

-11.3567, 2.5994

■ 86.4100, -18.4431,
35.5974

■ 86.4100, -18.4431,
35.5974

■ 79.6450, -21.5170,
41.5303

■ 93.1750, -15.3693,
29.6645

■ 72.9940, -24.1540,
47.3633

■ 99.8260, -12.7322,
23.8316

■ 66.8160, -27.5173,
52.7814

■ 106.0040, -9.3690,
18.4135

■ 60.8660, -30.0069,
57.9995

■ 112.7690, -6.2951,
12.4806

■ 119.5340, -3.2213,
6.5477

■ 126.1850, -0.5842,
0.7148

■ 132.9500, 2.4897,
-5.2181

■ 139.1280, 5.8529,
-10.6363

■ 145.7790, 8.4900,
-16.4692

Harmonies

Analogous

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



87.2010, -7.9871, 41.9197



86.4100, -18.4431, 35.5974



84.8290, -24.0727, 21.1980

Triad

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



86.4100, -18.4431, 35.5974



66.8910, 4.9837, -58.6634



86.8240, 23.7508, -11.2466

Complementary

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



86.4100, -18.4431, 35.5974



89.5900, 18.4431, -35.5974

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.



70.2200, 32.9225, -59.8289



86.4100, -18.4431, 35.5974



70.4420, 16.0511, -61.7776

Square

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



86.4100, -18.4431, 35.5974



79.1380, -12.8860, -20.2920



71.7760, 26.2394, -62.9476



90.0080, 14.7861, 17.5330

Rectangle

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



86.4100, -18.4431, 35.5974



83.7520, -24.0347, 8.9875



71.7760, 26.2394, -62.9476



84.0290, 26.1147, -22.8274

Sweetspot

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



86.4100, -18.4431, 35.5974



150.2530, -7.0267, 13.8101



78.5920, 12.5261, 42.4538



74.3170, -4.1003, 8.4920



212.0000, 0.0000, 0.0000



84.0000, 0.0000, 0.0000

Same Dimension

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



86.4100, -18.4431, 35.5974



102.0830, -29.1279, 56.0552



108.7160, -29.4400, 16.0351



60.2670, -1.6106, 3.2738



61.1650, -30.1543, 58.6143



0.0000, 0.0000, 0.0000

Inverse Universe

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



89.5900, 18.4431, -35.5974



106.9170, 29.1279, -56.0552



67.2840, 29.4400, -16.0351



60.7330, 1.6106, -3.2738



66.2480, 30.4437, -58.0995



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 86.4100, -18.4431, 35.5974 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 86.4100, -18.4431, 35.5974 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

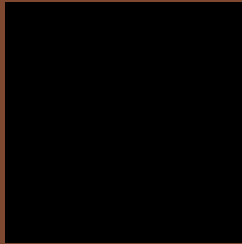
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 86.4100, -18.4431, 35.5974

Background



This preview shows how black text looks on a background with the YUV color 86.4100, -18.4431, 35.5974.



This preview shows how white text looks on a background with the YUV color 86.4100, -18.4431,

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

86.4100, -18.4431, 35.5974

Protanopia

85.6300, -15.5936, 8.2175

Deuteranopia

86.0720, -19.2625, 18.3539



Tritanopia

88.2110, -6.5130, 35.7720

Trichromacy



Original Color
86.4100, -18.4431, 35.5974

Protanomaly
86.0550, -16.7891, 18.3688

Deuteranomaly
85.9310, -18.7000, 24.6165

Tritanomaly
87.4730, -10.5862, 35.5422

Monochromacy



Original Color
86.4100, -18.4431, 35.5974

Achromatopsia
86.0000, 0.0000, 0.0000

Achromatomaly
86.0680, -6.4425, 13.0954

CSS Examples

Text

The CSS property to change the color of the text to YUV 86.4100, -18.4431, 35.5974 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(127, 73, 49)` looks like.

```
.text, #text, p{  
    color:rgb(127, 73, 49)  
}
```

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(127, 73, 49) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 73, 49) }
```

Border

The CSS property to change the border of an element to YUV 86.4100, -18.4431, 35.5974 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(127, 73, 49) }
```

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

```
.border{ border-color:rgb(127, 73, 49) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 73, 49)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 73, 49); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 73, 49);  
box-shadow:4px 4px 4px 4px rgb(127, 73,  
49) }
```

Background

The CSS property to change the background color of an element to YUV 86.4100, -18.4431, 35.5974 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 73, 49) }
```

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

```
.background{ background-color: rgb(127, 73,  
49) }
```

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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