

Converting Colors

YUV(85.4700, 51.5333, 84.6568)

Have a look what the booklet for
YUV(85.4700, 51.5333, 84.6568)
contains.

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Color

**YUV(85.4700, 51.5333,
84.6568)**

Conversions

Conversions Part 1

Format	Color
Hex	B610BE
RGB	182, 16, 190
RGB Percent	71%, 6%, 75%
CMY	0.2863, 0.9373, 0.2549
CMYK	0.04, 0.92, 0.00, 0.25
HSL	297°, 84%, 40%
HSV	297°, 92%, 75%
XYZ	28.7710, 14.0334, 49.9075
YIQ	85.4700, 43.0820, 89.3060

Conversions

Conversions Part 2

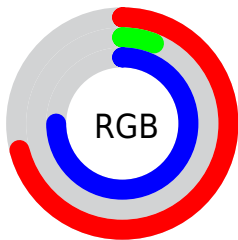
Format	Color
R_{YB}	182, 16, 190
Decimal	11931838
CIE _{Lab}	44.28, 75.89, -50.27
CIE _{LCh}	44, 91.029, 326.477
Yxy	14.0334, 0.3103, 0.1514
Android (android.graphics.Color)	4290121918 (0xFFB610BE)
YUV	85.4700, 51.5333, 84.6568
Hunter-Lab	37.4611, 71.5348, -52.7662

Details

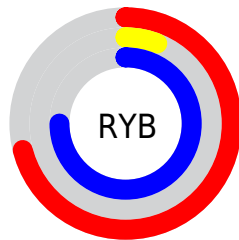
The YUV color **85.4700, 51.5333, 84.6568** is a dark color, and the websafe version is hex **CC33CC**. A complement of this color would be **120.5300, -51.5333, -84.6568**, and the grayscale version is **85.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **154.5200, 45.5926, 76.7200**, and **52.5800, 41.1261, 62.6353** is the 20% darker color. If you saturate the color by 10%, you get **75.7790, 56.3110, 92.2788**, and if you desaturate by 10%, it is **96.9220, 45.8875, 75.4904**.

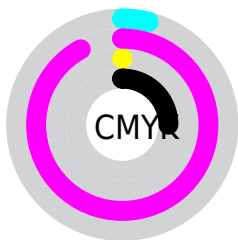
Distribution



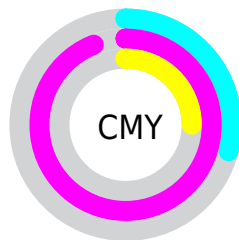
- Red (71%)
- Green (6%)
- Blue (75%)



- Red (71%)
- Yellow (6%)
- Blue (75%)



- Cyan (4%)
- Magenta (92%)
- Yellow (0%)
- Black (25%)





- Cyan (29%)
- Magenta (94%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the YUV color 85.4700, 51.5333, 84.6568 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 85.4700, 51.5333, 84.6568 by changing the saturation by 10% instead.


 85.4700, 51.5333,
84.6568


 85.4700, 51.5333,
84.6568


255.0000, 0.0000,
0.0000


 64.2150, 48.2080,
77.8644


 154.5200, 45.5926,
76.7200


 52.5800, 41.1261,
62.6353


 176.3420, 38.7784,
68.9831

 41.2440, 33.8967,
48.0210


 193.9520, 30.0967,
53.5391

 30.0220, 27.1042,
33.3067

 210.9750, 21.7043,
38.6099

 18.9140, 20.7484,
18.4924

 228.5850, 13.0226,
23.1660

 4.2180, 16.1615,
-3.6992

 245.6080, 4.6303,

 2.1830, 5.8258,

8.2368

-1.9145

■ 0.0000, 0.0000,
0.0000

■ 85.4700, 51.5333,
84.6568

■ 85.4700, 51.5333,
84.6568

■ 75.7790, 56.3110,
92.2788

■ 96.9220, 45.8875,
75.4904

■ 108.3740, 40.2416,
66.3240

■ 119.8260, 34.5958,
57.1576

■ 130.9790, 29.0974,
47.3764

■ 142.4310, 23.4515,
38.2100

■ 153.8830, 17.8057,
29.0436

■ 165.3350, 12.1598,
19.8772

■ 176.7870, 6.5140,
10.7108

■ 188.2390, 0.8682,
1.5444

Harmonies

Analogous

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



91.3070, 74.7846, -46.7502



85.4700, 51.5333, 84.6568



80.9120, 17.7914, 127.2422

Triad

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



85.4700, 51.5333, 84.6568



98.7770, -48.6971, 32.6446



98.1520, 35.9141, -86.0793

Complementary

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



85.4700, 51.5333, 84.6568



120.5300, -51.5333, -84.6568

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.



88.6730, 2.1332, -77.7662



85.4700, 51.5333, 84.6568



87.4940, -43.1345, -24.9892

Square

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



85.4700, 51.5333, 84.6568



91.7420, -45.2288, 87.0493



75.7230, -37.3314, -66.4091



103.4590, 63.8637, -90.7335

Rectangle

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



85.4700, 51.5333, 84.6568



76.2230, -4.0539, 133.9854



75.7230, -37.3314, -66.4091



95.3020, 24.9941, -83.5799

Sweetspot

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



85.4700, 51.5333, 84.6568



207.3610, 19.5420, 32.1324



41.1190, 73.3983, -22.0294



100.9220, 11.8705, 19.3624



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

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



85.4700, 51.5333, 84.6568



98.7220, 73.1011, 120.3928



78.9700, 16.2838, 97.3733



88.7170, 2.6045, 4.6332



63.1610, 46.7556, 77.0348



12.2050, 9.2659, 14.7292

Inverse Universe

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



68.9380, -22.1544, 106.1714



75.1070, -31.6048, 150.7502



127.0300, -16.2838, -97.3733



87.6910, -1.3267, 5.5330



48.0400, -20.2327, 96.4349



9.3830, -4.1328, 18.9581

Previews

White Background



This preview shows how the YUV color 85.4700, 51.5333, 84.6568 looks on a white background.

Color Contrast Check

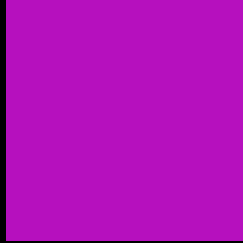
Large Text (above 18pt) WCAG AA ✓ Pass

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 85.4700, 51.5333, 84.6568 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

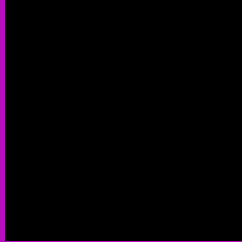
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 85.4700, 51.5333, 84.6568

Background



This preview shows how black text looks on a background with the YUV color 85.4700, 51.5333, 84.6568.



This preview shows how white text looks on a background with the YUV color 85.4700, 51.5333,

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

85.4700, 51.5333, 84.6568

Protanopia

84.4980, 64.8305, -74.1047

Deuteranopia

99.6600, 39.1146, -39.1668



Tritanopia

104.3770, -11.5249, 56.6744

Trichromacy



Original Color

85.4700, 51.5333, 84.6568



Protanomaly

85.0090, 60.1416, -16.6709



Deuteranomaly

94.4990, 43.6310, 5.7014



Tritanomaly

97.5180, 11.5766, 67.0747

Monochromacy



Original Color

85.4700, 51.5333, 84.6568



Achromatopsia

85.0000, 0.0000, 0.0000



Achromatomaly

85.1220, 18.6739, 30.5880

CSS Examples

Text

The CSS property to change the color of the text to YUV 85.4700, 51.5333, 84.6568 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(182, 16, 190)` looks like.

```
.text, #text, p{  
    color:rgb(182, 16, 190)  
}
```

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(182, 16, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 16, 190) }
```

Border

The CSS property to change the border of an element to YUV 85.4700, 51.5333, 84.6568 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(182, 16, 190) }
```


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

```
.border{ border-color:rgb(182, 16, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 16, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 16, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 16, 190);  
box-shadow:4px 4px 4px 4px rgb(182, 16,  
190) }
```

Background

The CSS property to change the background color of an element to YUV 85.4700, 51.5333, 84.6568 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 16, 190) }
```

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

```
.background{ background-color: rgb(182, 16,  
190) }
```

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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