

Converting Colors

YUV(133.4850, 11.5929,
61.8417)

Have a look what the booklet for
YUV(133.4850, 11.5929, 61.8417)
contains.

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Color

**YUV(133.4850, 11.5929,
61.8417)**

Conversions

Conversions Part 1

Format	Color
Hex	CC5D9D
RGB	204, 93, 157
RGB Percent	80%, 36%, 62%
CMY	0.2000, 0.6353, 0.3843
CMYK	0.00, 0.54, 0.23, 0.20
HSL	325°, 52%, 58%
HSV	325°, 54%, 80%
XYZ	34.9020, 23.1004, 34.5176
YIQ	133.4850, 45.6120, 43.4360

Conversions

Conversions Part 2

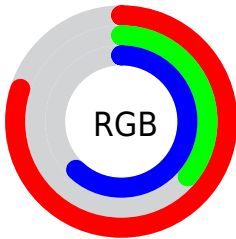
Format	Color
R_{YB}	204, 93, 157
Decimal	13393309
CIE _{Lab}	55.18, 51.26, -13.65
CIE _{LCh}	55, 53.044, 345.083
Yxy	23.1004, 0.3772, 0.2497
Android (android.graphics.Color)	4291583389 (0xFFCC5D9D)
YUV	133.4850, 11.5929, 61.8417
Hunter-Lab	48.0629, 45.5120, -8.9366

Details

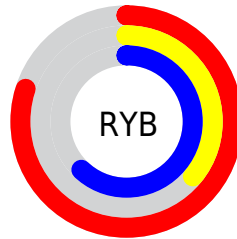
The YUV color **133.4850, 11.5929, 61.8417** is a dark color, and the websafe version is hex **CC6699**. The color can be described as middle muted rose. A complement of this color would be **163.5150, -11.5929, -61.8417**, and the grayscale version is **133.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **186.7020, 12.4719, 59.8973**, and **78.3430, 13.6349, 60.2122** is the 20% darker color. If you saturate the color by 10%, you get **120.7190, 13.4495, 73.0374**, and if you desaturate by 10%, it is **146.2510, 9.7363, 50.6459**.

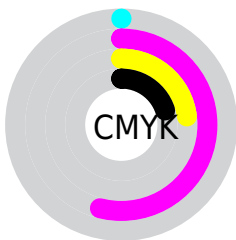
Distribution



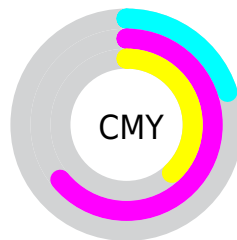
- Red (80%)
- Green (36%)
- Blue (62%)



- Red (80%)
- Yellow (36%)
- Blue (62%)



- Cyan (0%)
- Magenta (54%)
- Yellow (23%)
- Black (20%)





- Cyan (20%)
- Magenta (64%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the YUV color 133.4850, 11.5929, 61.8417 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 133.4850, 11.5929, 61.8417 by changing the saturation by 10% instead.


 133.4850, 11.5929,
61.8417


 133.4850, 11.5929,
61.8417


255.0000, 0.0000,
0.0000


 106.0010, 12.3245,
60.5121


 186.7020, 12.4719,
59.8973


 78.3430, 13.6349,
60.2122


 206.3300, 16.5993,
42.6836

 44.8150, 17.8392,
65.0602

 225.0630, 14.7589,
26.2547

 34.1200, 11.7728,
50.7608

 241.4990, 6.6560,
11.8404

 23.9520, 6.4327,
36.8761

 13.8550, 0.0715,
23.8062

 0.0000, 0.0000,

0.0000

■ 133.4850, 11.5929,
61.8417

■ 133.4850, 11.5929,
61.8417

■ 120.7190, 13.4495,
73.0374

■ 146.2510, 9.7363,
50.6459

■ 107.4800, 16.0324,
84.6480

■ 159.4900, 7.1534,
39.0353

■ 94.7140, 17.8890,
95.8438

■ 172.2560, 5.2968,
27.8395

■ 81.3610, 20.0350,
107.5544

■ 185.6090, 3.1508,
16.1289

■ 74.4480, 21.4711,
113.6171

■ 198.2610, 0.8573,
5.0331

■ 211.0270, -0.9993,
-6.1627

■ 224.2660, -3.5821,
-17.7733

■ 236.4450, -5.1494,
-28.4543

■ 237.4710, -1.2182,
-29.3541

Harmonies

Analogous

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



136.0640, 30.0414, 24.4999



133.4850, 11.5929, 61.8417



130.0680, -9.4005, 75.3624

Triad

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



133.4850, 11.5929, 61.8417



124.3610, -44.5480, 8.4534



111.5680, 41.6250, -97.8451

Complementary

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



133.4850, 11.5929, 61.8417



163.5150, -11.5929, -61.8417

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.



108.0680, 23.1375, -94.7756



133.4850, 11.5929, 61.8417



117.9890, -27.1096, -31.5624

Square

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



133.4850, 11.5929, 61.8417



128.2710, -44.5036, 40.9813



102.0090, 2.4606, -89.4619



109.7220, 54.8601, -96.2262

Rectangle

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



133.4850, 11.5929, 61.8417



129.9630, -23.6458, 71.0694



102.0090, 2.4606, -89.4619



110.7870, 36.0940, -97.1602

Sweetspot

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



133.4850, 11.5929, 61.8417



228.9950, 4.4395, 22.8064



119.4080, 41.7039, 17.1822



112.0710, 2.4300, 13.9697



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.



133.4850, 11.5929, 61.8417



149.5780, 17.4630, 92.4551



127.2150, -12.4310, 67.3404



95.6740, 1.1467, 5.5479



60.5780, 17.4630, 92.4551



13.8700, 4.0081, 21.1620

Inverse Universe

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



133.4850, 11.5929, 61.8417



149.5780, 17.4630, 92.4551



169.7850, 12.4310, -67.3404



95.6740, 1.1467, 5.5479



60.5780, 17.4630, 92.4551



13.8700, 4.0081, 21.1620

Previews

White Background



This preview shows how the YUV color 133.4850, 11.5929, 61.8417 looks on a white background.

Color Contrast Check

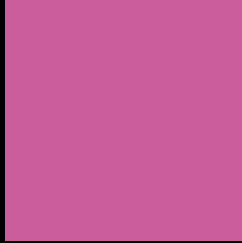
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 133.4850, 11.5929, 61.8417 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

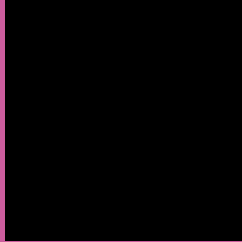
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 133.4850, 11.5929, 61.8417

Background



This preview shows how black text looks on a background with the YUV color 133.4850, 11.5929, 61.8417.



This preview shows how white text looks on a background with the YUV color 133.4850, 11.5929, 61.8417.

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

133.4850, 11.5929, 61.8417

Protanopia

132.8560, 25.2140, -13.9057

Deuteranopia

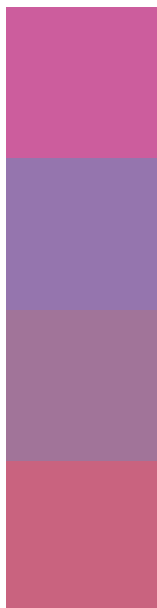
133.9000, 8.4303, 2.7187



Tritanopia

132.8010, -11.2409, 58.9335

Trichromacy



Original Color

133.4850, 11.5929, 61.8417

Protanomaly

133.0660, 20.1805, 13.9741

Deuteranomaly

133.6730, 9.5282, 23.9658

Tritanomaly

132.6900, -2.8052, 59.9079

Monochromacy



Original Color

133.4850, 11.5929, 61.8417

Achromatopsia

133.0000, 0.0000, 0.0000

Achromatomaly

132.9950, 4.4395, 22.8064

CSS Examples

Text

The CSS property to change the color of the text to YUV 133.4850, 11.5929, 61.8417 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(204, 93, 157)` looks like.

```
.text, #text, p{  
    color:rgb(204, 93, 157)  
}
```

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(204, 93, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 93, 157) }
```

Border

The CSS property to change the border of an element to YUV 133.4850, 11.5929, 61.8417 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(204, 93, 157) }
```


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

```
.border{ border-color:rgb(204, 93, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 93, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(204, 93, 157); -webkit-box-shadow:4px 4px 4px 4px rgb(204, 93, 157); box-shadow:4px 4px 4px 4px rgb(204, 93, 157) }
```

Background

The CSS property to change the background color of an element to YUV 133.4850, 11.5929, 61.8417 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 93, 157) }
```

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

```
.background{ background-color: rgb(204, 93,  
157) }
```

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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