

Converting Colors

YUV(86.8350, 47.9023, 82.5827)

Have a look what the booklet for
YUV(86.8350, 47.9023, 82.5827)
contains.

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Color

**YUV(86.8350, 47.9023,
82.5827)**

Conversions

Conversions Part 1

Format	Color
Hex	B514B8
RGB	181, 20, 184
RGB Percent	71%, 8%, 72%
CMY	0.2902, 0.9216, 0.2784
CMYK	0.02, 0.89, 0.00, 0.28
HSL	299°, 80%, 40%
HSV	299°, 89%, 72%
XYZ	27.9579, 13.7848, 46.5346
YIQ	86.8350, 43.3120, 85.1360

Conversions

Conversions Part 2

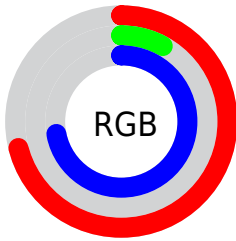
Format	Color
R_{YB}	181, 20, 184
Decimal	11867320
CIE _{Lab}	43.92, 74.24, -47.33
CIE _{LCh}	44, 88.045, 327.478
Yxy	13.7848, 0.3167, 0.1562
Android (android.graphics.Color)	4290057400 (0xFFB514B8)
YUV	86.8350, 47.9023, 82.5827
Hunter-Lab	37.1278, 69.4401, -48.3223

Details

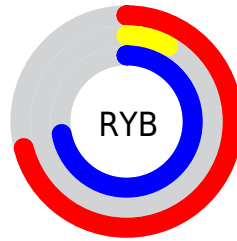
The YUV color **86.8350, 47.9023, 82.5827** is a dark color, and the websafe version is hex **CC33CC**. A complement of this color would be **117.1650, -47.9023, -82.5827**, and the grayscale version is **86.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **154.1240, 42.8299, 76.1903**, and **51.5970, 38.6527, 62.6204** is the 20% darker color. If you saturate the color by 10%, you get **76.2690, 53.1114, 91.8491**, and if you desaturate by 10%, it is **97.4010, 42.6933, 73.3163**.

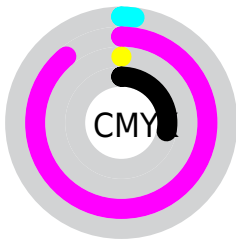
Distribution



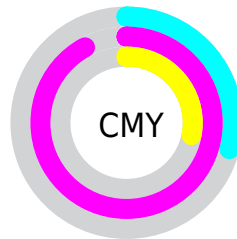
- Red (71%)
- Green (8%)
- Blue (72%)



- Red (71%)
- Yellow (8%)
- Blue (72%)



- Cyan (2%)
- Magenta (89%)
- Yellow (0%)
- Black (28%)





- Cyan (29%)
- Magenta (92%)
- Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the YUV color 86.8350, 47.9023, 82.5827 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 86.8350, 47.9023, 82.5827 by changing the saturation by 10% instead.


 86.8350, 47.9023,
82.5827


 86.8350, 47.9023,
82.5827


255.0000, 0.0000,
0.0000


 63.3460, 46.1714,
77.7496


 154.1240, 42.8299,
76.1903


 51.5970, 38.6527,
62.6204


 176.9290, 38.4890,
68.4683


 40.2610, 31.4233,
48.0061


 193.9520, 30.0967,
53.5391

 29.4520, 24.9202,
33.8066

 210.9750, 21.7043,
38.6099

 18.3440, 18.5644,
18.9923

 228.5850, 13.0226,
23.1660

 3.7620, 14.4143,
-3.2993

 246.1950, 4.3409,

 0.6840, 2.6208,

7.7220

-0.5999

■ 0.0000, 0.0000,
0.0000

■ 86.8350, 47.9023,
82.5827

■ 86.8350, 47.9023,
82.5827

■ 76.2690, 53.1114,
91.8491

■ 97.4010, 42.6933,
73.3163

■ 75.0950, 53.6902,
92.8787

■ 108.8530, 37.0475,
64.1499

■ 119.4190, 31.8384,
54.8835

■ 130.5720, 26.3400,
45.1024

■ 141.4370, 20.9836,
36.4508

■ 152.0030, 15.7745,
27.1844

■ 163.1560, 10.2761,
17.4032

■ 174.0210, 4.9196,
8.7516

■ 185.1740, -0.5788,
-1.0296

Harmonies

Analogous

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



95.0160, 69.5051, -33.3400



86.8350, 47.9023, 82.5827



79.2600, 16.6338, 125.1830

Triad

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



86.8350, 47.9023, 82.5827



97.5810, -48.1074, 30.1855



96.8640, 36.0560, -84.9497

Complementary

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



86.8350, 47.9023, 82.5827



117.1650, -47.9023, -82.5827

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.



87.7270, 3.5856, -76.9366



86.8350, 47.9023, 82.5827



86.6080, -42.6977, -25.0892

Square

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



86.8350, 47.9023, 82.5827



92.0080, -45.3599, 82.4310



74.5490, -36.7527, -65.3795



101.8290, 62.6953, -89.3040

Rectangle

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



86.8350, 47.9023, 82.5827



74.5000, -4.1905, 131.1115



74.5490, -36.7527, -65.3795



94.1280, 25.5729, -82.5503

Sweetspot

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



86.8350, 47.9023, 82.5827



201.5460, 18.9578, 32.8472



41.6310, 70.1879, -18.9704



96.8080, 11.4337, 19.4624



247.0000, 0.0000, 0.0000



120.0000, 0.0000, 0.0000

Same Dimension

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



86.8350, 47.9023, 82.5827



97.6250, 70.1909, 120.4779



78.9540, 13.8267, 92.1253



86.7170, 2.6045, 4.6332



63.5310, 45.5872, 78.4643



11.5640, 8.1029, 14.4144

Inverse Universe

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



69.3780, -22.8644, 100.5235



72.2160, -33.6305, 147.1466



125.0460, -13.8267, -92.1253



85.6910, -1.3267, 5.5330



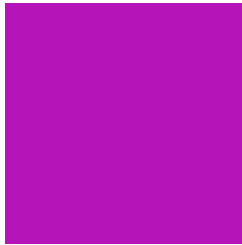
46.9860, -21.6851, 95.6053



8.4860, -3.6906, 17.1138

Previews

White Background



This preview shows how the YUV color 86.8350, 47.9023, 82.5827 looks on a white background.

Color Contrast Check

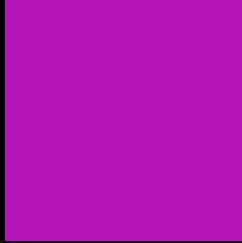
Large Text (above 18pt) WCAG AA ✓ Pass

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 86.8350, 47.9023, 82.5827 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

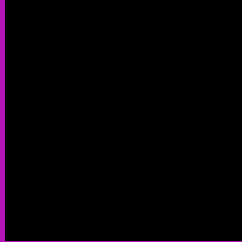
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 86.8350, 47.9023, 82.5827

Background



This preview shows how black text looks on a background with the YUV color 86.8350, 47.9023, 82.5827.



This preview shows how white text looks on a background with the YUV color 86.8350, 47.9023,

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

86.8350, 47.9023, 82.5827

Protanopia

83.7970, 64.6831, -73.4900

Deuteranopia

100.1830, 35.8988, -34.3635



Tritanopia

102.9750, -11.8197, 57.9039

Trichromacy



Original Color

86.8350, 47.9023, 82.5827



Protanomaly

85.2540, 58.5418, -16.8858



Deuteranomaly

95.5980, 40.1312, 8.2456



Tritanomaly

96.7630, 9.9768, 66.8598

Monochromacy



Original Color

86.8350, 47.9023, 82.5827



Achromatopsia

87.0000, 0.0000, 0.0000



Achromatomaly

87.0680, 17.2215, 29.7584

CSS Examples

Text

The CSS property to change the color of the text to YUV 86.8350, 47.9023, 82.5827 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(181, 20, 184)` looks like.

```
.text, #text, p{  
    color:rgb(181, 20, 184)  
}
```

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(181, 20, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 20, 184) }
```

Border

The CSS property to change the border of an element to YUV 86.8350, 47.9023, 82.5827 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(181, 20, 184) }
```


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

```
.border{ border-color:rgb(181, 20, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 20, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 20, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 20, 184);  
box-shadow:4px 4px 4px 4px rgb(181, 20,  
184) }
```

Background

The CSS property to change the background color of an element to YUV 86.8350, 47.9023, 82.5827 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 20, 184) }
```

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

```
.background{ background-color: rgb(181, 20,  
184) }
```

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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