

Converting Colors

YUV(121.8160, 33.1217,
63.3054)

Have a look what the booklet for
YUV(121.8160, 33.1217, 63.3054)
contains.

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Color

**YUV(121.8160, 33.1217,
63.3054)**

Conversions

Conversions Part 1

Format	Color
Hex	C248BD
RGB	194, 72, 189
RGB Percent	76%, 28%, 74%
CMY	0.2392, 0.7176, 0.2588
CMYK	0.00, 0.63, 0.03, 0.24
HSL	302°, 50%, 52%
HSV	302°, 63%, 76%
XYZ	33.7508, 19.7782, 50.1828
YIQ	121.8160, 35.1550, 62.2510

Conversions

Conversions Part 2

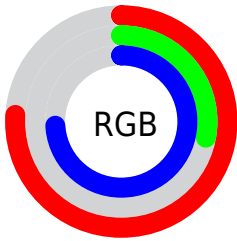
Format	Color
RYB	194, 72, 189
Decimal	12732605
CIELab	51.59, 62.75, -37.96
CIELCh	52, 73.339, 328.828
Yxy	19.7782, 0.3254, 0.1907
Android (android.graphics.Color)	4290922685 (0xFFC248BD)
YUV	121.8160, 33.1217, 63.3054
Hunter-Lab	44.4727, 57.6385, -35.7718

Details

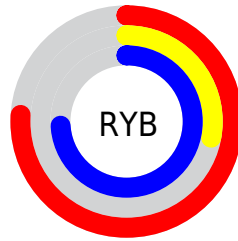
The YUV color **121.8160, 33.1217, 63.3054** is a light color, and the websafe version is hex **CC66CC**. The color can be described as light muted rose. A complement of this color would be **144.1840, -33.1217, -63.3054**, and the grayscale version is **121.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **178.8270, 33.1163, 65.0497**, and **56.3530, 38.7730, 70.7274** is the 20% darker color. If you saturate the color by 10%, you get **110.5490, 38.1833, 73.1865**, and if you desaturate by 10%, it is **133.0830, 28.0601, 53.4242**.

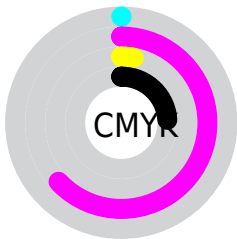
Distribution



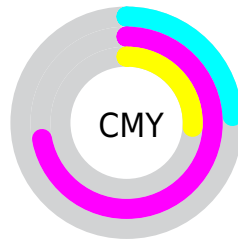
- Red (76%)
- Green (28%)
- Blue (74%)



- Red (76%)
- Yellow (28%)
- Blue (74%)



- Cyan (0%)
- Magenta (63%)
- Yellow (3%)
- Black (24%)





- Cyan (24%)
- Magenta (72%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the YUV color 121.8160, 33.1217, 63.3054 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 121.8160, 33.1217, 63.3054 by changing the saturation by 10% instead.


 121.8160, 33.1217,
63.3054


 121.8160, 33.1217,
63.3054


255.0000, 0.0000,
0.0000


 91.8700, 34.5741,
64.1350


 178.8270, 33.1163,
65.0497


 56.3530, 38.7730,
70.7274


 196.8870, 28.6497,
50.9651

 45.0170, 31.5436,
56.1131


 213.9100, 20.2574,
36.0359

 34.2080, 25.0405,
41.9136

 230.9330, 11.8650,
21.1068

 23.9970, 18.2425,
28.9436

 247.9560, 3.4727,
6.1776

 12.7040, 12.4709,
13.4146

 2.2970, 6.2626,

-2.0145

■ 0.0000, 0.0000,
0.0000

■ 121.8160, 33.1217,
63.3054

■ 121.8160, 33.1217,
63.3054

■ 110.5490, 38.1833,
73.1865

■ 133.0830, 28.0601,
53.4242

■ 98.6950, 43.5344,
83.5825

■ 144.9370, 22.7091,
43.0283

■ 87.5420, 49.0328,
93.3637

■ 156.0900, 17.2106,
33.2471

■ 79.2100, 52.6475,
100.6708

■ 167.9440, 11.8596,
22.8511

■ 179.2110, 6.7980,
12.9700

■ 190.4780, 1.7363,
3.0888

■ 202.3320, -3.6147,
-7.3072

■ 213.4850, -9.1131,
-17.0883

■ 225.3390,
-14.4641, -27.4843

Harmonies

Analogous

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



122.0760, 55.1785, -11.4677



121.8160, 33.1217, 63.3054



107.4180, 10.1469, 105.7504

Triad

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



121.8160, 33.1217, 63.3054



115.5890, -56.9854, 31.0554



108.7980, 36.0886, -95.4158

Complementary

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



121.8160, 33.1217, 63.3054



144.1840, -33.1217, -63.3054

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.



101.6160, 8.5703, -89.1172



121.8160, 33.1217, 63.3054



107.0300, -52.7658, -15.8123

Square

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



121.8160, 33.1217, 63.3054



113.7930, -56.0999, 73.8495



91.6300, -19.5376, -80.3595



111.4490, 58.9386, -97.7408

Rectangle

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



121.8160, 33.1217, 63.3054



107.1630, -9.9404, 108.6050



91.6300, -19.5376, -80.3595



106.5180, 27.3526, -93.4163

Sweetspot

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



121.8160, 33.1217, 63.3054



223.5960, 13.0172, 24.9103



87.1040, 52.6997, -9.7382



110.1620, 7.8081, 15.6439



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.



121.8160, 33.1217, 63.3054



140.2590, 51.6373, 97.9969



114.9760, 6.9138, 69.3040



91.1300, 2.8939, 5.1480



65.6950, 43.5344, 83.5825



13.5150, 9.1131, 17.0883

Inverse Universe

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



121.8160, 33.1217, 63.3054



140.2590, 51.6373, 97.9969



151.0240, -6.9138, -69.3040



91.1300, 2.8939, 5.1480



65.6950, 43.5344, 83.5825



13.5150, 9.1131, 17.0883

Previews

White Background



This preview shows how the YUV color 121.8160, 33.1217, 63.3054 looks on a white background.

Color Contrast Check

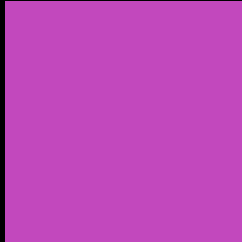
Large Text (above 18pt) WCAG AA ✓ Pass

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 121.8160, 33.1217, 63.3054 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

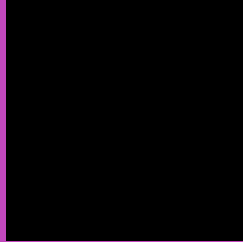
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 121.8160, 33.1217, 63.3054

Background



This preview shows how black text looks on a background with the YUV color 121.8160, 33.1217, 63.3054.



This preview shows how white text looks on a background with the YUV color 121.8160, 33.1217,

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

121.8160, 33.1217, 63.3054

Protanopia

115.7250, 57.3236, -46.2398

Deuteranopia

122.4360, 28.8721, -20.5534



Tritanopia

123.8110, -9.7668, 52.7858

Trichromacy



Original Color

121.8160, 33.1217, 63.3054



Protanomaly

118.2740, 48.1789, -6.3793



Deuteranomaly

122.0900, 30.5216, 10.4451



Tritanomaly

123.2580, 5.7888, 56.7787

Monochromacy



Original Color

121.8160, 33.1217, 63.3054



Achromatopsia

122.0000, 0.0000, 0.0000



Achromatomaly

121.9440, 11.8596, 22.8511

CSS Examples

Text

The CSS property to change the color of the text to YUV 121.8160, 33.1217, 63.3054 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(194, 72, 189)` looks like.

```
.text, #text, p{  
    color:rgb(194, 72, 189)  
}
```

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(194, 72, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 72, 189) }
```

Border

The CSS property to change the border of an element to YUV 121.8160, 33.1217, 63.3054 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(194, 72, 189) }
```


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

```
.border{ border-color:rgb(194, 72, 189) }
```

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

Here you see how a box with a 4 pixel rgb(194, 72, 189) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 72, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 72, 189);  
box-shadow:4px 4px 4px 4px rgb(194, 72,  
189) }
```

Background

The CSS property to change the background color of an element to YUV 121.8160, 33.1217, 63.3054 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 72, 189) }
```

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

```
.background{ background-color: rgb(194, 72,  
189) }
```

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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