

Converting Colors

YUV(88.8320, 59.2428, 85.2163)

Have a look what the booklet for
YUV(88.8320, 59.2428, 85.2163)
contains.

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Color

**YUV(88.8320, 59.2428,
85.2163)**

Conversions

Conversions Part 1

Format	Color
Hex	BA10D1
RGB	186, 16, 209
RGB Percent	73%, 6%, 82%
CMY	0.2706, 0.9373, 0.1804
CMYK	0.11, 0.92, 0.00, 0.18
HSL	293°, 86%, 44%
HSV	293°, 92%, 82%
XYZ	31.9436, 15.4131, 61.6130
YIQ	88.8320, 39.3670, 96.0630

Conversions

Conversions Part 2

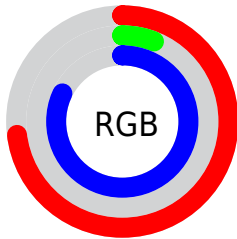
Format	Color
R_{YB}	186, 16, 209
Decimal	12194001
CIE _{Lab}	46.19, 79.55, -58.19
CIE _{LCh}	46, 98.562, 323.814
Yxy	15.4131, 0.2931, 0.1414
Android (android.graphics.Color)	4290384081 (0xFFBA10D1)
YUV	88.8320, 59.2428, 85.2163
Hunter-Lab	39.2596, 76.5326, -65.5666

Details

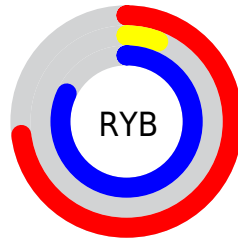
The YUV color **88.8320, 59.2428, 85.2163** is a dark color, and the websafe version is hex **CC00CC**. The color can be described as middle washed purple. A complement of this color would be **136.1680, -59.2428, -85.2163**, and the grayscale version is **88.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **157.8020, 47.9186, 77.3496**, and **55.4150, 48.1094, 62.7800** is the 20% darker color. If you saturate the color by 10%, you get **78.8420, 64.1679, 92.2236**, and if you desaturate by 10%, it is **101.7570, 52.8708, 75.6351**.

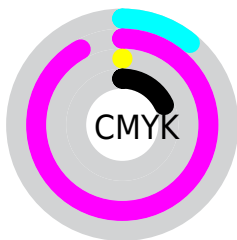
Distribution



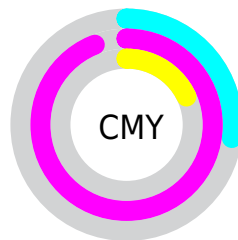
- Red (73%)
- Green (6%)
- Blue (82%)



- Red (73%)
- Yellow (6%)
- Blue (82%)



- Cyan (11%)
- Magenta (92%)
- Yellow (0%)
- Black (18%)





- Cyan (27%)
- Magenta (94%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the YUV color 88.8320, 59.2428, 85.2163 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 88.8320, 59.2428, 85.2163 by changing the saturation by 10% instead.


 88.8320, 59.2428,
85.2163


 88.8320, 59.2428,
85.2163


255.0000, 0.0000,
0.0000


 67.5770, 55.9175,
78.4240


 157.8020, 47.9186,
77.3496

 55.4150, 48.1094,
62.7800


 178.1030, 37.9102,
67.4387


 44.0790, 40.8801,
48.1657


 195.1260, 29.5179,
52.5095

 32.4440, 33.7981,
32.9366

 212.7360, 20.8362,
37.0655

 21.2220, 27.0056,
18.2223

 229.7590, 12.4438,
22.1364

 5.9280, 22.7135,
-5.1989

 247.3690, 3.7621,

 4.5940, 12.5252,

6.6924

-4.0289

■ 0.0000, 0.0000,
0.0000

■ 88.8320, 59.2428,
85.2163

■ 88.8320, 59.2428,
85.2163

■ 78.8420, 64.1679,
92.2236

■ 101.7570, 52.8708,
75.6351

■ 114.9810, 46.3514,
66.6687

■ 127.9060, 39.9793,
57.0874

■ 141.1300, 33.4599,
48.1210

■ 153.4680, 27.3773,
39.0546

■ 166.6920, 20.8578,
30.0881

■ 179.6170, 14.4858,
20.5069

■ 192.8410, 7.9664,
11.5404

■ 205.7660, 1.5944,
1.9592

Harmonies

Analogous

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



85.4220, 83.6020, -74.9151



88.8320, 59.2428, 85.2163



86.2810, 21.5535, 133.9346

Triad

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



88.8320, 59.2428, 85.2163



103.5390, -51.0447, 38.9923



102.7170, 35.6355, -90.0828

Complementary

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



88.8320, 59.2428, 85.2163



136.1680, -59.2428, -85.2163

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.



91.7390, -1.3503, -80.4551



88.8320, 59.2428, 85.2163



92.8210, -45.7608, -22.6450

Square

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



88.8320, 59.2428, 85.2163



91.5310, -45.1248, 100.3893



79.2450, -39.0678, -69.4979



109.5230, 66.7902, -96.0517

Rectangle

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



88.8320, 59.2428, 85.2163



82.0330, -2.4813, 142.9221



79.2450, -39.0678, -69.4979



98.9380, 23.6946, -86.7686

Sweetspot

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



88.8320, 59.2428, 85.2163



210.6320, 21.8734, 31.0177



53.2640, 76.7778, -32.6805



100.3780, 13.6176, 18.9625



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



88.8320, 59.2428, 85.2163



96.3450, 78.2169, 112.8304



87.6150, 24.8398, 106.4546



97.9450, 3.4781, 4.4332



63.4040, 51.5658, 74.1907



15.4380, 12.6021, 18.0329

Inverse Universe

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



76.3290, -18.4032, 116.3525



79.6650, -24.4848, 153.7688



137.3850, -24.8398, -106.4546



97.4030, -1.1847, 6.6626



52.5120, -16.0284, 101.2830



12.8290, -3.8597, 24.7060

Previews

White Background



This preview shows how the YUV color 88.8320, 59.2428, 85.2163 looks on a white background.

Color Contrast Check

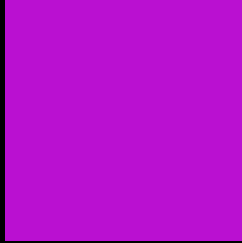
Large Text (above 18pt) WCAG AA ✓ Pass

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 88.8320, 59.2428, 85.2163 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

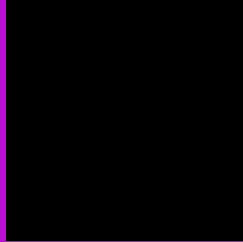
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 88.8320, 59.2428, 85.2163

Background



This preview shows how black text looks on a background with the YUV color 88.8320, 59.2428, 85.2163.



This preview shows how white text looks on a background with the YUV color 88.8320, 59.2428,

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

88.8320, 59.2428, 85.2163

Protanopia

88.4590, 67.3147, -77.5785

Deuteranopia

97.1720, 49.2152, -58.9098



Tritanopia

109.9960, -10.3510, 53.5005

Trichromacy



Original Color

88.8320, 59.2428, 85.2163



Protanomaly

88.7360, 64.2202, -18.1855



Deuteranomaly

94.1260, 52.6889, -6.2495



Tritanomaly

102.4190, 15.0764, 64.5305

Monochromacy



Original Color

88.8320, 59.2428, 85.2163



Achromatopsia

89.0000, 0.0000, 0.0000



Achromatomaly

88.6320, 21.8734, 31.0177

CSS Examples

Text

The CSS property to change the color of the text to YUV 88.8320, 59.2428, 85.2163 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(186, 16, 209)` looks like.

```
.text, #text, p{  
    color:rgb(186, 16, 209)  
}
```

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(186, 16, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 16, 209) }
```

Border

The CSS property to change the border of an element to YUV 88.8320, 59.2428, 85.2163 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(186, 16, 209) }
```


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

```
.border{ border-color:rgb(186, 16, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 16, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(186, 16, 209); -webkit-box-shadow:4px 4px 4px 4px rgb(186, 16, 209); box-shadow:4px 4px 4px 4px rgb(186, 16, 209) }
```

Background

The CSS property to change the background color of an element to YUV 88.8320, 59.2428, 85.2163 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 16, 209) }
```

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

```
.background{ background-color: rgb(186, 16,  
209) }
```

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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