

Converting Colors

YUV(89.5580, 48.0389, 85.4566)

Have a look what the booklet for
YUV(89.5580, 48.0389, 85.4566)
contains.

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Color

**YUV(89.5580, 48.0389,
85.4566)**

Conversions

Conversions Part 1

Format	Color
Hex	BB15BB
RGB	187, 21, 187
RGB Percent	73%, 8%, 73%
CMY	0.2667, 0.9176, 0.2667
CMYK	0.00, 0.89, 0.00, 0.27
HSL	300°, 80%, 41%
HSV	300°, 89%, 73%
XYZ	29.7313, 14.6890, 48.2820
YIQ	89.5580, 45.6500, 86.8180

Conversions

Conversions Part 2

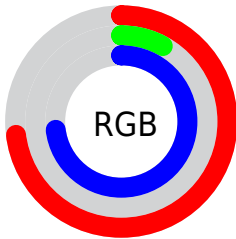
Format	Color
R _Y B	187, 21, 187
Decimal	12260795
CIE Lab	45.21, 75.60, -46.99
CIE LCh	45, 89.009, 328.138
Yxy	14.6890, 0.3207, 0.1585
Android (android.graphics.Color)	4290450875 (0xFFBB15BB)
YUV	89.5580, 48.0389, 85.4566
Hunter-Lab	38.3262, 71.3994, -47.8630

Details

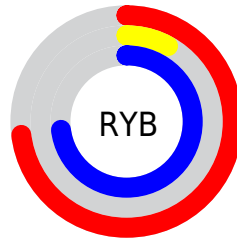
The YUV color **89.5580, 48.0389, 85.4566** is a dark color, and the websafe version is hex **CC33CC**. A complement of this color would be **118.4420, -48.0389, -85.4566**, and the grayscale version is **89.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **156.8470, 42.9664, 79.0642**, and **53.7330, 39.0786, 66.0092** is the 20% darker color. If you saturate the color by 10%, you get **78.4050, 53.5373, 95.2378**, and if you desaturate by 10%, it is **100.7110, 42.5405, 75.6755**.

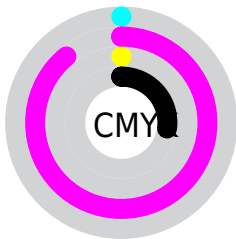
Distribution



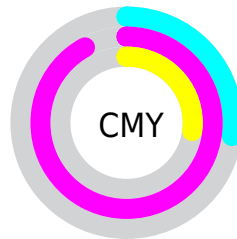
- Red (73%)
- Green (8%)
- Blue (73%)



- Red (73%)
- Yellow (8%)
- Blue (73%)



- Cyan (0%)
- Magenta (89%)
- Yellow (0%)
- Black (27%)





- Cyan (27%)
- Magenta (92%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the YUV color 89.5580, 48.0389, 85.4566 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 89.5580, 48.0389, 85.4566 by changing the saturation by 10% instead.


 89.5580, 48.0389,
85.4566


 89.5580, 48.0389,
85.4566


255.0000, 0.0000,
0.0000


 65.4820, 46.5974,
81.1383


 156.8470, 42.9664,
79.0642


 53.7330, 39.0786,
66.0092


 178.1030, 37.9102,
67.4387


 42.3970, 31.8493,
51.3948


 195.1260, 29.5179,
52.5095

 31.1750, 25.0567,
36.6805

 212.1490, 21.1255,
37.5803

 20.3660, 18.5536,
22.4810

 229.7590, 12.4438,
22.1364

 5.1860, 14.6983,
-1.0401

 247.3690, 3.7621,

 1.1400, 4.3680,

6.6924

-0.9998

■ 0.0000, 0.0000,
0.0000

■ 89.5580, 48.0389,
85.4566

■ 89.5580, 48.0389,
85.4566

■ 78.4050, 53.5373,
95.2378

■ 100.7110, 42.5405,
75.6755

■ 77.2310, 54.1161,
96.2674

■ 111.2770, 37.3314,
66.4091

■ 122.4300, 31.8330,
56.6279

■ 133.5830, 26.3346,
46.8467

■ 144.7360, 20.8362,
37.0655

■ 155.3020, 15.6271,
27.7991

■ 166.4550, 10.1287,
18.0180

■ 177.6080, 4.6303,
8.2368

■ 188.1740, -0.5788,
-1.0296

Harmonies

Analogous

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



99.7500, 69.6363, -28.7218



89.5580, 48.0389, 85.4566



80.9830, 16.7704, 128.0569

Triad

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



89.5580, 48.0389, 85.4566



100.8260, -49.7072, 29.9706



99.8960, 37.5193, -87.6088

Complementary

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



89.5580, 48.0389, 85.4566



118.4420, -48.0389, -85.4566

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.



90.6450, 4.6120, -79.4957



89.5580, 48.0389, 85.4566



89.2550, -44.0027, -26.5336

Square

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



89.5580, 48.0389, 85.4566



95.5520, -47.1071, 82.8309



77.5810, -35.2894, -68.0385



104.8610, 64.1585, -91.9631

Rectangle

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



89.5580, 48.0389, 85.4566



76.1090, -4.4907, 134.0854



77.5810, -35.2894, -68.0385



97.1600, 27.0361, -85.2093

Sweetspot

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



89.5580, 48.0389, 85.4566



203.8450, 18.8104, 33.4619



39.9240, 72.5085, -16.5963



99.1070, 11.2862, 20.0772



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.



89.5580, 48.0389, 85.4566



99.9460, 70.0326, 124.5814



80.0960, 11.7847, 93.7548



88.7170, 2.6045, 4.6332



65.2540, 45.7238, 81.3382



12.8030, 8.9711, 15.9588

Inverse Universe

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



89.5580, 48.0389, 85.4566



99.9460, 70.0326, 124.5814



127.9040, -11.7847, -93.7548



88.7170, 2.6045, 4.6332



65.2540, 45.7238, 81.3382



12.8030, 8.9711, 15.9588

Previews

White Background



This preview shows how the YUV color 89.5580, 48.0389, 85.4566 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 × Fail

Black Background



This preview shows how the YUV color 89.5580, 48.0389, 85.4566 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

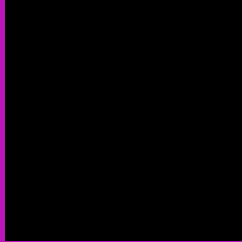
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 89.5580, 48.0389, 85.4566

Background



This preview shows how black text looks on a background with the YUV color 89.5580, 48.0389, 85.4566.



This preview shows how white text looks on a background with the YUV color 89.5580, 48.0389,

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

89.5580, 48.0389, 85.4566

Protanopia

86.2420, 66.4357, -75.6342

Deuteranopia

104.0800, 35.4566, -32.5192



Tritanopia

105.4700, -12.5567, 60.9778

Trichromacy



Original Color

89.5580, 48.0389, 85.4566



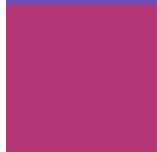
Protanomaly

87.5960, 59.8522, -17.1857



Deuteranomaly

98.9080, 39.9784, 10.6047



Tritanomaly

99.3720, 9.6766, 69.8338

Monochromacy



Original Color

89.5580, 48.0389, 85.4566



Achromatopsia

90.0000, 0.0000, 0.0000



Achromatomaly

89.7800, 17.3635, 30.8879

CSS Examples

Text

The CSS property to change the color of the text to YUV 89.5580, 48.0389, 85.4566 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(187, 21, 187)` looks like.

```
.text, #text, p{  
    color:rgb(187, 21, 187)  
}
```

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(187, 21, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 21, 187) }
```

Border

The CSS property to change the border of an element to YUV 89.5580, 48.0389, 85.4566 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(187, 21, 187) }
```


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

```
.border{ border-color:rgb(187, 21, 187) }
```

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

Here you see how a box with a 4 pixel rgb(187, 21, 187) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 21, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 21, 187);  
box-shadow:4px 4px 4px 4px rgb(187, 21,  
187) }
```

Background

The CSS property to change the background color of an element to YUV 89.5580, 48.0389, 85.4566 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 21, 187) }
```

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

```
.background{ background-color: rgb(187, 21,  
187) }
```

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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