

Converting Colors

YUV(86.9110, 49.3439, 86.9011)

Have a look what the booklet for
YUV(86.9110, 49.3439, 86.9011)
contains.

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Color

**YUV(86.9110, 49.3439,
86.9011)**

Conversions

Conversions Part 1

Format	Color
Hex	BA11BB
RGB	186, 17, 187
RGB Percent	73%, 7%, 73%
CMY	0.2706, 0.9333, 0.2667
CMYK	0.01, 0.91, 0.00, 0.27
HSL	300°, 83%, 40%
HSV	300°, 91%, 73%
XYZ	29.4198, 14.4279, 48.2480
YIQ	86.9110, 46.1540, 88.6980

Conversions

Conversions Part 2

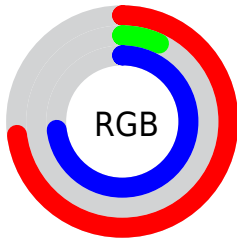
Format	Color
R_{YB}	186, 17, 187
Decimal	12194235
CIE _{Lab}	44.84, 75.98, -47.58
CIE _{LCh}	45, 89.648, 327.945
Yxy	14.4279, 0.3194, 0.1567
Android (android.graphics.Color)	4290384315 (0xFFBA11BB)
YUV	86.9110, 49.3439, 86.9011
Hunter-Lab	37.9840, 71.7817, -48.7224

Details

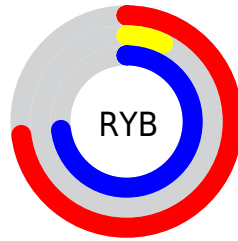
The YUV color **86.9110, 49.3439, 86.9011** is a dark color, and the websafe version is hex **CC33CC**. A complement of this color would be **117.0890, -49.3439, -86.9011**, and the grayscale version is **86.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **155.9610, 43.4032, 78.9642**, and **53.4340, 39.2260, 65.3944** is the 20% darker color. If you saturate the color by 10%, you get **76.9320, 54.2635, 95.6526**, and if you desaturate by 10%, it is **98.0640, 43.8454, 77.1199**.

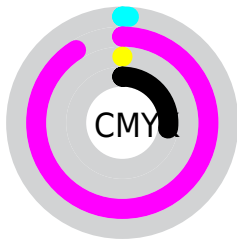
Distribution



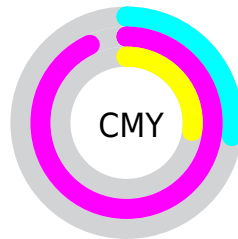
- Red (73%)
- Green (7%)
- Blue (73%)



- Red (73%)
- Yellow (7%)
- Blue (73%)



- Cyan (1%)
- Magenta (91%)
- Yellow (0%)
- Black (27%)





- Cyan (27%)
- Magenta (93%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the YUV color 86.9110, 49.3439, 86.9011 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 86.9110, 49.3439, 86.9011 by changing the saturation by 10% instead.


 86.9110, 49.3439,
86.9011


 86.9110, 49.3439,
86.9011


255.0000, 0.0000,
0.0000


 65.1830, 46.7448,
80.5235


 155.9610, 43.4032,
78.9642


 53.4340, 39.2260,
65.3944


 176.9290, 38.4890,
68.4683


 42.0980, 31.9967,
50.7801


 194.5390, 29.8073,
53.0243

 30.8760, 25.2041,
36.0657

 211.5620, 21.4149,
38.0951

 20.0670, 18.7010,
21.8662

 229.1720, 12.7332,
22.6512

 4.2890, 15.1405,
-2.8845

 246.7820, 4.0515,

 1.1400, 4.3680,

7.2072

-0.9998

■ 0.0000, 0.0000,
0.0000

■ 86.9110, 49.3439,
86.9011

■ 86.9110, 49.3439,
86.9011

■ 76.9320, 54.2635,
95.6526

■ 98.0640, 43.8454,
77.1199

■ 108.6300, 38.6364,
67.8535

■ 119.7830, 33.1380,
58.0723

■ 130.9360, 27.6396,
48.2911

■ 142.3880, 21.9937,
39.1247

■ 152.9540, 16.7847,
29.8583

■ 164.1070, 11.2862,
20.0772

■ 175.2600, 5.7878,
10.2960

■ 185.8260, 0.5788,
1.0296

Harmonies

Analogous

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



97.6680, 70.6627, -31.2808



86.9110, 49.3439, 86.9011



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.



86.9110, 49.3439, 86.9011



99.9400, -49.2704, 29.8706



99.1950, 37.3719, -86.9940

Complementary

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



86.9110, 49.3439, 86.9011



117.0890, -49.3439, -86.9011

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.



89.9440, 4.4646, -78.8809



86.9110, 49.3439, 86.9011



88.0700, -43.4185, -27.2484

Square

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



86.9110, 49.3439, 86.9011



94.0790, -46.3809, 83.2457



76.4240, -37.1840, -67.0238



104.1600, 64.0111, -91.3483

Rectangle

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



86.9110, 49.3439, 86.9011



75.9950, -4.9275, 134.1854



76.4240, -37.1840, -67.0238



96.4590, 26.8887, -84.5945

Sweetspot

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



86.9110, 49.3439, 86.9011



203.8450, 18.8104, 33.4619



38.1410, 73.3875, -18.5407



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.



86.9110, 49.3439, 86.9011



99.6470, 70.1800, 123.9666



77.8620, 13.3790, 95.7140



88.7170, 2.6045, 4.6332



64.9550, 45.8712, 80.7235



12.5040, 9.1185, 15.3440

Inverse Universe

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



67.9440, -24.6224, 104.4121



72.4720, -35.2357, 148.6761



126.1380, -13.3790, -95.7140



87.6910, -1.3267, 5.5330



47.3560, -22.8535, 97.0348



9.2690, -4.5696, 19.0581

Previews

White Background



This preview shows how the YUV color 86.9110, 49.3439, 86.9011 looks on a white background.

Color Contrast Check

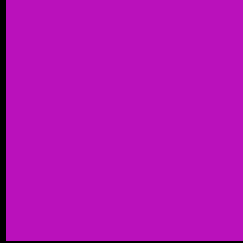
Large Text (above 18pt) WCAG AA ✓ Pass

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 86.9110, 49.3439, 86.9011 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

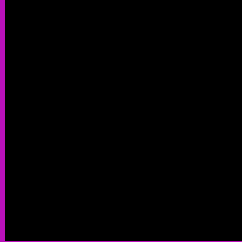
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 86.9110, 49.3439, 86.9011

Background



This preview shows how black text looks on a background with the YUV color 86.9110, 49.3439, 86.9011.



This preview shows how white text looks on a background with the YUV color 86.9110, 49.3439,

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

86.9110, 49.3439, 86.9011

Protanopia

86.0140, 65.5621, -75.4343

Deuteranopia

102.5960, 36.1882, -33.8487



Tritanopia

105.0570, -12.8461, 60.4630

Trichromacy



Original Color

86.9110, 49.3439, 86.9011



Protanomaly

86.1940, 59.5574, -15.9561



Deuteranomaly

96.8370, 40.9994, 9.7900



Tritanomaly

98.3720, 9.6766, 69.8338

Monochromacy



Original Color

86.9110, 49.3439, 86.9011



Achromatopsia

87.0000, 0.0000, 0.0000



Achromatomaly

87.1930, 17.6529, 31.4027

CSS Examples

Text

The CSS property to change the color of the text to YUV 86.9110, 49.3439, 86.9011 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, 17, 187)` looks like.

```
.text, #text, p{  
    color:rgb(186, 17, 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(186, 17, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 17, 187) }
```

Border

The CSS property to change the border of an element to YUV 86.9110, 49.3439, 86.9011 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, 17, 187) }
```


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

```
.border{ border-color:rgb(186, 17, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 17, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 17, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 17, 187);  
box-shadow:4px 4px 4px 4px rgb(186, 17,  
187) }
```

Background

The CSS property to change the background color of an element to YUV 86.9110, 49.3439, 86.9011 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 17, 187) }
```

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

```
.background{ background-color: rgb(186, 17,  
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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