

Converting Colors

YUV(84.9800, 50.7889, -3.4905)

Have a look what the booklet for
YUV(84.9800, 50.7889, -3.4905)
contains.

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Color

**YUV(84.9800, 50.7889,
-3.4905)**

Conversions

Conversions Part 1

Format	Color
Hex	5143BC
RGB	81, 67, 188
RGB Percent	32%, 26%, 74%
CMY	0.6824, 0.7373, 0.2627
CMYK	0.57, 0.64, 0.00, 0.26
HSL	247°, 47%, 50%
HSV	247°, 64%, 74%
XYZ	14.4776, 9.3945, 48.6272
YIQ	84.9800, -30.4970, 40.5990

Conversions

Conversions Part 2

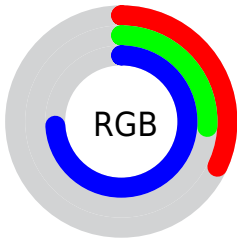
Format	Color
R_{YB}	81, 67, 188
Decimal	5325756
CIE _{Lab}	36.73, 39.73, -61.96
CIE _{LCh}	37, 73.601, 302.671
Yxy	9.3945, 0.1997, 0.1296
Android (android.graphics.Color)	4283515836 (0xFF5143BC)
YUV	84.9800, 50.7889, -3.4905
Hunter-Lab	30.6504, 30.6755, -72.6089

Details

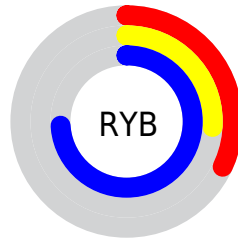
The YUV color **84.9800, 50.7889, -3.4905** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **170.0200, -50.7889, 3.4905**, and the grayscale version is **85.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **137.8820, 52.8092, 1.8575**, and **28.1900, 52.1643, -24.7226** is the 20% darker color. If you saturate the color by 10%, you get **68.7440, 58.7932, -4.1605**, and if you desaturate by 10%, it is **101.2160, 42.7845, -2.8204**.

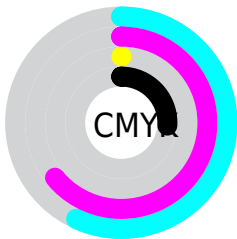
Distribution



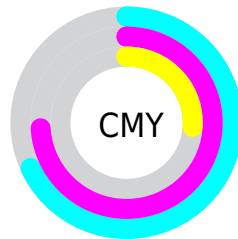
- Red (32%)
- Green (26%)
- Blue (74%)



- Red (32%)
- Yellow (26%)
- Blue (74%)



- Cyan (57%)
- Magenta (64%)
- Yellow (0%)
- Black (26%)



- Cyan (68%)
- Magenta (74%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the YUV color 84.9800, 50.7889, -3.4905 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 84.9800, 50.7889, -3.4905 by changing the saturation by 10% instead.

■ 84.9800, 50.7889,
-3.4905

■ 84.9800, 50.7889,
-3.4905

■ 255.0000, 0.0000,
0.0000

■ 58.7190, 49.9315,
-8.5236

■ 137.8820, 52.8092,
1.8575

■ 28.1900, 52.1643,
-24.7226

■ 162.9550, 45.3782,
5.3015

■ 13.3720, 46.1586,
-11.7272

■ 187.4750, 33.2898,
9.2304

■ 9.3480, 35.8174,
-8.1982

■ 212.2940, 21.0541,
13.7742

■ 10.1340, 23.5979,
-8.8875

■ 236.8030, 8.9711,
15.9588

■ 5.2780, 15.1459,
-4.6288

■ 253.8260, 0.5788,

■ 1.2540, 4.8048,

1.0296

-1.0998

■ 0.0000, 0.0000,
0.0000

■ 84.9800, 50.7889,
-3.4905

■ 84.9800, 50.7889,
-3.4905

■ 68.7440, 58.7932,
-4.1605

■ 101.2160, 42.7845,
-2.8204

■ 52.8070, 66.6501,
-4.2157

■ 117.1530, 34.9276,
-2.7652

■ 37.1580, 74.3651,
-5.4006

■ 132.8020, 27.2126,
-1.5804

■ 28.0100, 78.8751,
-5.2708

■ 148.7390, 19.3557,
-1.5251

■ 164.9750, 11.3513,
-0.8551

■ 181.2110, 3.3470,
-0.1850

■ 197.1480, -4.5100,
-0.1298

■ 212.7970,
-12.2249, 1.0550

■ 229.0330,
-20.2293, 1.7251

Harmonies

Analogous

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



78.7760, 63.2144, -69.0866



84.9800, 50.7889, -3.4905



68.1260, 36.4199, 78.8195

Triad

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



84.9800, 50.7889, -3.4905



79.4720, -39.1797, 60.0991



74.2430, 7.7682, -65.1111

Complementary

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



84.9800, 50.7889, -3.4905



170.0200, -50.7889, 3.4905

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.



65.6590, -20.0449, -57.5829



84.9800, 50.7889, -3.4905



80.9800, -39.9231, 18.4345

Square

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



84.9800, 50.7889, -3.4905



56.1860, -14.8817, 106.8309



69.4640, -34.2458, -29.3479



81.6700, 33.6867, -71.6246

Rectangle

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



84.9800, 50.7889, -3.4905



65.6760, 18.8937, 100.2621



69.4640, -34.2458, -29.3479



71.8490, -1.4046, -63.0116

Sweetspot

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



84.9800, 50.7889, -3.4905



205.1520, 19.6451, -1.0103



144.7770, 21.3089, -68.2104



98.3880, 11.6407, -0.3403



250.0000, 0.0000, 0.0000



122.0000, 0.0000, 0.0000

Same Dimension

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



84.9800, 50.7889, -3.4905



84.1240, 79.3119, -5.3707



102.6210, 42.0918, 32.7814



86.3250, 3.7838, -0.2850



23.3940, 66.3608, -4.7305



4.7300, 12.9511, -0.6402

Inverse Universe

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



115.3770, 28.9011, 63.6904



131.5490, 45.0853, 99.4965



152.3790, -42.0918, -32.7814



88.6030, 2.1677, 4.7332



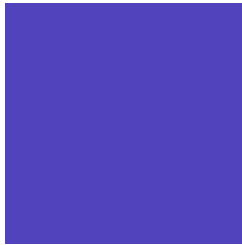
63.2020, 37.8614, 83.1378



12.3470, 7.2239, 16.3587

Previews

White Background



This preview shows how the YUV color 84.9800, 50.7889, -3.4905 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 84.9800, 50.7889, -3.4905 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

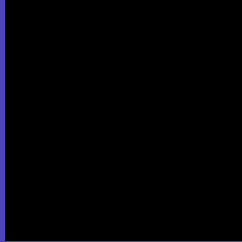
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 84.9800, 50.7889, -3.4905

Background



This preview shows how black text looks on a background with the YUV color 84.9800, 50.7889, -3.4905.



This preview shows how white text looks on a background with the YUV color 84.9800, 50.7889, -3.4905.

-3.4905.

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

84.9800, 50.7889, -3.4905

Protanopia

68.7850, 52.8570, -60.3244

Deuteranopia

68.9840, 40.9269, -60.4990



Tritanopia

80.1580, 10.2751, -29.0796

Trichromacy



Original Color

84.9800, 50.7889, -3.4905

Protanomaly

74.3900, 52.0657, -39.8070

Deuteranomaly

74.4410, 44.6456, -39.8518

Tritanomaly

82.1110, 25.0883, -20.2683

Monochromacy



Original Color

84.9800, 50.7889, -3.4905

Achromatopsia

85.0000, 0.0000, 0.0000

Achromatomaly

84.8100, 18.3347, -0.7104

CSS Examples

Text

The CSS property to change the color of the text to YUV 84.9800, 50.7889, -3.4905 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(81, 67, 188)` looks like.

```
.text, #text, p{  
    color:rgb(81, 67, 188)  
}
```

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(81, 67, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(81, 67, 188) }
```

Border

The CSS property to change the border of an element to YUV 84.9800, 50.7889, -3.4905 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(81, 67, 188) }
```


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

```
.border{ border-color:rgb(81, 67, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(81, 67, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(81, 67, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(81, 67, 188);  
box-shadow:4px 4px 4px 4px rgb(81, 67,  
188) }
```

Background

The CSS property to change the background color of an element to YUV 84.9800, 50.7889, -3.4905 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(81, 67, 188) }
```

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

```
.background{ background-color: rgb(81, 67,  
188) }
```

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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