

Converting Colors

YUV(84.8480, 27.6829, 34.3363)

Have a look what the booklet for
YUV(84.8480, 27.6829, 34.3363)
contains.

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Color

**YUV(84.8480, 27.6829,
34.3363)**

Conversions

Conversions Part 1

Format	Color
Hex	7C368D
RGB	124, 54, 141
RGB Percent	49%, 21%, 55%
CMY	0.5137, 0.7882, 0.4471
CMYK	0.12, 0.62, 0.00, 0.45
HSL	288°, 45%, 38%
HSV	288°, 62%, 55%
XYZ	14.4391, 8.8465, 26.1458
YIQ	84.8480, 13.7930, 41.8970

Conversions

Conversions Part 2

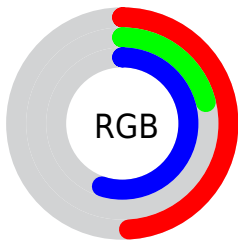
Format	Color
RYB	124, 54, 141
Decimal	8140429
CIELab	35.69, 44.00, -35.20
CIELCh	36, 56.346, 321.344
Yxy	8.8465, 0.2921, 0.1790
Android (android.graphics.Color)	4286330509 (0xFF7C368D)
YUV	84.8480, 27.6829, 34.3363
Hunter-Lab	29.7431, 34.6042, -31.2991

Details

The YUV color **84.8480, 27.6829, 34.3363** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **110.1520, -27.6829, -34.3363**, and the grayscale version is **85.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **137.3860, 28.4037, 36.4955**, and **31.7880, 28.6985, 35.2659** is the 20% darker color. If you saturate the color by 10%, you get **75.7330, 32.1766, 39.6992**, and if you desaturate by 10%, it is **93.9630, 23.1892, 28.9734**.

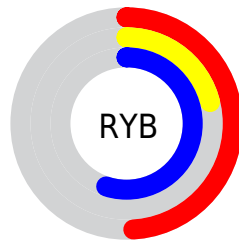
Distribution



Red (49%)

Green (21%)

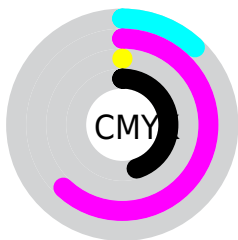
Blue (55%)



Red (49%)

Yellow (21%)

Blue (55%)

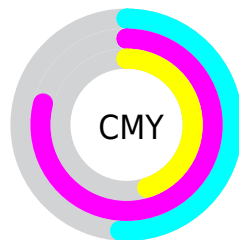


Cyan (12%)

Magenta (62%)

Yellow (0%)

Black (45%)



Cyan (51%)

Magenta (79%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the YUV color 84.8480, 27.6829, 34.3363 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 84.8480, 27.6829, 34.3363 by changing the saturation by 10% instead.

84.8480, 27.6829,
34.3363

84.8480, 27.6829,
34.3363

255.0000, 0.0000,
0.0000

58.8480, 27.6829,
34.3363

137.3860, 28.4037,
36.4955

31.7880, 28.6985,
35.2659

164.2120, 28.9825,
37.5251

21.5770, 21.9005,
22.2960

192.0380, 29.5613,
38.5547

11.8930, 15.8288,
9.7408

214.4970, 19.9680,
35.5211

3.0950, 9.3202,
-2.7143

230.9330, 11.8650,
21.1068

0.0000, 0.0000,
0.0000

247.9560, 3.4727,

6.1776

■ 84.8480, 27.6829,
34.3363

■ 84.8480, 27.6829,
34.3363

■ 75.7330, 32.1766,
39.6992

■ 93.9630, 23.1892,
28.9734

■ 66.6180, 36.6703,
45.0620

■ 103.0780, 18.6955,
23.6106

■ 57.8020, 41.0166,
51.0396

■ 111.8940, 14.3493,
17.6330

■ 49.8610, 44.9315,
55.3729

■ 121.0090, 9.8556,
12.2701

■ 130.7110, 5.0725,
6.3925

■ 139.8260, 0.5788,
1.0296

■ 148.6420, -3.7675,
-4.9480

■ 157.7570, -8.2612,
-10.3109

■ 166.8720,
-12.7549, -15.6737

Harmonies

Analogous

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



78.5070, 44.6130, -29.3856



84.8480, 27.6829, 34.3363



74.9530, 11.8552, 71.0782

Triad

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



84.8480, 27.6829, 34.3363



79.2850, -39.0875, 30.4451



73.6850, 20.8613, -64.6217

Complementary

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



84.8480, 27.6829, 34.3363



110.1520, -27.6829, -34.3363

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.



68.3270, 0.3318, -59.9228



84.8480, 27.6829, 34.3363



74.9450, -36.9479, -2.5828

Square

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



84.8480, 27.6829, 34.3363



76.8400, -33.9381, 58.8993



60.3930, -19.9137, -52.9647



76.8430, 38.0384, -67.3913

Rectangle

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



84.8480, 27.6829, 34.3363



71.5660, -1.2650, 79.3106



60.3930, -19.9137, -52.9647



71.8610, 13.8725, -63.0221

Sweetspot

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



84.8480, 27.6829, 34.3363



161.3620, 11.1605, 13.7145



73.8970, 33.0818, -17.4497



78.4770, 6.6668, 8.3517



219.0000, 0.0000, 0.0000



92.0000, 0.0000, 0.0000

Same Dimension

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



84.8480, 27.6829, 34.3363



96.0950, 43.3372, 53.4137



86.9670, 13.8203, 47.3869



66.5920, 2.1731, 2.9888



47.9810, 42.9004, 53.5137



2.7060, 2.6099, 2.8888

Inverse Universe

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



81.9510, -5.3988, 51.7860



91.6280, -8.6906, 81.0102



108.0330, -13.8203, -47.3869



66.3210, -0.1583, 4.1035



43.3290, -8.5432, 80.3955



2.5060, -0.7425, 4.8182

Previews

White Background



This preview shows how the YUV color 84.8480, 27.6829, 34.3363 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 84.8480, 27.6829, 34.3363 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

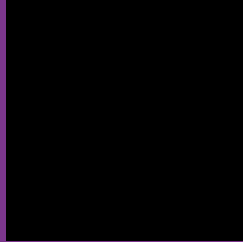
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 84.8480, 27.6829, 34.3363

Background



This preview shows how black text looks on a background with the YUV color 84.8480, 27.6829, 34.3363.



This preview shows how white text looks on a background with the YUV color 84.8480, 27.6829,

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

84.8480, 27.6829, 34.3363

Protanopia

75.6580, 45.5246, -41.7961

Deuteranopia

81.7300, 26.2621, -23.4422



Tritanopia

85.5410, -3.7177, 25.8355

Trichromacy



Original Color

84.8480, 27.6829, 34.3363

Protanomaly

79.1130, 38.8913, -14.1311

Deuteranomaly

82.9760, 26.6338, -2.6100

Tritanomaly

84.9510, 7.9122, 28.9840

Monochromacy



Original Color

84.8480, 27.6829, 34.3363

Achromatopsia

85.0000, 0.0000, 0.0000

Achromatomaly

85.0090, 9.8556, 12.2701

CSS Examples

Text

The CSS property to change the color of the text to YUV 84.8480, 27.6829, 34.3363 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(124, 54, 141)` looks like.

```
.text, #text, p{  
    color:rgb(124, 54, 141)  
}
```

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(124, 54, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 54, 141) }
```

Border

The CSS property to change the border of an element to YUV 84.8480, 27.6829, 34.3363 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(124, 54, 141) }
```


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

```
.border{ border-color:rgb(124, 54, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 54, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 54, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 54, 141);  
box-shadow:4px 4px 4px 4px rgb(124, 54,  
141) }
```

Background

The CSS property to change the background color of an element to YUV 84.8480, 27.6829, 34.3363 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 54, 141) }
```

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

```
.background{ background-color: rgb(124, 54,  
141) }
```

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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