

Converting Colors

YUV(87.7880, -8.2765, 41.4049)

Have a look what the booklet for
YUV(87.7880, -8.2765, 41.4049)
contains.

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Color

**YUV(87.7880, -8.2765,
41.4049)**

Conversions

Conversions Part 1

Format	Color
Hex	874347
RGB	135, 67, 71
RGB Percent	53%, 26%, 28%
CMY	0.4706, 0.7373, 0.7216
CMYK	0.00, 0.50, 0.47, 0.47
HSL	356°, 34%, 40%
HSV	356°, 50%, 53%
XYZ	13.1362, 9.6201, 7.1258
YIQ	87.7880, 39.2440, 15.6600

Conversions

Conversions Part 2

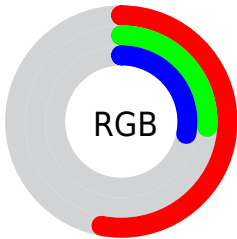
Format	Color
R_{YB}	135, 67, 71
Decimal	8864583
CIE _{Lab}	37.15, 29.41, 11.04
CIE _{LCh}	37, 31.414, 20.583
Yxy	9.6201, 0.4396, 0.3219
Android (android.graphics.Color)	4287054663 (0xFF874347)
YUV	87.7880, -8.2765, 41.4049
Hunter-Lab	31.0163, 21.3204, 8.0900

Details

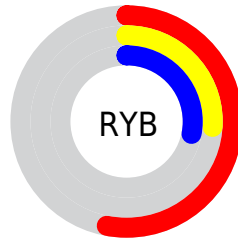
The YUV color **87.7880, -8.2765, 41.4049** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **114.2120, 8.2765, -41.4049**, and the grayscale version is **88.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **139.3540, -10.0345, 45.2935**, and **38.8630, -5.3555, 37.8311** is the 20% darker color. If you saturate the color by 10%, you get **78.6750, -10.1928, 49.3970**, and if you desaturate by 10%, it is **97.4880, -6.6496, 32.8980**.

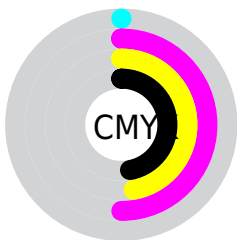
Distribution



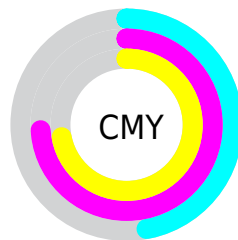
- Red (53%)
- Green (26%)
- Blue (28%)



- Red (53%)
- Yellow (26%)
- Blue (28%)



- Cyan (0%)
- Magenta (50%)
- Yellow (47%)
- Black (47%)



- Cyan (47%)
- Magenta (74%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the YUV color 87.7880, -8.2765, 41.4049 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 87.7880, -8.2765, 41.4049 by changing the saturation by 10% instead.

87.7880, -8.2765,
41.4049

87.7880, -8.2765,
41.4049

255.0000, 0.0000,
0.0000

63.1190, -6.9607,
39.3606

139.3540,
-10.0345, 45.2935

38.8630, -5.3555,
37.8311

166.2510,
-10.4767, 47.1379

17.1570, -7.9654,
34.9423

193.7350,
-11.2084, 48.4674

9.3830, -4.1328,
18.9581

214.5700, -7.6760,
35.4571

0.0000, 0.0000,
0.0000

234.7850, -3.8380,
17.7286

254.4130, 0.2894,

0.5148

■ 87.7880, -8.2765,
41.4049

■ 87.7880, -8.2765,
41.4049

■ 78.6750, -10.1928,
49.3970

■ 97.4880, -6.6496,
32.8980

■ 69.0890, -11.3829,
57.8039

■ 106.4870, -5.1701,
25.0059

■ 59.9760, -13.2992,
65.7960

■ 116.1870, -3.5432,
16.4990

■ 50.2760, -14.9261,
74.3029

■ 125.3000, -1.6269,
8.5069

■ 41.2770, -16.4056,
82.1951

■ 135.0000, 0.0000,
0.0000

■ 143.9990, 1.4795,
-7.8921

■ 153.6990, 3.1064,
-16.3990

■ 162.8120, 5.0227,
-24.3911

■ 172.3980, 6.2128,
-32.7980

Harmonies

Analogous

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



89.1430, 3.3805, 35.8316



87.7880, -8.2765, 41.4049



86.9970, -18.7325, 35.0826

Triad

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



87.7880, -8.2765, 41.4049



79.8390, -12.7386, -20.9068



73.2100, 31.4485, -53.6812

Complementary

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



87.7880, -8.2765, 41.4049



114.2120, 8.2765, -41.4049

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.



71.8900, 26.6762, -63.0475



87.7880, -8.2765, 41.4049



67.5920, 5.1311, -59.2782

Square

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



87.7880, -8.2765, 41.4049



83.1640, -22.2659, 1.6102



70.5560, 16.4879, -61.8776



87.4220, 23.4560, -10.0171

Rectangle

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



87.7880, -8.2765, 41.4049



86.0900, -23.2154, 26.2311



70.5560, 16.4879, -61.8776



71.1550, 31.4756, -62.4029

Sweetspot

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



87.7880, -8.2765, 41.4049



157.8880, -3.3958, 15.8842



93.5890, 20.4156, 31.9324



77.8980, -1.9217, 9.7365



217.0000, 0.0000, 0.0000



89.0000, 0.0000, 0.0000

Same Dimension

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



87.7880, -8.2765, 41.4049



102.4920, -12.5676, 64.4665



104.3550, -18.4160, 26.8757



61.7940, -0.8844, 3.6887



39.7820, -15.6685, 79.1212



0.8970, -0.4422, 1.8443

Inverse Universe

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



87.7880, -8.2765, 41.4049



102.4920, -12.5676, 64.4665



97.6450, 18.4160, -26.8757



61.7940, -0.8844, 3.6887



39.7820, -15.6685, 79.1212



0.8970, -0.4422, 1.8443

Previews

White Background



This preview shows how the YUV color 87.7880, -8.2765, 41.4049 looks on a white background.

Color Contrast Check

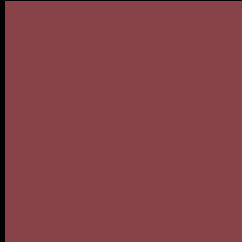
Large Text (above 18pt) WCAG AA ✓ Pass

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 87.7880, -8.2765, 41.4049 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

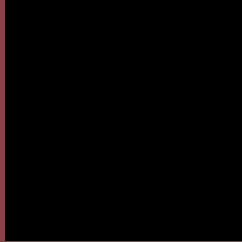
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 87.7880, -8.2765, 41.4049

Background



This preview shows how black text looks on a background with the YUV color 87.7880, -8.2765, 41.4049.



This preview shows how white text looks on a background with the YUV color 87.7880, -8.2765,

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

87.7880, -8.2765, 41.4049

Protanopia

88.0990, -3.4998, 2.5442

Deuteranopia

87.8570, -9.7895, 13.2804



Tritanopia

87.9020, -7.8397, 41.3049

Trichromacy



Original Color

87.7880, -8.2765, 41.4049

Protanomaly

87.7310, -5.2904, 16.8989

Deuteranomaly

88.0370, -9.3852, 23.6466

Tritanomaly

87.9020, -7.8397, 41.3049

Monochromacy



Original Color

87.7880, -8.2765, 41.4049

Achromatopsia

88.0000, 0.0000, 0.0000

Achromatomaly

87.7030, -2.8116, 15.1695

CSS Examples

Text

The CSS property to change the color of the text to YUV 87.7880, -8.2765, 41.4049 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(135, 67, 71)` looks like.

```
.text, #text, p{  
    color:rgb(135, 67, 71)  
}
```

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(135, 67, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 67, 71) }
```

Border

The CSS property to change the border of an element to YUV 87.7880, -8.2765, 41.4049 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(135, 67, 71) }
```


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

```
.border{ border-color:rgb(135, 67, 71) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 67, 71)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 67, 71); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 67, 71);  
box-shadow:4px 4px 4px 4px rgb(135, 67,  
71) }
```

Background

The CSS property to change the background color of an element to YUV 87.7880, -8.2765, 41.4049 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 67, 71) }
```

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

```
.background{ background-color: rgb(135, 67,  
71) }
```

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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