

Converting Colors

YUV(116.2850, 8.2405, 63.7711)

Have a look what the booklet for
YUV(116.2850, 8.2405, 63.7711)
contains.

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Color

**YUV(116.2850, 8.2405,
63.7711)**

Conversions

Conversions Part 1

Format	Color
Hex	BD4C85
RGB	189, 76, 133
RGB Percent	74%, 30%, 52%
CMY	0.2588, 0.7020, 0.4784
CMYK	0.00, 0.60, 0.30, 0.26
HSL	330°, 46%, 52%
HSV	330°, 60%, 74%
XYZ	27.8043, 17.6812, 24.1377
YIQ	116.2850, 49.0510, 41.6830

Conversions

Conversions Part 2

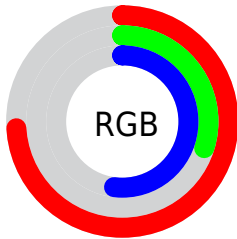
Format	Color
R_{YB}	189, 76, 133
Decimal	12405893
CIE _{Lab}	49.11, 51.28, -8.79
CIE _{LCh}	49, 52.030, 350.274
Yxy	17.6812, 0.3994, 0.2540
Android (android.graphics.Color)	4290595973 (0xFFBD4C85)
YUV	116.2850, 8.2405, 63.7711
Hunter-Lab	42.0490, 44.4452, -4.6004

Details

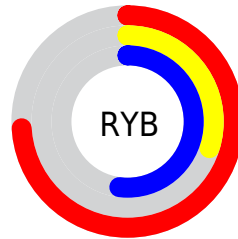
The YUV color **116.2850, 8.2405, 63.7711** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **148.7150, -8.2405, -63.7711**, and the grayscale version is **116.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **171.6660, 7.0667, 66.9449**, and **57.8490, 12.8924, 65.0304** is the 20% darker color. If you saturate the color by 10%, you get **104.1060, 9.8077, 74.4520**, and if you desaturate by 10%, it is **128.4640, 6.6732, 53.0901**.

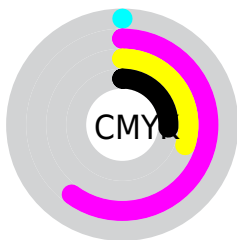
Distribution



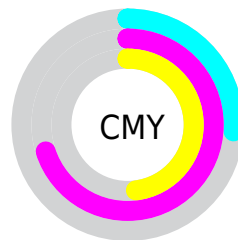
- Red (74%)
- Green (30%)
- Blue (52%)



- Red (74%)
- Yellow (30%)
- Blue (52%)



- Cyan (0%)
- Magenta (60%)
- Yellow (30%)
- Black (26%)





- Cyan (26%)
- Magenta (70%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the YUV color 116.2850, 8.2405, 63.7711 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 116.2850, 8.2405, 63.7711 by changing the saturation by 10% instead.


 116.2850, 8.2405,
63.7711


 116.2850, 8.2405,
63.7711


255.0000, 0.0000,
0.0000


 88.3280, 9.6983,
62.8563


 171.6660, 7.0667,
66.9449


 57.8490, 12.8924,
65.0304


 193.3870, 10.1622,
54.0346


 37.9360, 10.8776,
57.9381


 213.0150, 14.2896,
36.8208

 27.4690, 5.6848,
43.4387

 230.9330, 11.8650,
21.1068

 18.1980, -0.0976,
31.3984

 247.9560, 3.4727,
6.1776

 3.2890, -1.6215,
6.7625

 0.0000, 0.0000,

0.0000

■ 116.2850, 8.2405,
63.7711

■ 116.2850, 8.2405,
63.7711

■ 104.1060, 9.8077,
74.4520

■ 128.4640, 6.6732,
53.0901

■ 91.8130, 10.9382,
85.2330

■ 140.7570, 5.5428,
42.3091

■ 79.6340, 12.5054,
95.9140

■ 152.9360, 3.9756,
31.6281

■ 67.4550, 14.0727,
106.5950

■ 165.1150, 2.4083,
20.9471

■ 67.3410, 13.6359,
106.6949

■ 177.4080, 1.2779,
10.1662

■ 189.0000, 0.0000,
0.0000

■ 201.2930, -1.1304,
-10.7810

■ 213.4720, -2.6977,
-21.4619

■ 225.6510, -4.2649,
-32.1429

Harmonies

Analogous

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



120.4840, 26.3834, 31.1475



116.2850, 8.2405, 63.7711



113.3620, -12.0105, 72.4735

Triad

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



116.2850, 8.2405, 63.7711



107.7130, -41.7635, 2.0057



99.6340, 41.5924, -87.3790

Complementary

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



116.2850, 8.2405, 63.7711



148.7150, -8.2405, -63.7711

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.



97.6500, 23.8365, -85.6391



116.2850, 8.2405, 63.7711



100.4270, -21.4095, -39.8395

Square

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



116.2850, 8.2405, 63.7711



111.4120, -45.0661, 34.7187



91.8190, 4.0332, -80.5253



97.2180, 52.6435, -85.2602

Rectangle

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



116.2850, 8.2405, 63.7711



113.7620, -25.5187, 65.1067



91.8190, 4.0332, -80.5253



99.5540, 36.2089, -87.3089

Sweetspot

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



116.2850, 8.2405, 63.7711



216.6640, 3.1236, 24.8507



105.3270, 41.2508, 22.5152



104.6690, 2.1352, 15.1993



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.



116.2850, 8.2405, 63.7711



131.6560, 12.4946, 99.4027



110.0150, -15.7834, 69.2698



88.2610, 0.8573, 5.0331



56.3620, 11.6535, 89.1365



10.9790, 1.9824, 17.5584

Inverse Universe

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



116.2850, 8.2405, 63.7711



131.6560, 12.4946, 99.4027



154.9850, 15.7834, -69.2698



88.2610, 0.8573, 5.0331



56.3620, 11.6535, 89.1365



10.9790, 1.9824, 17.5584

Previews

White Background



This preview shows how the YUV color 116.2850, 8.2405, 63.7711 looks on a white background.

Color Contrast Check

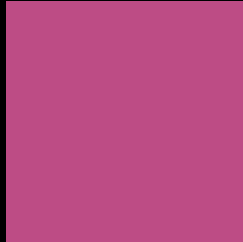
Large Text (above 18pt) WCAG AA ✓ Pass

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 116.2850, 8.2405, 63.7711 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 116.2850, 8.2405, 63.7711

Background



This preview shows how black text looks on a background with the YUV color 116.2850, 8.2405, 63.7711.



This preview shows how white text looks on a background with the YUV color 116.2850, 8.2405,

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

116.2850, 8.2405, 63.7711

Protanopia

117.4280, 20.9880, -11.7764

Deuteranopia

118.4720, 4.2043, 4.8481



Tritanopia

115.5840, -12.1199, 60.8778

Trichromacy



Original Color

116.2850, 8.2405, 63.7711

Protanomaly

116.7520, 16.3913, 16.0035

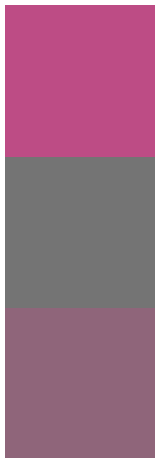
Deuteranomaly

117.6580, 5.5916, 26.6099

Tritanomaly

115.8320, -4.8472, 61.5373

Monochromacy



Original Color

116.2850, 8.2405, 63.7711

Achromatopsia

116.0000, 0.0000, 0.0000

Achromatomaly

115.9520, 2.9817, 23.7211

CSS Examples

Text

The CSS property to change the color of the text to YUV 116.2850, 8.2405, 63.7711 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(189, 76, 133)` looks like.

```
.text, #text, p{  
    color:rgb(189, 76, 133)  
}
```

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(189, 76, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 76, 133) }
```

Border

The CSS property to change the border of an element to YUV 116.2850, 8.2405, 63.7711 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(189, 76, 133) }
```


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

```
.border{ border-color:rgb(189, 76, 133) }
```

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

Here you see how a box with a 4 pixel rgb(189, 76, 133) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 76, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 76, 133);  
box-shadow:4px 4px 4px 4px rgb(189, 76,  
133) }
```

Background

The CSS property to change the background color of an element to YUV 116.2850, 8.2405, 63.7711 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 76, 133) }
```

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

```
.background{ background-color: rgb(189, 76,  
133) }
```

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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