

Converting Colors

YUV(84.8200, 3.0467, 2.7889)

Have a look what the booklet for
YUV(84.8200, 3.0467, 2.7889)
contains.

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Color

**YUV(84.8200, 3.0467,
2.7889)**

Conversions

Conversions Part 1

Format	Color
Hex	58525B
RGB	88, 82, 91
RGB Percent	35%, 32%, 36%
CMY	0.6549, 0.6784, 0.6431
CMYK	0.03, 0.10, 0.00, 0.64
HSL	280°, 5%, 34%
HSV	280°, 10%, 36%
XYZ	8.9301, 8.8646, 11.1379
YIQ	84.8200, 0.6870, 4.0710

Conversions

Conversions Part 2

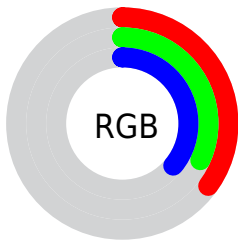
Format	Color
R_{YB}	88, 82, 91
Decimal	5788251
CIE Lab	35.72, 4.36, -4.36
CIE LCh	36, 6.169, 315.032
Yxy	8.8646, 0.3087, 0.3064
Android (android.graphics.Color)	4283978331 (0xFF58525B)
YUV	84.8200, 3.0467, 2.7889
Hunter-Lab	29.7735, 1.4348, -1.3382

Details


The YUV color **84.8200, 3.0467, 2.7889** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **88.1800, -3.0467, -2.7889**, and the grayscale version is **85.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **134.2330, 3.3361, 3.3037**, and **39.7060, 2.6099, 2.8888** is the 20% darker color. If you saturate the color by 10%, you get **78.6400, 6.0935, 5.5777**, and if you desaturate by 10%, it is **91.0000, 0.0000, 0.0000**.

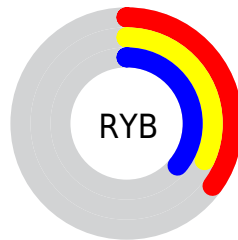
Distribution



 Red (35%)

 Green (32%)

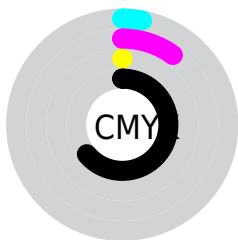
 Blue (36%)




 Red (35%)

 Yellow (32%)

 Blue (36%)

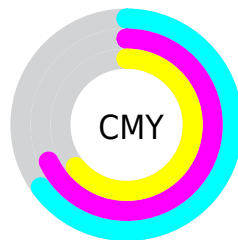



 Cyan (3%)

 Magenta (10%)

 Yellow (0%)

 Black (64%)



 Cyan (65%)

 Magenta (68%)

 Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the YUV color 84.8200, 3.0467, 2.7889 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 84.8200, 3.0467, 2.7889 by changing the saturation by 10% instead.

■ 84.8200, 3.0467,
2.7889

■ 84.8200, 3.0467,
2.7889

■ 255.0000, 0.0000,
0.0000

■ 61.8200, 3.0467,
2.7889

■ 134.2330, 3.3361,
3.3037

■ 39.7060, 2.6099,
2.8888

■ 160.2330, 3.3361,
3.3037

■ 19.4070, 2.7573,
2.2741

■ 187.3470, 3.7729,
3.2037

■ 0.0000, 0.0000,
0.0000

■ 215.3470, 3.7729,
3.2037

■ 243.6460, 3.6255,
3.8185

■ 84.8200, 3.0467,
2.7889

■ 84.8200, 3.0467,
2.7889

■ 78.6400, 6.0935,
5.5777

■ 91.0000, 0.0000,
0.0000

■ 72.4600, 9.1402,
8.3666

■ 97.1800, -3.0467,
-2.7889

■ 66.2800, 12.1870,
11.1554

■ 103.3600, -6.0935,
-5.5777

■ 60.1000, 15.2337,
13.9443

■ 109.5400, -9.1402,
-8.3666

■ 53.9200, 18.2804,
16.7332

■ 116.3070,
-12.4764, -11.6702

■ 47.1530, 21.6166,
20.0368

■ 122.4870,
-15.5231, -14.4591

■ 40.9730, 24.6633,
22.8257

■ 128.6670,
-18.5698, -17.2480

■ 34.7930, 27.7101,

■ 134.8470,

25.6145

-21.6166, -20.0368

■ 28.6130, 30.7568,
28.4034

■ 141.0270,
-24.6633, -22.8257

Harmonies

Analogous

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



84.4280, 4.2260, -2.1294



84.8200, 3.0467, 2.7889



85.2720, 0.8519, 6.7775

Triad

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



84.8200, 3.0467, 2.7889



84.4800, -4.6736, 5.7180



82.4010, 1.7743, -9.1217

Complementary

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



84.8200, 3.0467, 2.7889



88.1800, -3.0467, -2.7889

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.



82.7280, -0.8519, -6.7775



84.8200, 3.0467, 2.7889



83.2730, -4.0786, 1.5146

Square

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



84.8200, 3.0467, 2.7889



84.4310, -3.6635, 8.3920



83.1800, -3.0467, -2.7889



82.3840, 4.2477, -9.1068

Rectangle

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



84.8200, 3.0467, 2.7889



85.1150, -1.0427, 7.7921



83.1800, -3.0467, -2.7889



82.5860, 1.1901, -8.4069

Sweetspot

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



84.8200, 3.0467, 2.7889



114.9400, 1.0156, 0.9296



84.7870, 3.0630, -2.4442



56.9400, 1.0156, 0.9296



186.0000, 0.0000, 0.0000



59.0000, 0.0000, 0.0000

Same Dimension

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



84.8200, 3.0467, 2.7889



107.5860, 4.6411, 4.7481



85.6030, 2.1677, 4.7332



42.4670, 1.7418, 1.3444



34.3670, 37.2871, 33.8811



74.2600, 80.2308, 73.4400

Inverse Universe

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



85.0330, -0.0163, 5.2331



107.7560, 0.1203, 8.1070



87.3970, -2.1677, -4.7332



42.7230, 0.1366, 2.8739



37.1080, -0.0532, 63.9263



79.8690, -0.4284, 137.8039

Previews

White Background



This preview shows how the YUV color 84.8200, 3.0467, 2.7889 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 84.8200, 3.0467, 2.7889 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

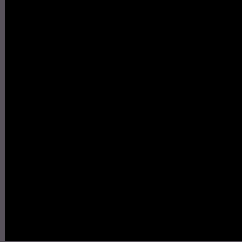
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 84.8200, 3.0467, 2.7889

Background



This preview shows how black text looks on a background with the YUV color 84.8200, 3.0467, 2.7889.



This preview shows how white text looks on a background with the YUV color 84.8200, 3.0467,

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

84.8200, 3.0467, 2.7889

Protanopia

84.0260, 3.9312, -0.8998

Deuteranopia

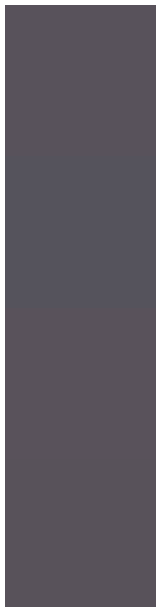
85.1190, 2.8993, 3.4036



Tritanopia

84.5920, 2.1731, 2.9888

Trichromacy



Original Color

84.8200, 3.0467, 2.7889

Protanomaly

84.6240, 3.6364, 0.3298

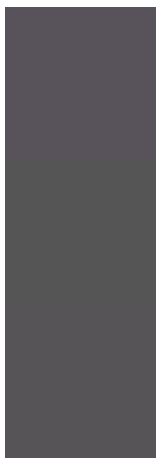
Deuteranomaly

85.1190, 2.8993, 3.4036

Tritanomaly

84.7060, 2.6099, 2.8888

Monochromacy



Original Color

84.8200, 3.0467, 2.7889

Achromatopsia

85.0000, 0.0000, 0.0000

Achromatomaly

84.9400, 1.0156, 0.9296

CSS Examples

Text

The CSS property to change the color of the text to YUV 84.8200, 3.0467, 2.7889 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(88, 82, 91)` looks like.

```
.text, #text, p{  
    color:rgb(88, 82, 91)  
}
```

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(88, 82, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(88, 82, 91) }
```

Border

The CSS property to change the border of an element to YUV 84.8200, 3.0467, 2.7889 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(88, 82, 91) }
```


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

```
.border{ border-color:rgb(88, 82, 91) }
```

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

Here you see how a box with a 4 pixel rgb(88, 82, 91) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(88, 82, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(88, 82, 91);  
box-shadow:4px 4px 4px 4px rgb(88, 82, 91)  
}
```

Background

The CSS property to change the background color of an element to YUV 84.8200, 3.0467, 2.7889 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(88, 82, 91) }
```

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

```
.background{ background-color: rgb(88, 82,  
91) }
```

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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