

Converting Colors

YUV(86.4750, -16.9962,
38.1714)

Have a look what the booklet for
YUV(86.4750, -16.9962, 38.1714)
contains.

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Color

**YUV(86.4750, -16.9962,
38.1714)**

Conversions

Conversions Part 1

Format	Color
Hex	824734
RGB	130, 71, 52
RGB Percent	51%, 28%, 20%
CMY	0.4902, 0.7216, 0.7961
CMYK	0.00, 0.45, 0.60, 0.49
HSL	15°, 43%, 36%
HSV	15°, 60%, 51%
XYZ	12.0790, 9.5002, 4.4459
YIQ	86.4750, 41.2630, 6.5990

Conversions

Conversions Part 2

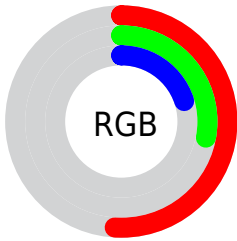
Format	Color
RYB	130, 77, 52
Decimal	8537908
CIELab	36.93, 23.23, 22.39
CIELCh	37, 32.266, 43.938
Yxy	9.5002, 0.4641, 0.3650
Android (android.graphics.Color)	4286727988 (0xFF824734)
YUV	86.4750, -16.9962, 38.1714
Hunter-Lab	30.8225, 16.0130, 13.0236

Details

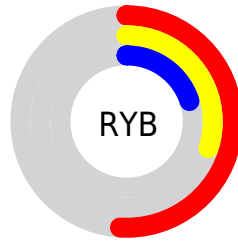
The YUV color **86.4750, -16.9962, 38.1714** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **95.5250, 16.9962, -38.1714**, and the grayscale version is **87.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **137.3400, -18.9016, 42.6748**, and **38.4960, -15.5275, 33.7680** is the 20% darker color. If you saturate the color by 10%, you get **79.1230, -19.7806, 44.6191**, and if you desaturate by 10%, it is **93.8270, -14.2117, 31.7237**.

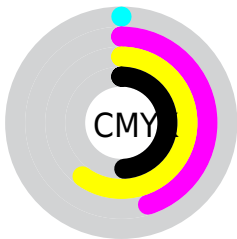
Distribution



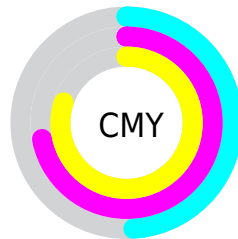
- Red (51%)
- Green (28%)
- Blue (20%)



- Red (51%)
- Yellow (30%)
- Blue (20%)



- Cyan (0%)
- Magenta (45%)
- Yellow (60%)
- Black (49%)



- Cyan (49%)
- Magenta (72%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the YUV color 86.4750, -16.9962, 38.1714 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 86.4750, -16.9962, 38.1714 by changing the saturation by 10% instead.

■ 86.4750, -16.9962,
38.1714

■ 86.4750, -16.9962,
38.1714

■ 255.0000, 0.0000,
0.0000

■ 62.3930, -15.9697,
35.6123

■ 137.3400,
-18.9016, 42.6748

■ 38.4960, -15.5275,
33.7680

■ 164.1230,
-19.7806, 44.6191

■ 17.0100, -8.3859,
29.8092

■ 191.6070,
-20.5123, 45.9487

■ 6.5780, -3.2430,
13.5251

■ 214.4100,
-18.4431, 35.5974

■ 0.0000, 0.0000,
0.0000

■ 233.9240,
-14.7525, 18.4837

■ 252.3780,

-10.0464, 2.2995

■ 86.4750, -16.9962,
38.1714

■ 86.4750, -16.9962,
38.1714

■ 79.1230, -19.7806,
44.6191

■ 93.8270, -14.2117,
31.7237

■ 71.7710, -22.5651,
51.0668

■ 101.1790,
-11.4272, 25.2760

■ 64.4190, -25.3496,
57.5145

■ 108.5310, -8.6428,
18.8283

■ 57.6540, -28.4234,
63.4474

■ 115.2960, -5.5689,
12.8954

■ 122.6480, -2.7845,
6.4477

■ 130.0000, 0.0000,
0.0000

■ 137.3520, 2.7845,
-6.4477

■ 144.7040, 5.5689,
-12.8954

■ 152.0560, 8.3534,
-19.3431

Harmonies

Analogous

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



87.4830, -5.6611, 42.5494



86.4750, -16.9962, 38.1714



85.7370, -24.5203, 24.7867

Triad

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



86.4750, -16.9962, 38.1714



70.8060, 0.5886, -48.9419



84.9480, 25.6616, -17.4944

Complementary

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



86.4750, -16.9962, 38.1714



95.5250, 16.9962, -38.1714

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.



70.6820, 32.2018, -61.9881



86.4750, -16.9962, 38.1714



69.9860, 14.3039, -61.3777

Square

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



86.4750, -16.9962, 38.1714



80.0630, -15.8071, -16.7183



71.4340, 24.9290, -62.6476



89.2570, 17.1283, 12.9296

Rectangle

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



86.4750, -16.9962, 38.1714



84.4320, -25.3560, 12.7761



71.4340, 24.9290, -62.6476



81.8430, 28.1784, -31.4343

Sweetspot

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



86.4750, -16.9962, 38.1714



151.0790, -6.4479, 14.8397



82.1620, 14.7101, 41.9539



73.7300, -3.8109, 9.0068



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.



86.4750, -16.9962, 38.1714



100.7890, -26.5180, 58.9440



108.7810, -27.9930, 18.6091



60.2670, -1.6106, 3.2738



56.4690, -27.8392, 62.7327



0.0000, 0.0000, 0.0000

Inverse Universe

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



95.5250, 16.9962, -38.1714



114.7980, 26.2286, -59.4588



73.2190, 27.9930, -18.6091



60.7330, 1.6106, -3.2738



70.9440, 28.1286, -62.2179



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 86.4750, -16.9962, 38.1714 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 86.4750, -16.9962, 38.1714 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 86.4750, -16.9962, 38.1714

Background



This preview shows how black text looks on a background with the YUV color 86.4750, -16.9962, 38.1714.



This preview shows how white text looks on a background with the YUV color 86.4750, -16.9962,

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

86.4750, -16.9962, 38.1714

Protanopia

86.0860, -13.8464, 7.8176

Deuteranopia

86.4140, -17.9521, 18.0539



Tritanopia

87.4070, -7.1027, 38.2311

Trichromacy



Original Color

86.4750, -16.9962, 38.1714

Protanomaly

86.2230, -14.8999, 19.0984

Deuteranomaly

86.5720, -17.5370, 24.9314

Tritanomaly

87.0820, -10.8864, 38.5161

Monochromacy



Original Color

86.4750, -16.9962, 38.1714

Achromatopsia

86.0000, 0.0000, 0.0000

Achromatomaly

86.4810, -6.1531, 13.6102

CSS Examples

Text

The CSS property to change the color of the text to YUV 86.4750, -16.9962, 38.1714 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(130, 71, 52)` looks like.

```
.text, #text, p{  
    color:rgb(130, 71, 52)  
}
```

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(130, 71, 52) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 71, 52) }
```

Border

The CSS property to change the border of an element to YUV 86.4750, -16.9962, 38.1714 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(130, 71, 52) }
```


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

```
.border{ border-color:rgb(130, 71, 52) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 71, 52)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 71, 52); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 71, 52);  
box-shadow:4px 4px 4px 4px rgb(130, 71,  
52) }
```

Background

The CSS property to change the background color of an element to YUV 86.4750, -16.9962, 38.1714 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 71, 52) }
```

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

```
.background{ background-color: rgb(130, 71,  
52) }
```

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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