

Converting Colors

YUV(89.2350, 17.6321, 84.8629)

Have a look what the booklet for
YUV(89.2350, 17.6321, 84.8629)
contains.

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Color

**YUV(89.2350, 17.6321,
84.8629)**

Conversions

Conversions Part 1

Format	Color
Hex	BA217D
RGB	186, 33, 125
RGB Percent	73%, 13%, 49%
CMY	0.2706, 0.8706, 0.5098
CMYK	0.00, 0.82, 0.33, 0.27
HSL	324°, 70%, 43%
HSV	324°, 82%, 73%
XYZ	24.4952, 13.0075, 20.6217
YIQ	89.2350, 61.6560, 61.0480

Conversions

Conversions Part 2

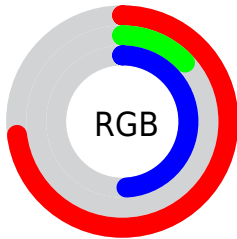
Format	Color
R_{YB}	186, 33, 125
Decimal	12198269
CIE _{Lab}	42.77, 64.85, -13.52
CIE _{LCh}	43, 66.244, 348.224
Yxy	13.0075, 0.4214, 0.2238
Android (android.graphics.Color)	4290388349 (0xFFBA217D)
YUV	89.2350, 17.6321, 84.8629
Hunter-Lab	36.0659, 58.1183, -8.6546

Details

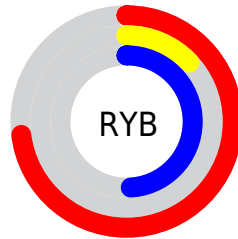
The YUV color **89.2350, 17.6321, 84.8629** is a dark color, and the websafe version is hex **CC3399**. A complement of this color would be **129.7650, -17.6321, -84.8629**, and the grayscale version is **89.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **150.7850, 13.4170, 83.5036**, and **46.9360, 14.3286, 71.0931** is the 20% darker color. If you saturate the color by 10%, you get **77.2840, 20.0730, 95.3439**, and if you desaturate by 10%, it is **101.1860, 15.1913, 74.3819**.

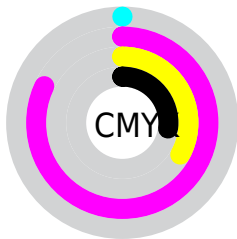
Distribution



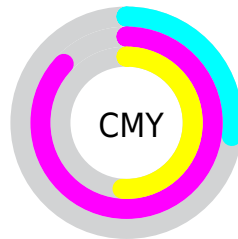
- Red (73%)
- Green (13%)
- Blue (49%)



- Red (73%)
- Yellow (13%)
- Blue (49%)



- Cyan (0%)
- Magenta (82%)
- Yellow (33%)
- Black (27%)





- Cyan (27%)
- Magenta (87%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the YUV color 89.2350, 17.6321, 84.8629 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 89.2350, 17.6321, 84.8629 by changing the saturation by 10% instead.


 89.2350, 17.6321,
84.8629


 89.2350, 17.6321,
84.8629


255.0000, 0.0000,
0.0000


 58.3430, 20.5369,
86.5222


 150.7850, 13.4170,
83.5036


 46.9360, 14.3286,
71.0931


 172.9900, 15.7809,
71.9228

 35.6430, 8.5570,
55.5641

 193.2050, 19.6189,
54.1942

 25.1760, 3.3642,
41.0646

 212.7360, 20.8362,
37.0655

 13.9110, -4.8861,
27.2651

 229.7590, 12.4438,
22.1364

 0.0000, 0.0000,
0.0000

 247.3690, 3.7621,

6.6924

■ 89.2350, 17.6321,
84.8629

■ 89.2350, 17.6321,
84.8629

■ 77.2840, 20.0730,
95.3439

■ 101.1860, 15.1913,
74.3819

■ 68.3820, 21.5037,
103.1510

■ 112.6640, 13.4766,
64.3157

■ 124.6150, 11.0358,
53.8346

■ 136.0930, 9.3212,
43.7684

■ 148.0440, 6.8803,
33.2874

■ 159.9950, 4.4395,
22.8064

■ 171.4730, 2.7248,
12.7402

■ 183.4240, 0.2840,
2.2592

■ 194.9020, -1.4307,
-7.8071

Harmonies

Analogous

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



102.6230, 35.6819, 35.4106



89.2350, 17.6321, 84.8629



84.5960, -6.7028, 96.8243

Triad

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



89.2350, 17.6321, 84.8629



91.4910, -45.1051, 0.4464



92.3620, 44.1915, -81.0015

Complementary

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



89.2350, 17.6321, 84.8629



129.7650, -17.6321, -84.8629

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.



88.6510, 22.3571, -77.7469



89.2350, 17.6321, 84.8629



70.7480, -28.4698, -62.0460

Square

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



89.2350, 17.6321, 84.8629



95.5760, -47.1190, 39.8368



80.9790, -1.9616, -71.0186



90.7440, 58.3002, -79.5825

Rectangle

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



89.2350, 17.6321, 84.8629



90.4160, -27.3201, 82.9502



80.9790, -1.9616, -71.0186



91.9400, 37.4976, -80.6314

Sweetspot

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



89.2350, 17.6321, 84.8629



204.0440, 6.8803, 33.2874



68.0830, 58.1331, 20.9752



99.2720, 4.3029, 19.9325



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.



89.2350, 17.6321, 84.8629



90.2900, 27.9580, 133.0497



80.7990, -14.6909, 92.2613



86.2610, 0.8573, 5.0331



57.3600, 18.0635, 86.5073



10.3100, 3.2982, 15.5141

Inverse Universe

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



89.2350, 17.6321, 84.8629



90.2900, 27.9580, 133.0497



138.2010, 14.6909, -92.2613



86.2610, 0.8573, 5.0331



57.3600, 18.0635, 86.5073



10.3100, 3.2982, 15.5141

Previews

White Background



This preview shows how the YUV color 89.2350, 17.6321, 84.8629 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 89.2350, 17.6321, 84.8629 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

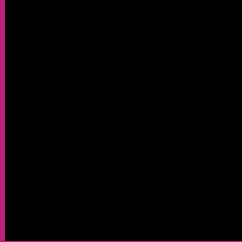
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 89.2350, 17.6321, 84.8629

Background



This preview shows how black text looks on a background with the YUV color 89.2350, 17.6321, 84.8629.



This preview shows how white text looks on a background with the YUV color 89.2350, 17.6321,

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

89.2350, 17.6321, 84.8629

Protanopia

100.0210, 34.9926, -23.6974

Deuteranopia

103.4330, 6.6885, 1.3743



Tritanopia

94.3040, -17.4049, 76.0324

Trichromacy



Original Color

89.2350, 17.6321, 84.8629

Protanomaly

96.2540, 28.4688, 15.5632

Deuteranomaly

98.3580, 10.6695, 31.2580

Tritanomaly

92.3550, -4.6120, 79.4957

Monochromacy



Original Color

89.2350, 17.6321, 84.8629

Achromatopsia

89.0000, 0.0000, 0.0000

Achromatomaly

89.2070, 6.3069, 30.5135

CSS Examples

Text

The CSS property to change the color of the text to YUV 89.2350, 17.6321, 84.8629 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, 33, 125)` looks like.

```
.text, #text, p{  
    color:rgb(186, 33, 125)  
}
```

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, 33, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 33, 125) }
```

Border

The CSS property to change the border of an element to YUV 89.2350, 17.6321, 84.8629 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, 33, 125) }
```


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

```
.border{ border-color:rgb(186, 33, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 33, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 33, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 33, 125);  
box-shadow:4px 4px 4px 4px rgb(186, 33,  
125) }
```

Background

The CSS property to change the background color of an element to YUV 89.2350, 17.6321, 84.8629 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 33, 125) }
```

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

```
.background{ background-color: rgb(186, 33,  
125) }
```

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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