

Converting Colors

YUV(86.0460, -2.9807, 22.7617)

Have a look what the booklet for
YUV(86.0460, -2.9807, 22.7617)
contains.

YUV(86.0460, -2.9807, 22.7617)	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(86.0460, -2.9807,
22.7617)**

Conversions

Conversions Part 1

Format	Color
Hex	704A50
RGB	112, 74, 80
RGB Percent	44%, 29%, 31%
CMY	0.5608, 0.7098, 0.6863
CMYK	0.00, 0.34, 0.29, 0.56
HSL	351°, 20%, 36%
HSV	351°, 34%, 44%
XYZ	10.5788, 8.9215, 8.7539
YIQ	86.0460, 20.7220, 9.9220

Conversions

Conversions Part 2

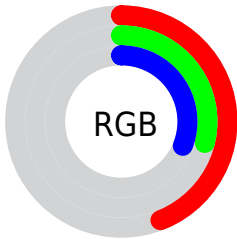
Format	Color
R_{YB}	112, 74, 80
Decimal	7359056
CIE Lab	35.83, 17.10, 3.05
CIE LCh	36, 17.365, 10.106
Yxy	8.9215, 0.3744, 0.3158
Android (android.graphics.Color)	4285549136 (0xFF704A50)
YUV	86.0460, -2.9807, 22.7617
Hunter-Lab	29.8689, 10.9499, 3.5317

Details

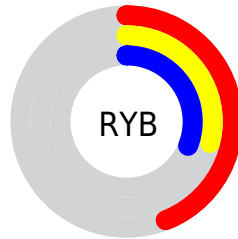
The YUV color **86.0460, -2.9807, 22.7617** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **99.9540, 2.9807, -22.7617**, and the grayscale version is **86.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **136.2420, -3.5703, 25.2208**, and **39.9640, -1.9543, 20.2026** is the 20% darker color. If you saturate the color by 10%, you get **78.5630, -3.7286, 29.3242**, and if you desaturate by 10%, it is **93.5290, -2.2328, 16.1991**.

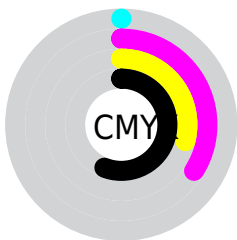
Distribution



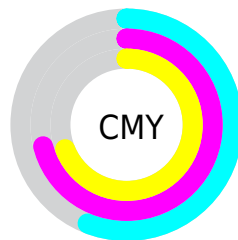
- Red (44%)
- Green (29%)
- Blue (31%)



- Red (44%)
- Yellow (29%)
- Blue (31%)



- Cyan (0%)
- Magenta (34%)
- Yellow (29%)
- Black (56%)



- Cyan (56%)
- Magenta (71%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the YUV color 86.0460, -2.9807, 22.7617 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 86.0460, -2.9807, 22.7617 by changing the saturation by 10% instead.

■ 86.0460, -2.9807,
22.7617

■ 86.0460, -2.9807,
22.7617

■ 255.0000, 0.0000,
0.0000

■ 62.4480, -2.6859,
21.5321

■ 136.2420, -3.5703,
25.2208

■ 39.9640, -1.9543,
20.2026

■ 162.5410, -3.7177,
25.8355

■ 17.6650, -1.8068,
19.5878

■ 189.8400, -3.8651,
26.4503

■ 0.0000, 0.0000,
0.0000

■ 217.4380, -4.1599,
27.6799

■ 239.5610, -0.7696,
13.5400

■ 86.0460, -2.9807,
22.7617

■ 86.0460, -2.9807,
22.7617

■ 78.5630, -3.7286,
29.3242

■ 93.5290, -2.2328,
16.1991

■ 70.9660, -4.9132,
35.9868

■ 101.1260, -1.0481,
9.5365

■ 62.8960, -5.3717,
43.0642

■ 109.1960, -0.5896,
2.4591

■ 55.2990, -6.5564,
49.7268

■ 116.7930, 0.5951,
-4.2035

■ 47.8160, -7.3043,
56.2894

■ 124.2760, 1.3429,
-10.7661

■ 40.2190, -8.4890,
62.9519

■ 131.8730, 2.5276,
-17.4286

■ 35.5400, -8.6472,
67.0554

■ 139.3560, 3.2755,
-23.9912

■ 147.4260, 3.7340,

-31.0686

■ 155.0230, 4.9187,
-37.7312

Harmonies

Analogous

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



86.4350, 3.7295, 17.1585



86.0460, -2.9807, 22.7617



85.1400, -8.9430, 21.8022

Triad

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



86.0460, -2.9807, 22.7617



81.5510, -9.1456, -6.6222



80.3420, 14.6214, -23.1019

Complementary

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



86.0460, -2.9807, 22.7617



99.9540, 2.9807, -22.7617

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.



77.3040, 12.1751, -31.8386



86.0460, -2.9807, 22.7617



79.1950, -2.5611, -18.5880

Square

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



86.0460, -2.9807, 22.7617



83.0040, -12.8200, 5.2585



77.6050, 5.6177, -28.5946



83.7890, 13.4150, -9.4620

Rectangle

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



86.0460, -2.9807, 22.7617



85.0210, -11.8424, 18.3986



77.6050, 5.6177, -28.5946



78.9070, 14.3428, -27.1054

Sweetspot

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



86.0460, -2.9807, 22.7617



135.4140, -1.1901, 8.4069



87.9000, 11.8813, 15.8737



67.8050, -0.8899, 5.4330



201.0000, 0.0000, 0.0000



74.0000, 0.0000, 0.0000

Same Dimension

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



86.0460, -2.9807, 22.7617



104.6670, -4.7658, 35.3720



92.9930, -9.3635, 16.6691



51.9080, -0.4476, 3.5887



38.0460, -9.3897, 71.8737



78.2990, -19.3744, 147.9508

Inverse Universe

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



86.0460, -2.9807, 22.7617



104.6670, -4.7658, 35.3720



93.0070, 9.3635, -16.6691



51.9080, -0.4476, 3.5887



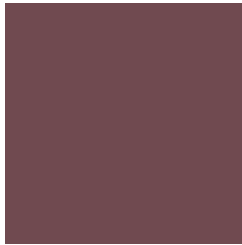
38.0460, -9.3897, 71.8737



78.2990, -19.3744, 147.9508

Previews

White Background



This preview shows how the YUV color 86.0460, -2.9807, 22.7617 looks on a white background.

Color Contrast Check

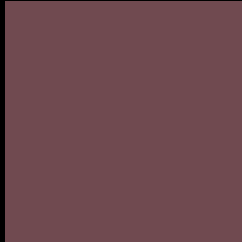
Large Text (above 18pt) WCAG AA ✓ Pass

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 86.0460, -2.9807, 22.7617 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 86.0460, -2.9807, 22.7617

Background



This preview shows how black text looks on a background with the YUV color 86.0460, -2.9807, 22.7617.



This preview shows how white text looks on a background with the YUV color 86.0460, -2.9807,

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

86.0460, -2.9807, 22.7617

Protanopia

84.8260, 0.5788, 1.0296

Deuteranopia

85.5450, -3.2267, 8.2920



Tritanopia

86.0460, -2.9807, 22.7617

Trichromacy



Original Color

86.0460, -2.9807, 22.7617

Protanomaly

84.9410, -0.4639, 8.8217

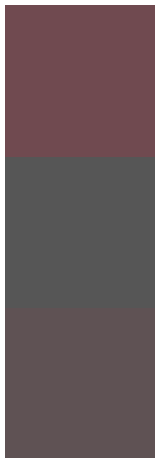
Deuteranomaly

85.5780, -3.2430, 13.5251

Tritanomaly

86.0460, -2.9807, 22.7617

Monochromacy



Original Color

86.0460, -2.9807, 22.7617

Achromatopsia

86.0000, 0.0000, 0.0000

Achromatomaly

86.1150, -1.0427, 7.7921

CSS Examples

Text

The CSS property to change the color of the text to YUV 86.0460, -2.9807, 22.7617 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(112, 74, 80)` looks like.

```
.text, #text, p{  
    color:rgb(112, 74, 80)  
}
```

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(112, 74, 80) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 74, 80) }
```

Border

The CSS property to change the border of an element to YUV 86.0460, -2.9807, 22.7617 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(112, 74, 80) }
```


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

```
.border{ border-color:rgb(112, 74, 80) }
```

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

Here you see how a box with a 4 pixel `rgb(112, 74, 80)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 74, 80); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 74, 80);  
box-shadow:4px 4px 4px 4px rgb(112, 74,  
80) }
```

Background

The CSS property to change the background color of an element to YUV 86.0460, -2.9807, 22.7617 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 74, 80) }
```

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

```
.background{ background-color: rgb(112, 74,  
80) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor