

Converting Colors

YUV(88.5050, 82.0820, 86.3801)

Have a look what the booklet for
YUV(88.5050, 82.0820, 86.3801)
contains.

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Color

**YUV(88.5050, 82.0820,
86.3801)**

Conversions

Conversions Part 1

Format	Color
Hex	BB06FF
RGB	187, 6, 255
RGB Percent	73%, 2%, 100%
CMY	0.2667, 0.9765, 0.0000
CMYK	0.27, 0.98, 0.00, 0.00
HSL	284°, 100%, 51%
HSV	284°, 98%, 100%
XYZ	38.6086, 17.9150, 96.0308
YIQ	88.5050, 27.9470, 115.8110

Conversions

Conversions Part 2

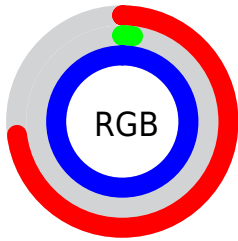
Format	Color
R_{YB}	187, 6, 255
Decimal	12257023
CIE _{Lab}	49.39, 88.43, -79.05
CIE _{LCh}	49, 118.616, 318.205
Yxy	17.9150, 0.2531, 0.1174
Android (android.graphics.Color)	4290447103 (0xFFBB06FF)
YUV	88.5050, 82.0820, 86.3801
Hunter-Lab	42.3262, 88.7515, -104.8905

Details

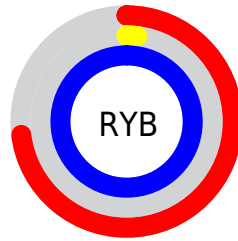
The YUV color **88.5050, 82.0820, 86.3801** is a dark color, and the websafe version is hex **CC00FF**. The color can be described as middle saturated purple. A complement of this color would be **172.4950, -82.0820, -86.3801**, and the grayscale version is **88.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **158.6990, 47.4764, 79.1940**, and **60.1320, 67.4759, 57.7662** is the 20% darker color. If you saturate the color by 10%, you get **84.3850, 84.1132, 88.2394**, and if you desaturate by 10%, it is **105.8600, 73.5260, 77.2988**.

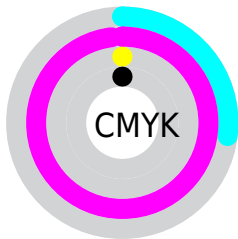
Distribution



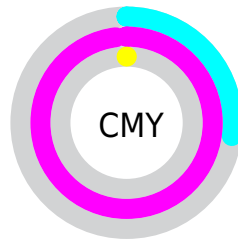
- Red (73%)
- Green (2%)
- Blue (100%)



- Red (73%)
- Yellow (2%)
- Blue (100%)



- Cyan (27%)
- Magenta (98%)
- Yellow (0%)
- Black (0%)





- Cyan (27%)
- Magenta (98%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the YUV color 88.5050, 82.0820, 86.3801 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 88.5050, 82.0820, 86.3801 by changing the saturation by 10% instead.


 88.5050, 82.0820,
86.3801


 88.5050, 82.0820,
86.3801


255.0000, 0.0000,
0.0000


 72.4080, 75.7209,
73.3102


 158.6990, 47.4764,
79.1940


 60.1320, 67.4759,
57.7662


 178.6900, 37.6208,
66.9239


 47.6710, 59.8152,
41.5075


 196.3000, 28.9391,
51.4799

 34.9110, 52.3019,
24.6341

 213.9100, 20.2574,
36.0359

 21.4820, 46.1044,
5.7163

 231.5200, 11.5756,
20.5920

 10.1460, 38.8750,
-8.8980

 249.7170, 2.6045,

 11.4050, 25.9293,

4.6332

-10.0022

■ 6.4350, 17.0405,
-5.6435

■ 2.7530, 8.0098,
-2.4144

■ 88.5050, 82.0820,
86.3801

■ 88.5050, 82.0820,
86.3801

■ 84.3850, 84.1132,
88.2394

■ 105.8600, 73.5260,
77.2988

■ 122.6280, 65.2594,
68.7322

■ 139.9830, 56.7034,
59.6509

■ 156.7510, 48.4368,
51.0844

174.1060, 39.8807,
42.0030

190.8740, 31.6141,
33.4365

208.2290, 23.0581,
24.3552

224.9970, 14.7915,
15.7886

242.3520, 6.2355,
6.7073

Harmonies

Analogous

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



94.8140, 78.9717, -83.1519



88.5050, 82.0820, 86.3801



94.7130, 33.1725, 140.5717

Triad

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



88.5050, 82.0820, 86.3801



110.4380, -54.4459, 56.6209



110.2170, 33.9100, -96.6603

Complementary

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



88.5050, 82.0820, 86.3801



172.4950, -82.0820, -86.3801

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.



96.2580, -11.9592, -84.4183



88.5050, 82.0820, 86.3801



101.7140, -50.1450, -16.4122

Square

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



88.5050, 82.0820, 86.3801



72.0590, -35.5251, 148.1613



85.1150, -41.9617, -74.6459



118.8810, 67.1067, -104.2586

Rectangle

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



88.5050, 82.0820, 86.3801



87.1890, 4.3438, 147.1702



85.1150, -41.9617, -74.6459



105.6400, 18.9115, -92.6463

Sweetspot

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



88.5050, 82.0820, 86.3801



205.5820, 24.3631, 25.7996



76.0630, 88.2159, -61.4453



97.6980, 14.9389, 15.1739



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.



88.5050, 82.0820, 86.3801



84.3850, 84.1132, 88.2394



102.6810, 48.4713, 133.5838



119.1730, 4.3517, 4.2333



63.3350, 62.9388, 66.3582



21.0500, 21.1744, 21.8811

Inverse Universe

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



88.2030, -7.0021, 146.2810



84.2250, -7.0129, 149.7697



158.3190, -48.4713, -133.5838



119.2290, -0.6059, 7.6922



63.0370, -5.4412, 112.2236



21.0740, -2.0085, 37.6461

Previews

White Background



This preview shows how the YUV color 88.5050, 82.0820, 86.3801 looks on a white background.

Color Contrast Check

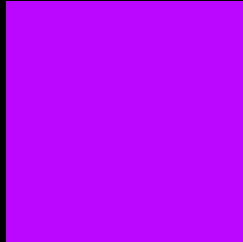
Large Text (above 18pt) WCAG AA ✓ Pass

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 88.5050, 82.0820, 86.3801 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

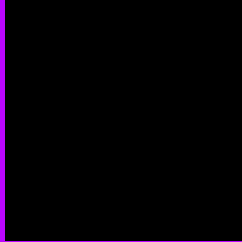
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 88.5050, 82.0820, 86.3801

Background



This preview shows how black text looks on a background with the YUV color 88.5050, 82.0820, 86.3801.



This preview shows how white text looks on a background with the YUV color 88.5050, 82.0820,

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

88.5050, 82.0820, 86.3801

Protanopia

94.3920, 72.2777, -82.7818

Deuteranopia

94.8530, 56.2745, -83.1861



Tritanopia

119.6350, -6.2291, 38.0311

Trichromacy



Original Color

88.5050, 82.0820, 86.3801



Protanomaly

92.4010, 75.7243, -21.3997



Deuteranomaly

92.4690, 65.8308, -21.4593



Tritanomaly

108.5240, 25.8707, 55.6685

Monochromacy



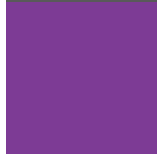
Original Color

88.5050, 82.0820, 86.3801



Achromatopsia

89.0000, 0.0000, 0.0000



Achromatomaly

88.9940, 29.5830, 31.5773

CSS Examples

Text

The CSS property to change the color of the text to YUV 88.5050, 82.0820, 86.3801 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, 6, 255)` looks like.

```
.text, #text, p{  
    color:rgb(187, 6, 255)  
}
```

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, 6, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 6, 255) }
```

Border

The CSS property to change the border of an element to YUV 88.5050, 82.0820, 86.3801 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, 6, 255) }
```


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

```
.border{ border-color:rgb(187, 6, 255) }
```

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

Here you see how a box with a 4 pixel rgb(187, 6, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 6, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 6, 255);  
box-shadow:4px 4px 4px 4px rgb(187, 6,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 88.5050, 82.0820, 86.3801 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 6, 255) }
```

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

```
.background{ background-color: rgb(187, 6,  
255) }
```

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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