

Converting Colors

YUV(84.8560, 18.8050, 35.2063)

Have a look what the booklet for
YUV(84.8560, 18.8050, 35.2063)
contains.

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Color

**YUV(84.8560, 18.8050,
35.2063)**

Conversions

Conversions Part 1

Format	Color
Hex	7D397B
RGB	125, 57, 123
RGB Percent	49%, 22%, 48%
CMY	0.5098, 0.7765, 0.5176
CMYK	0.00, 0.54, 0.02, 0.51
HSL	302°, 37%, 36%
HSV	302°, 54%, 49%
XYZ	13.4957, 8.7163, 19.7100
YIQ	84.8560, 19.3420, 34.9420

Conversions

Conversions Part 2

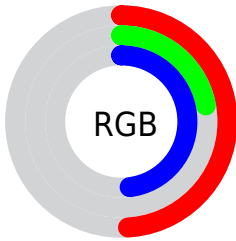
Format	Color
R_{YB}	125, 57, 123
Decimal	8206715
CIE _{Lab}	35.43, 39.16, -24.46
CIE _{LCh}	35, 46.171, 328.008
Yxy	8.7163, 0.3219, 0.2079
Android (android.graphics.Color)	4286396795 (0xFF7D397B)
YUV	84.8560, 18.8050, 35.2063
Hunter-Lab	29.5234, 29.9301, -18.9161

Details

The YUV color **84.8560, 18.8050, 35.2063** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **97.1440, -18.8050, -35.2063**, and the grayscale version is **85.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **136.3940, 19.5258, 37.3655**, and **32.3230, 20.5468, 36.5507** is the 20% darker color. If you saturate the color by 10%, you get **77.8120, 22.2777, 41.3839**, and if you desaturate by 10%, it is **92.4870, 15.0429, 28.5139**.

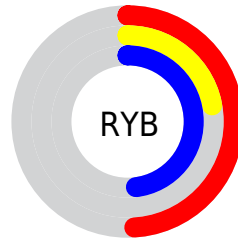
Distribution



Red (49%)

Green (22%)

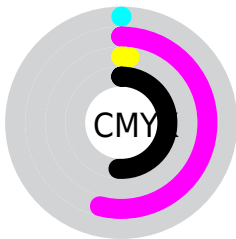
Blue (48%)



Red (49%)

Yellow (22%)

Blue (48%)

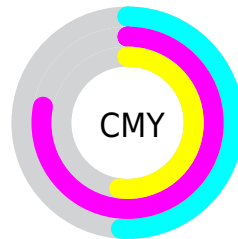


Cyan (0%)

Magenta (54%)

Yellow (2%)

Black (51%)



Cyan (51%)

Magenta (78%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the YUV color 84.8560, 18.8050, 35.2063 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 84.8560, 18.8050, 35.2063 by changing the saturation by 10% instead.

84.8560, 18.8050,
35.2063

84.8560, 18.8050,
35.2063

255.0000, 0.0000,
0.0000

59.5570, 18.9524,
34.5915

136.3940, 19.5258,
37.3655

32.3230, 20.5468,
36.5507

163.9920, 19.2309,
38.5950

20.4650, 15.0538,
25.0252

190.9320, 20.2465,
39.5246

10.8950, 9.4188,
12.3701

215.6710, 19.3892,
34.4915

0.0000, 0.0000,
0.0000

232.1070, 11.2862,
20.0772

249.1300, 2.8939,

5.1480

■ 84.8560, 18.8050,
35.2063

■ 84.8560, 18.8050,
35.2063

■ 77.8120, 22.2777,
41.3839

■ 92.4870, 15.0429,
28.5139

■ 70.0670, 25.6030,
48.1762

■ 99.6450, 12.0070,
22.2363

■ 63.0230, 29.0757,
54.3538

■ 107.2760, 8.2449,
15.5439

■ 55.3920, 32.8377,
61.0462

■ 114.3200, 4.7722,
9.3664

■ 51.1690, 34.4267,
64.7498

■ 122.0650, 1.4470,
2.5740

■ 129.1090, -2.0257,
-3.6036

■ 136.8540, -5.3510,
-10.3960

■ 143.8980, -8.8237,
-16.5735

■ 151.5290,
-12.5858, -23.2659

Harmonies

Analogous

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



84.0340, 32.0282, -6.1688



84.8560, 18.8050, 35.2063



79.9870, 3.4574, 57.8934

Triad

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



84.8560, 18.8050, 35.2063



78.3440, -38.6236, 21.6233



72.0380, 22.1663, -63.1773

Complementary

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



84.8560, 18.8050, 35.2063



97.1440, -18.8050, -35.2063

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.



67.8200, 6.0047, -59.4781



84.8560, 18.8050, 35.2063



74.0200, -34.0269, -6.1565

Square

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



84.8560, 18.8050, 35.2063



79.9630, -30.5478, 44.7594



61.7270, -9.7254, -54.1346



73.5830, 35.7016, -64.5323

Rectangle

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



84.8560, 18.8050, 35.2063



78.7350, -7.7574, 61.6224



61.7270, -9.7254, -54.1346



70.6700, 16.9247, -61.9776

Sweetspot

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



84.8560, 18.8050, 35.2063



147.6240, 7.0874, 13.4848



65.0510, 29.5549, -6.1837



72.4940, 4.1935, 8.3368



209.0000, 0.0000, 0.0000



82.0000, 0.0000, 0.0000

Same Dimension

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



84.8560, 18.8050, 35.2063



100.4360, 29.3651, 54.8686



81.0940, 4.3907, 38.5056



59.8910, 2.0257, 3.6036



52.4080, 35.2949, 66.2942



0.0000, 0.0000, 0.0000

Inverse Universe

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



84.8560, 18.8050, 35.2063



100.4360, 29.3651, 54.8686



100.9060, -4.3907, -38.5056



59.8910, 2.0257, 3.6036



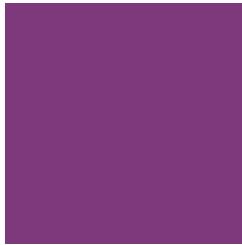
52.4080, 35.2949, 66.2942



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 84.8560, 18.8050, 35.2063 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



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 84.8560, 18.8050, 35.2063

Background



This preview shows how black text looks on a background with the YUV color 84.8560, 18.8050, 35.2063.



This preview shows how white text looks on a background with the YUV color 84.8560, 18.8050,

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

84.8560, 18.8050, 35.2063

Protanopia

81.4080, 31.3509, -22.2828

Deuteranopia

83.7010, 16.9094, -10.2618



Tritanopia

84.5200, -5.1864, 30.2390

Trichromacy



Original Color

84.8560, 18.8050, 35.2063

Protanomaly

82.6880, 26.7758, -1.4804

Deuteranomaly

84.3270, 17.5868, 5.8522

Tritanomaly

84.8220, 3.5388, 31.7281

Monochromacy



Original Color

84.8560, 18.8050, 35.2063

Achromatopsia

85.0000, 0.0000, 0.0000

Achromatomaly

85.2110, 6.7980, 12.9700

CSS Examples

Text

The CSS property to change the color of the text to YUV 84.8560, 18.8050, 35.2063 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(125, 57, 123)` looks like.

```
.text, #text, p{  
    color:rgb(125, 57, 123)  
}
```

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(125, 57, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 57, 123) }
```

Border

The CSS property to change the border of an element to YUV 84.8560, 18.8050, 35.2063 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(125, 57, 123) }
```


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

```
.border{ border-color:rgb(125, 57, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 57, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 57, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 57, 123);  
box-shadow:4px 4px 4px 4px rgb(125, 57,  
123) }
```

Background

The CSS property to change the background color of an element to YUV 84.8560, 18.8050, 35.2063 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 57, 123) }
```

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

```
.background{ background-color: rgb(125, 57,  
123) }
```

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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