

Converting Colors

YUV(158.3050, 11.1886,
51.4755)

Have a look what the booklet for
YUV(158.3050, 11.1886, 51.4755)
contains.

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Color

**YUV(158.3050, 11.1886,
51.4755)**

Conversions

Conversions Part 1

Format	Color
Hex	D97CB5
RGB	217, 124, 181
RGB Percent	85%, 49%, 71%
CMY	0.1490, 0.5137, 0.2902
CMYK	0.00, 0.43, 0.17, 0.15
HSL	323°, 55%, 67%
HSV	323°, 43%, 85%
XYZ	44.1634, 32.5032, 47.6621
YIQ	158.3050, 37.1310, 37.4430

Conversions

Conversions Part 2

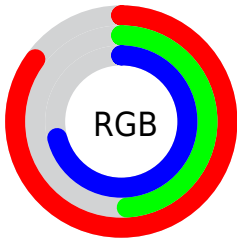
Format	Color
R _Y B	217, 124, 181
Decimal	14253237
CIE Lab	63.76, 43.49, -14.35
CIE LCh	64, 45.794, 341.744
Yxy	32.5032, 0.3552, 0.2614
Android (android.graphics.Color)	4292443317 (0xFFD97CB5)
YUV	158.3050, 11.1886, 51.4755
Hunter-Lab	57.0116, 38.5028, -9.6588

Details

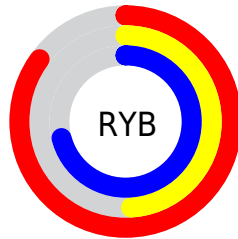
The YUV color **158.3050, 11.1886, 51.4755** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **182.6950, -11.1886, -51.4755**, and the grayscale version is **158.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **207.7490, 14.4207, 41.4391**, and **104.6960, 11.4889, 48.5016** is the 20% darker color. If you saturate the color by 10%, you get **144.4790, 14.0609, 63.6009**, and if you desaturate by 10%, it is **172.1310, 8.3164, 39.3501**.

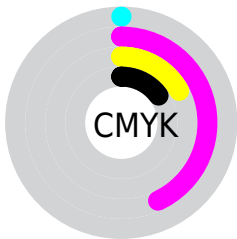
Distribution



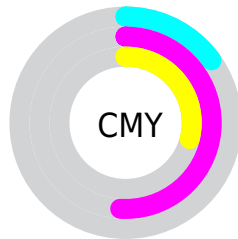
- Red (85%)
- Green (49%)
- Blue (71%)



- Red (85%)
- Yellow (49%)
- Blue (71%)



- Cyan (0%)
- Magenta (43%)
- Yellow (17%)
- Black (15%)



- Cyan (15%)
- Magenta (51%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the YUV color 158.3050, 11.1886, 51.4755 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 158.3050, 11.1886, 51.4755 by changing the saturation by 10% instead.

■ 158.3050, 11.1886,
51.4755

■ 158.3050, 11.1886,
51.4755

255.0000, 0.0000,
0.0000

■ 131.2940, 11.1941,
49.7312

■ 207.7490, 14.4207,
41.4391

■ 104.6960, 11.4889,
48.5016

■ 226.8240, 13.8908,
24.7104

■ 78.5110, 12.0731,
47.7869

■ 243.2600, 5.7878,
10.2960

■ 50.6790, 13.9623,
48.5165

■ 30.3040, 12.6681,
43.5834

■ 20.3210, 6.7437,
30.4135

■ 9.3980, -0.1962,

16.3140

■ 0.0000, 0.0000,
0.0000

■ 158.3050, 11.1886,
51.4755

■ 158.3050, 11.1886,
51.4755

■ 144.4790, 14.0609,
63.6009

■ 172.1310, 8.3164,
39.3501

■ 131.1260, 16.2069,
75.3115

■ 185.4840, 6.1704,
27.6395

■ 117.3000, 19.0791,
87.4369

■ 199.3100, 3.2982,
15.5141

■ 103.3600, 21.5145,
99.6623

■ 213.2500, 0.8628,
3.2887

■ 89.5340, 24.3867,
111.7877

■ 227.0760, -2.0095,
-8.8367

■ 80.0450, 26.1068,
120.1095

■ 240.3150, -4.5923,
-20.4473

■ 241.9280, -0.9505,
-21.8619

■ 242.8400, 2.5439,
-22.6617

■ 243.6380, 5.6015,
-23.3615

Harmonies

Analogous

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



158.5640, 28.3159, 17.9224



158.3050, 11.1886, 51.4755



155.7680, -7.7736, 66.8555

Triad

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



158.3050, 11.1886, 51.4755



149.1040, -38.0123, 12.1868



125.2630, 40.7893, -109.8557

Complementary

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



158.3050, 11.1886, 51.4755



182.6950, -11.1886, -51.4755

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.



122.1050, 23.6122, -107.0861



158.3050, 11.1886, 51.4755



144.5710, -26.4105, -22.4258

Square

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



158.3050, 11.1886, 51.4755



152.4050, -37.6677, 41.7408



133.6590, -3.2829, -67.2299



123.7760, 52.8614, -108.5516

Rectangle

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



158.3050, 11.1886, 51.4755



154.8420, -20.1351, 65.0366



133.6590, -3.2829, -67.2299



124.4820, 35.2584, -109.1707

Sweetspot

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



158.3050, 11.1886, 51.4755



234.1470, 3.8715, 18.2881



145.3660, 35.3156, 12.8340



114.7610, 2.5828, 11.6106



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.



158.3050, 11.1886, 51.4755



172.9900, 15.7809, 71.9228



153.0610, -8.9041, 56.0745



102.9730, 0.9993, 6.1627



63.8110, 20.7992, 95.7588



16.9460, 5.4496, 25.4804

Inverse Universe

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



158.3050, 11.1886, 51.4755



172.9900, 15.7809, 71.9228



187.9390, 8.9041, -56.0745



102.9730, 0.9993, 6.1627



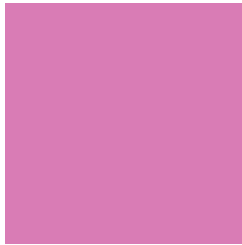
63.8110, 20.7992, 95.7588



16.9460, 5.4496, 25.4804

Previews

White Background



This preview shows how the YUV color 158.3050, 11.1886, 51.4755 looks on a white background.

Color Contrast Check

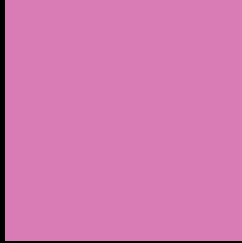
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 158.3050, 11.1886, 51.4755 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

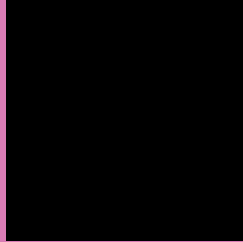
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 158.3050, 11.1886, 51.4755 Background



This preview shows how black text looks on a background with the YUV color 158.3050, 11.1886, 51.4755.



This preview shows how white text looks on a background with the YUV color 158.3050, 11.1886, 51.4755.

51.4755.

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

158.3050, 11.1886, 51.4755

Protanopia

155.1830, 22.5878, -11.5615

Deuteranopia

156.5410, 9.5933, 3.0335



Tritanopia

157.3590, -7.5720, 48.7972

Trichromacy



Original Color

158.3050, 11.1886, 51.4755

Protanomaly

156.0010, 18.7335, 11.4001

Deuteranomaly

157.1780, 10.2652, 20.8919

Tritanomaly

157.4930, -0.7360, 49.5566

Monochromacy



Original Color

158.3050, 11.1886, 51.4755

Achromatopsia

158.0000, 0.0000, 0.0000

Achromatomaly

158.1470, 3.8715, 18.2881

CSS Examples

Text

The CSS property to change the color of the text to YUV 158.3050, 11.1886, 51.4755 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(217, 124, 181)` looks like.

```
.text, #text, p{  
    color:rgb(217, 124, 181)  
}
```

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(217, 124, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 124, 181) }
```

Border

The CSS property to change the border of an element to YUV 158.3050, 11.1886, 51.4755 is called "border". The border property can be set on classes, ids or directly on the HTML element.

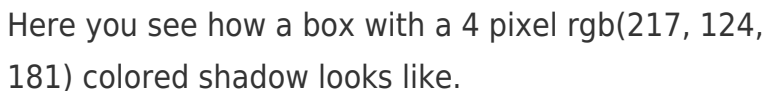
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(217, 124, 181) }
```


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

```
.border{ border-color:rgb(217, 124, 181) }
```

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



Here you see how a box with a 4 pixel `rgb(217, 124, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(217, 124, 181); -webkit-box-shadow:4px 4px 4px 4px rgb(217, 124, 181); box-shadow:4px 4px 4px 4px rgb(217, 124, 181) }
```

Background

The CSS property to change the background color of an element to YUV 158.3050, 11.1886, 51.4755 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 124, 181) }
```

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

```
.background{ background-color: rgb(217,  
124, 181) }
```

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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