

Converting Colors

YUV(86.4160, -0.6981, 37.3462)

Have a look what the booklet for
YUV(86.4160, -0.6981, 37.3462)
contains.

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Color

**YUV(86.4160, -0.6981,
37.3462)**

Conversions

Conversions Part 1

Format	Color
Hex	814155
RGB	129, 65, 85
RGB Percent	51%, 25%, 33%
CMY	0.4941, 0.7451, 0.6667
CMYK	0.00, 0.50, 0.34, 0.49
HSL	341°, 33%, 38%
HSV	341°, 50%, 51%
XYZ	12.5833, 9.1036, 9.6883
YIQ	86.4160, 31.7240, 19.7880

Conversions

Conversions Part 2

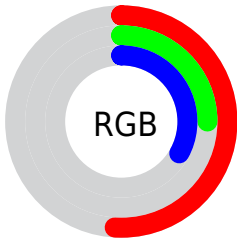
Format	Color
R_{YB}	129, 65, 85
Decimal	8470869
CIE Lab	36.18, 29.91, 0.68
CIE LCh	36, 29.914, 1.308
Yxy	9.1036, 0.4011, 0.2902
Android (android.graphics.Color)	4286660949 (0xFF814155)
YUV	86.4160, -0.6981, 37.3462
Hunter-Lab	30.1722, 21.6418, 2.0825

Details

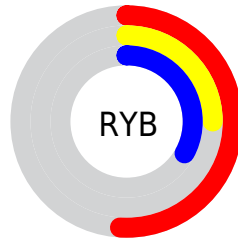
The YUV color **86.4160, -0.6981, 37.3462** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **107.5840, 0.6981, -37.3462**, and the grayscale version is **86.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **137.9110, -1.4351, 40.4201**, and **37.5620, 1.2019, 34.5871** is the 20% darker color. If you saturate the color by 10%, you get **77.7590, -0.8672, 44.9384**, and if you desaturate by 10%, it is **95.0730, -0.5290, 29.7540**.

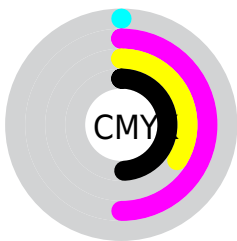
Distribution



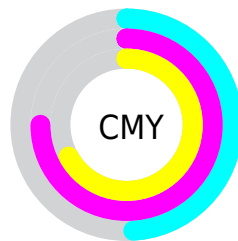
- Red (51%)
- Green (25%)
- Blue (33%)



- Red (51%)
- Yellow (25%)
- Blue (33%)



- Cyan (0%)
- Magenta (50%)
- Yellow (34%)
- Black (49%)



- Cyan (49%)
- Magenta (75%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the YUV color 86.4160, -0.6981, 37.3462 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 86.4160, -0.6981, 37.3462 by changing the saturation by 10% instead.

86.4160, -0.6981,
37.3462

86.4160, -0.6981,
37.3462

255.0000, 0.0000,
0.0000

61.9320, 0.0335,
36.0166

137.9110, -1.4351,
40.4201

37.5620, 1.2019,
34.5871

164.5090, -1.7299,
41.6496

17.8280, 1.0708,
29.9688

192.1070, -2.0248,
42.8792

8.1870, -3.5432,
16.4990

215.2200, -0.1085,
34.8871

0.0000, 0.0000,
0.0000

234.9620, 4.4557,
17.5733

253.2390, 0.8682,

1.5444

■ 86.4160, -0.6981,
37.3462

■ 86.4160, -0.6981,
37.3462

■ 77.7590, -0.8672,
44.9384

■ 95.0730, -0.5290,
29.7540

■ 69.1020, -1.0363,
52.5305

■ 103.7300, -0.3599,
22.1618

■ 60.4450, -1.2054,
60.1227

■ 112.3870, -0.1908,
14.5696

■ 51.9020, -0.9377,
67.6149

■ 120.9300, -0.4585,
7.0774

■ 43.8320, -1.3962,
74.6923

■ 129.5870, -0.2894,
-0.5148

■ 43.1310, -1.5436,
75.3071

■ 137.6570, 0.1691,
-7.5922

■ 146.3140, 0.3382,
-15.1844

■ 154.9710, 0.5073,
-22.7766

■ 163.6280, 0.6764,
-30.3688

Harmonies

Analogous

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



88.2000, 10.2544, 24.3806



86.4160, -0.6981, 37.3462



85.4410, -12.0494, 38.2012

Triad

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



86.4160, -0.6981, 37.3462



80.4450, -18.4604, -5.6523



69.6560, 28.2706, -61.0883

Complementary

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



86.4160, -0.6981, 37.3462



107.5840, 0.6981, -37.3462

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.



69.3650, 19.5401, -60.8331



86.4160, -0.6981, 37.3462



75.5760, -7.1860, -28.5692

Square

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



86.4160, -0.6981, 37.3462



82.7140, -23.0300, 13.4058



66.6290, 9.0569, -58.4336



79.6860, 26.2838, -30.4196

Rectangle

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



86.4160, -0.6981, 37.3462



84.8010, -18.1429, 32.6235



66.6290, 9.0569, -58.4336



69.6730, 25.7972, -61.1032

Sweetspot

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



86.4160, -0.6981, 37.3462



151.3870, -0.1908, 14.5696



85.4520, 21.4692, 20.6516



74.0550, -0.0271, 8.7218



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.



86.4160, -0.6981, 37.3462



100.8470, -0.9106, 58.8932



91.1800, -12.9067, 33.1681



59.3210, -0.1583, 4.1035



42.8320, -1.3962, 74.6923



0.0000, 0.0000, 0.0000

Inverse Universe

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



86.4160, -0.6981, 37.3462



100.8470, -0.9106, 58.8932



102.8200, 12.9067, -33.1681



59.3210, -0.1583, 4.1035



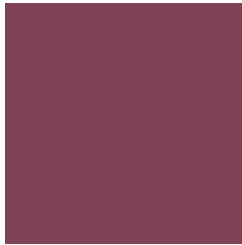
42.8320, -1.3962, 74.6923



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 86.4160, -0.6981, 37.3462 looks on a white background.

Color Contrast Check

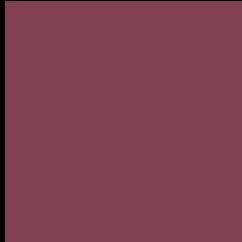
Large Text (above 18pt) WCAG AA ✓ Pass

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 86.4160, -0.6981, 37.3462 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 86.4160, -0.6981, 37.3462

Background



This preview shows how black text looks on a background with the YUV color 86.4160, -0.6981, 37.3462.



This preview shows how white text looks on a background with the YUV color 86.4160, -0.6981,

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

86.4160, -0.6981, 37.3462

Protanopia

86.0690, 5.3890, -1.8145

Deuteranopia

86.4740, -2.2057, 7.4773



Tritanopia

85.8090, -6.8078, 37.0015

Trichromacy



Original Color

86.4160, -0.6981, 37.3462

Protanomaly

86.2880, 3.3090, 12.0254

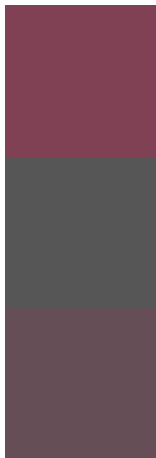
Deuteranomaly

86.0670, -1.5120, 18.3582

Tritanomaly

85.7920, -4.3345, 37.0164

Monochromacy



Original Color

86.4160, -0.6981, 37.3462

Achromatopsia

86.0000, 0.0000, 0.0000

Achromatomaly

86.0880, -0.0434, 13.9548

CSS Examples

Text

The CSS property to change the color of the text to YUV 86.4160, -0.6981, 37.3462 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(129, 65, 85)` looks like.

```
.text, #text, p{  
    color:rgb(129, 65, 85)  
}
```

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(129, 65, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 65, 85) }
```

Border

The CSS property to change the border of an element to YUV 86.4160, -0.6981, 37.3462 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(129, 65, 85) }
```


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

```
.border{ border-color:rgb(129, 65, 85) }
```

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

Here you see how a box with a 4 pixel rgb(129, 65, 85) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 65, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 65, 85);  
box-shadow:4px 4px 4px 4px rgb(129, 65,  
85) }
```

Background

The CSS property to change the background color of an element to YUV 86.4160, -0.6981, 37.3462 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 65, 85) }
```

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

```
.background{ background-color: rgb(129, 65,  
85) }
```

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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