

Converting Colors

YUV(67.4080, 8.1799, 36.4762)

Have a look what the booklet for
YUV(67.4080, 8.1799, 36.4762)
contains.

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Color

**YUV(67.4080, 8.1799,
36.4762)**

Conversions

Conversions Part 1	
Format	Color
Hex	6D2B54
RGB	109, 43, 84
RGB Percent	43%, 17%, 33%
CMY	0.5725, 0.8314, 0.6706
CMYK	0.00, 0.61, 0.23, 0.57
HSL	323°, 43%, 30%
HSV	323°, 61%, 43%
XYZ	8.7708, 5.6191, 9.0098
YIQ	67.4080, 26.1750, 26.7430

Conversions

Conversions Part 2

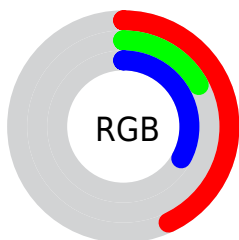
Format	Color
RYB	109, 43, 84
Decimal	7154516
CIELab	28.43, 34.44, -10.55
CIELCh	28, 36.015, 342.968
Yxy	5.6191, 0.3748, 0.2401
Android (android.graphics.Color)	4285344596 (0xFF6D2B54)
YUV	67.4080, 8.1799, 36.4762
Hunter-Lab	23.7046, 24.5628, -5.9422

Details

The YUV color $[67.4080, 8.1799, 36.4762]$ is a dark color, and the websafe version is hex 663366 . A complement of this color would be $[84.5920, -8.1799, -36.4762]$, and the grayscale version is $[67.0000, 0.0000, 0.0000]$.

A 20% lighter version of the original color is $[118.0170, 7.8796, 39.4501]$, and $[21.7880, 8.4855, 31.7579]$ is the 20% darker color. If you saturate the color by 10%, you get $[60.4950, 9.6160, 42.5389]$, and if you desaturate by 10%, it is $[74.3210, 6.7437, 30.4135]$.

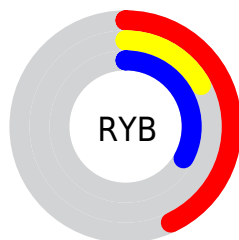
Distribution



Red (43%)

Green (17%)

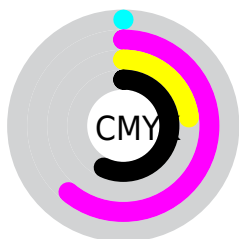
Blue (33%)



Red (43%)

Yellow (17%)

Blue (33%)

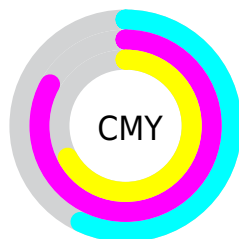


Cyan (0%)

Magenta (61%)

Yellow (23%)

Black (57%)



Cyan (57%)

Magenta (83%)


Yellow (67%)

Brightness & Saturation


Gradients

These gradients show how the YUV color 67.4080, 8.1799, 36.4762 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 67.4080, 8.1799, 36.4762 by changing the saturation by 10% instead.

 67.4080, 8.1799,
36.4762


 67.4080, 8.1799,
36.4762


 255.0000, 0.0000,
0.0000


 42.3370, 9.2009,
35.6615


 118.0170, 7.8796,
39.4501

 21.7880, 8.4855,
31.7579


 144.3160, 7.7322,
40.0649

 13.4140, 2.2609,
21.5619

 171.3270, 7.7268,
41.8092

 0.0000, 0.0000,
0.0000

 198.9250, 7.4320,
43.0388

 220.7600, 10.9643,
30.0285

 238.5640, 8.1029,

14.4144

67.4080, 8.1799,
36.4762

67.4080, 8.1799,
36.4762

60.4950, 9.6160,
42.5389

74.3210, 6.7437,
30.4135

53.5820, 11.0521,
48.6016

81.2340, 5.3076,
24.3508

46.6690, 12.4882,
54.6643

88.1470, 3.8715,
18.2881

40.3430, 13.6349,
60.2122

95.1740, 2.8722,
12.1254

102.0870, 1.4361,
6.0627

108.4130, 0.2894,
0.5148

■ 115.3260, -1.1467,
-5.5479

■ 122.2390, -2.5828,
-11.6106

■ 129.1520, -4.0189,
-17.6733

Harmonies

Analogous

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



69.1260, 19.1649, 13.0445



67.4080, 8.1799, 36.4762



64.8470, -4.3616, 45.7382

Triad

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



67.4080, 8.1799, 36.4762



62.0030, -28.1025, 7.0134



58.2290, 22.5651, -51.0668

Complementary

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



67.4080, 8.1799, 36.4762



84.5920, -8.1799, -36.4762

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.



55.9660, 11.3558, -49.0822



67.4080, 8.1799, 36.4762



58.5960, -17.5488, -18.0627

Square

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



67.4080, 8.1799, 36.4762



64.3520, -27.2885, 26.0013



52.0730, -1.0220, -45.6680



57.7050, 30.7114, -50.6073

Rectangle

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



67.4080, 8.1799, 36.4762



64.8330, -13.2287, 43.1195



52.0730, -1.0220, -45.6680



58.0180, 19.2181, -50.8818

Sweetspot

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



67.4080, 8.1799, 36.4762



126.5980, 3.1562, 14.3846



57.7000, 25.2909, 8.1561



61.5110, 1.7201, 8.3219



199.0000, 0.0000, 0.0000



71.0000, 0.0000, 0.0000

Same Dimension

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



67.4080, 8.1799, 36.4762



77.3920, 12.6247, 57.5382



63.7600, -5.7977, 39.6755



50.2500, 0.8628, 3.2887



43.3050, 14.6396, 64.6305



90.5830, 30.2786, 135.4237

Inverse Universe

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



67.4080, 8.1799, 36.4762



77.3920, 12.6247, 57.5382



88.2400, 5.7977, -39.6755



50.2500, 0.8628, 3.2887



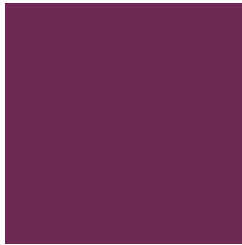
43.3050, 14.6396, 64.6305



90.5830, 30.2786, 135.4237

Previews

White Background



This preview shows how the YUV color 67.4080, 8.1799, 36.4762 looks on a white background.

Color Contrast Check

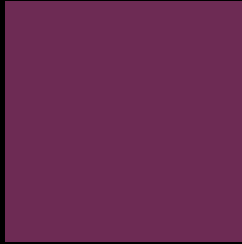
Large Text (above 18pt) WCAG AA ✓ Pass

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 67.4080, 8.1799, 36.4762 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

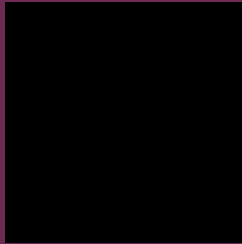
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 67.4080, 8.1799, 36.4762

Background



This preview shows how black text looks on a background with the YUV color 67.4080, 8.1799, 36.4762.



This preview shows how white text looks on a background with the YUV color 67.4080, 8.1799,

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

67.4080, 8.1799, 36.4762

Protanopia

67.7010, 16.9094, -10.2618

Deuteranopia

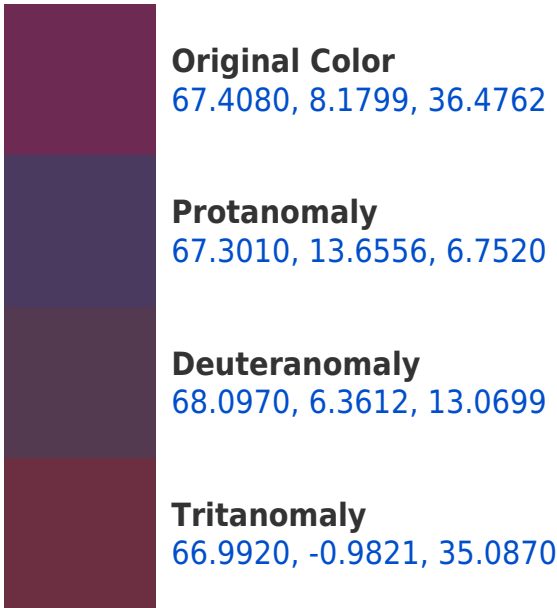
68.1940, 5.8204, -0.1701



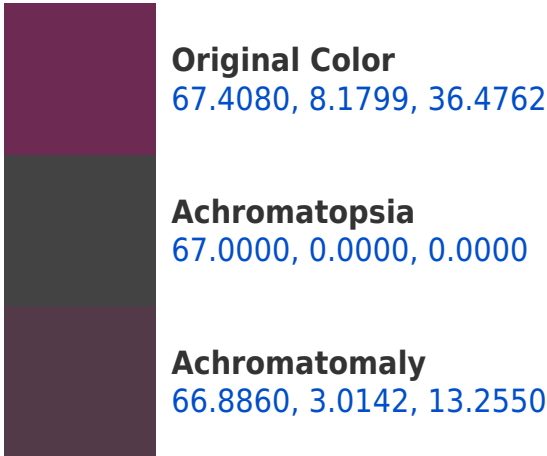
Tritanopia

67.2000, -6.5076, 34.0276

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to YUV 67.4080, 8.1799, 36.4762 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(109, 43, 84)` looks like.

```
.text, #text, p{  
    color:rgb(109, 43, 84)  
}
```

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(109, 43, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 43, 84) }
```

Border

The CSS property to change the border of an element to YUV 67.4080, 8.1799, 36.4762 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(109, 43, 84) }
```


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

```
.border{ border-color:rgb(109, 43, 84) }
```

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

Here you see how a box with a 4 pixel rgb(109, 43, 84) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 43, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 43, 84);  
box-shadow:4px 4px 4px 4px rgb(109, 43,  
84) }
```

Background

The CSS property to change the background color of an element to YUV 67.4080, 8.1799, 36.4762 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 43, 84) }
```

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

```
.background{ background-color: rgb(109, 43,  
84) }
```

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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