

Converting Colors

YUV(86.4800, -1.2226, 18.8730)

Have a look what the booklet for
YUV(86.4800, -1.2226, 18.8730)
contains.

YUV(86.4800, -1.2226, 18.8730)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(86.4800, -1.2226,
18.8730)**

Conversions

Conversions Part 1

Format	Color
Hex	6C4C54
RGB	108, 76, 84
RGB Percent	42%, 30%, 33%
CMY	0.5765, 0.7020, 0.6706
CMYK	0.00, 0.30, 0.22, 0.58
HSL	345°, 17%, 36%
HSV	345°, 30%, 42%
XYZ	10.3690, 8.9971, 9.5776
YIQ	86.4800, 16.5040, 9.2720

Conversions

Conversions Part 2

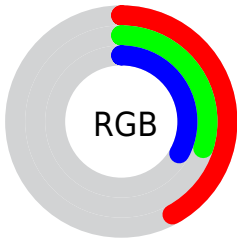
Format	Color
RYB	108, 76, 84
Decimal	7097428
CIELab	35.98, 14.86, 0.67
CIELCh	36, 14.880, 2.588
Yxy	8.9971, 0.3582, 0.3108
Android (android.graphics.Color)	4285287508 (0xFF6C4C54)
YUV	86.4800, -1.2226, 18.8730
Hunter-Lab	29.9952, 9.2139, 2.0651

Details

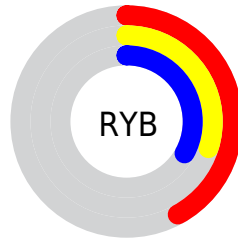
The YUV color **86.4800, -1.2226, 18.8730** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **97.5200, 1.2226, -18.8730**, and the grayscale version is **86.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **136.3770, -1.6649, 20.7174**, and **40.5830, -0.7804, 17.0287** is the 20% darker color. If you saturate the color by 10%, you get **79.1110, -1.5337, 25.3357**, and if you desaturate by 10%, it is **93.8490, -0.9116, 12.4104**.

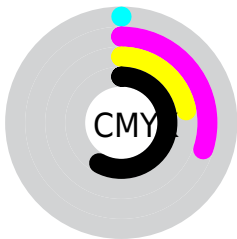
Distribution



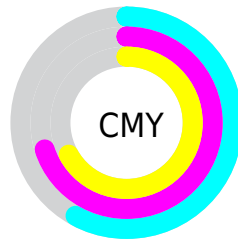
- Red (42%)
- Green (30%)
- Blue (33%)



- Red (42%)
- Yellow (30%)
- Blue (33%)



- Cyan (0%)
- Magenta (30%)
- Yellow (22%)
- Black (58%)



- Cyan (58%)
- Magenta (70%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the YUV color 86.4800, -1.2226, 18.8730 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 86.4800, -1.2226, 18.8730 by changing the saturation by 10% instead.

86.4800, -1.2226,
18.8730

86.4800, -1.2226,
18.8730

255.0000, 0.0000,
0.0000

62.8820, -0.9278,
17.6435

136.3770, -1.6649,
20.7174

40.5830, -0.7804,
17.0287

162.7900, -1.3755,
21.2322

19.0990, -0.0488,
15.6992

190.0890, -1.5229,
21.8469

0.0000, 0.0000,
0.0000

217.6870, -1.8177,
23.0765

241.3050, 0.8356,
12.0105

86.4800, -1.2226,
18.8730

86.4800, -1.2226,
18.8730

79.1110, -1.5337,
25.3357

93.8490, -0.9116,
12.4104

71.7420, -1.8448,
31.7983

101.2180, -0.6005,
5.9478

64.9600, -2.4453,
37.7461

108.0000, 0.0000,
0.0000

57.5910, -2.7564,
44.2087

115.3690, 0.3111,
-6.4626

50.2220, -3.0674,
50.6713

122.8520, 1.0590,
-13.0252

42.7390, -3.8153,
57.2339

130.2210, 1.3700,
-19.4878

35.3700, -4.1264,
63.6965

137.5900, 1.6811,
-25.9504

144.3720, 2.2816,

-31.8982

■ 151.7410, 2.5927,
-38.3609

Harmonies

Analogous

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



86.9290, 4.4720, 12.3403



86.4800, -1.2226, 18.8730



85.6990, -6.7536, 19.5580

Triad

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



86.4800, -1.2226, 18.8730



82.5730, -9.1565, -3.1335



81.2560, 11.7058, -21.2725

Complementary

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



86.4800, -1.2226, 18.8730



97.5200, 1.2226, -18.8730

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.



79.4250, 8.6645, -25.8057



86.4800, -1.2226, 18.8730



80.8860, -3.8878, -13.0550

Square

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



86.4800, -1.2226, 18.8730



83.7700, -11.2256, 7.2177



79.2530, 2.8333, -22.1469



83.7350, 11.9626, -10.2916

Rectangle

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



86.4800, -1.2226, 18.8730



85.2920, -9.5110, 17.2839



79.2530, 2.8333, -22.1469



80.4190, 11.1324, -24.0465

Sweetspot

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



86.4800, -1.2226, 18.8730



131.9300, -0.4585, 7.0774



86.8240, 10.4398, 11.5554



66.3210, -0.1583, 4.1035



199.0000, 0.0000, 0.0000



71.0000, 0.0000, 0.0000

Same Dimension

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



86.4800, -1.2226, 18.8730



106.3180, -2.1288, 29.5391



90.2640, -7.0322, 15.5545



50.0220, -0.0108, 3.4887



38.2890, -4.5795, 69.0295



80.2090, -9.4700, 144.5217

Inverse Universe

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



86.4800, -1.2226, 18.8730



106.3180, -2.1288, 29.5391



93.7360, 7.0322, -15.5545



50.0220, -0.0108, 3.4887



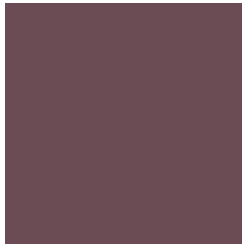
38.2890, -4.5795, 69.0295



80.2090, -9.4700, 144.5217

Previews

White Background



This preview shows how the YUV color 86.4800, -1.2226, 18.8730 looks on a white background.

Color Contrast Check

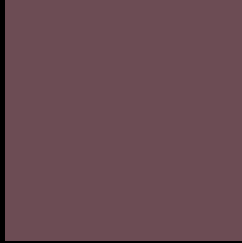
Large Text (above 18pt) WCAG AA ✓ Pass

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 86.4800, -1.2226, 18.8730 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

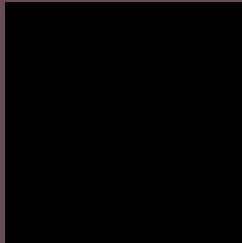
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 86.4800, -1.2226, 18.8730

Background



This preview shows how black text looks on a background with the YUV color 86.4800, -1.2226, 18.8730.



This preview shows how white text looks on a background with the YUV color 86.4800, -1.2226,

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

86.4800, -1.2226, 18.8730

Protanopia

84.8690, 2.0366, 0.1149

Deuteranopia

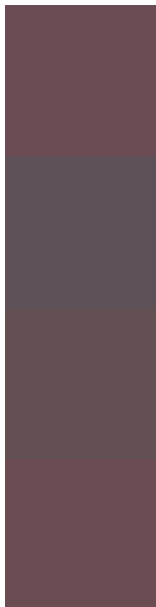
85.7020, -1.3321, 7.2773



Tritanopia

86.2520, -2.0962, 19.0730

Trichromacy



Original Color

86.4800, -1.2226, 18.8730

Protanomaly

85.2720, 0.8519, 6.7775

Deuteranomaly

86.0230, -1.4903, 11.3808

Tritanomaly

86.3660, -1.6594, 18.9730

Monochromacy



Original Color

86.4800, -1.2226, 18.8730

Achromatopsia

86.0000, 0.0000, 0.0000

Achromatomaly

85.9300, -0.4585, 7.0774

CSS Examples

Text

The CSS property to change the color of the text to YUV 86.4800, -1.2226, 18.8730 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(108, 76, 84)` looks like.

```
.text, #text, p{  
    color:rgb(108, 76, 84)  
}
```

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(108, 76, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 76, 84) }
```

Border

The CSS property to change the border of an element to YUV 86.4800, -1.2226, 18.8730 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(108, 76, 84) }
```


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

```
.border{ border-color:rgb(108, 76, 84) }
```

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

Here you see how a box with a 4 pixel rgb(108, 76, 84) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 76, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 76, 84);  
box-shadow:4px 4px 4px 4px rgb(108, 76,  
84) }
```

Background

The CSS property to change the background color of an element to YUV 86.4800, -1.2226, 18.8730 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 76, 84) }
```

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

```
.background{ background-color: rgb(108, 76,  
84) }
```

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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