

Converting Colors

YUV(118.0610, 34.9729,
76.2455)

Have a look what the booklet for
YUV(118.0610, 34.9729, 76.2455)
contains.

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Color

**YUV(118.0610, 34.9729,
76.2455)**

Conversions

Conversions Part 1

Format	Color
Hex	CD3CBD
RGB	205, 60, 189
RGB Percent	80%, 24%, 74%
CMY	0.1961, 0.7647, 0.2588
CMYK	0.00, 0.71, 0.08, 0.20
HSL	307°, 59%, 52%
HSV	307°, 71%, 80%
XYZ	35.9780, 19.8850, 50.0860
YIQ	118.0610, 45.0110, 70.8590

Conversions

Conversions Part 2

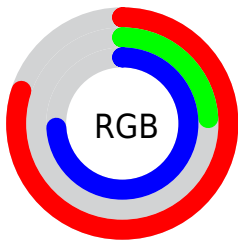
Format	Color
R_{YB}	205, 60, 189
Decimal	13450429
CIE _{Lab}	51.71, 69.85, -37.65
CIE _{LCh}	52, 79.352, 331.673
Yxy	19.8850, 0.3396, 0.1877
Android (android.graphics.Color)	4291640509 (0xFFCD3CBD)
YUV	118.0610, 34.9729, 76.2455
Hunter-Lab	44.5926, 65.9797, -35.3793

Details

The YUV color **118.0610, 34.9729, 76.2455** is a dark color, and the websafe version is hex **CC33CC**. The color can be described as middle muted rose. A complement of this color would be **146.9390, -34.9729, -76.2455**, and the grayscale version is **118.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **174.7290, 35.1366, 70.3977**, and **59.3430, 37.2989, 76.8752** is the 20% darker color. If you saturate the color by 10%, you get **105.5060, 40.1765, 87.2562**, and if you desaturate by 10%, it is **130.6160, 29.7693, 65.2348**.

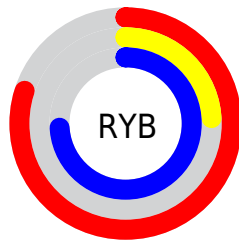
Distribution



Red (80%)

Green (24%)

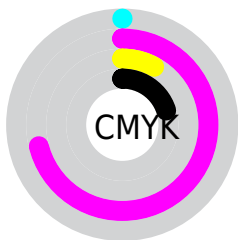
Blue (74%)



Red (80%)

Yellow (24%)

Blue (74%)

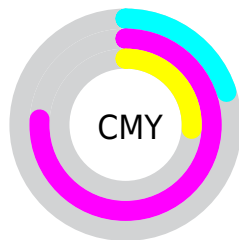


Cyan (0%)

Magenta (71%)

Yellow (8%)

Black (20%)



Cyan (20%)


Magenta (76%)


Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the YUV color 118.0610, 34.9729, 76.2455 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 118.0610, 34.9729, 76.2455 by changing the saturation by 10% instead.

 118.0610, 34.9729,
76.2455


 118.0610, 34.9729,
76.2455

255.0000, 0.0000,
0.0000


 83.4190, 38.7404,
81.1935


 174.7290, 35.1366,
70.3977


 59.3430, 37.2989,
76.8752


 192.7780, 30.6754,
54.5687

 48.0070, 30.0695,
62.2609


 209.2140, 22.5725,
40.1543

 36.8990, 23.7138,
47.4466

 226.8240, 13.8908,
24.7104

 26.3890, 17.0632,
33.8618

 243.8470, 5.4984,
9.7812

 15.0960, 11.2917,
18.3328

 2.1830, 5.8258,

-1.9145

■ 0.0000, 0.0000,
0.0000

■ 118.0610, 34.9729,
76.2455

■ 118.0610, 34.9729,
76.2455

■ 105.5060, 40.1765,
87.2562

■ 130.6160, 29.7693,
65.2348

■ 93.4240, 44.6540,
97.8522

■ 142.6980, 25.2919,
54.6389

■ 82.0430, 49.2788,
107.8333

■ 155.2530, 20.0883,
43.6281

■ 167.2210, 15.1740,
33.1322

■ 179.7760, 9.9704,
22.1214

■ 191.8580, 5.4930,
11.5255

■ 204.4130, 0.2894,
0.5148

■ 216.3810, -4.6248,
-9.9811

■ 228.9360, -9.8284,
-20.9919

Harmonies

Analogous

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



123.4020, 57.4828, -3.8606



118.0610, 34.9729, 76.2455



93.9890, 14.3024, 126.2976

Triad

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



118.0610, 34.9729, 76.2455



115.2680, -56.8271, 26.9520



111.2260, 40.3146, -97.5452

Complementary

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



118.0610, 34.9729, 76.2455



146.9390, -34.9729, -76.2455

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.



103.4740, 10.6123, -90.7467



118.0610, 34.9729, 76.2455



104.3170, -51.4283, -24.8340

Square

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



118.0610, 34.9729, 76.2455



114.0920, -56.2474, 74.4643



92.9180, -19.6796, -81.4891



113.5180, 64.3276, -99.5553

Rectangle

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



118.0610, 34.9729, 76.2455



100.5990, -11.1413, 120.5007



92.9180, -19.6796, -81.4891



108.8320, 31.1418, -95.4457

Sweetspot

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



118.0610, 34.9729, 76.2455



222.6180, 13.0063, 28.3990



80.7160, 61.2720, -5.8899



108.7600, 7.5133, 16.8735



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.



118.0610, 34.9729, 76.2455



124.8850, 52.3147, 114.1109



109.9670, 3.9603, 83.3439



96.0160, 2.4571, 5.2480



66.3920, 39.7397, 87.3562



15.2380, 9.2497, 19.9623

Inverse Universe

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



118.0610, 34.9729, 76.2455



124.8850, 52.3147, 114.1109



155.0330, -3.9603, -83.3439



96.0160, 2.4571, 5.2480



66.3920, 39.7397, 87.3562



15.2380, 9.2497, 19.9623

Previews

White Background



This preview shows how the YUV color 118.0610, 34.9729, 76.2455 looks on a white background.

Color Contrast Check

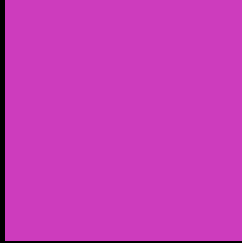
Large Text (above 18pt) WCAG AA ✓ Pass

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 118.0610, 34.9729, 76.2455 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

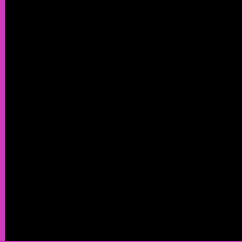
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 118.0610, 34.9729, 76.2455

Background



This preview shows how black text looks on a background with the YUV color 118.0610, 34.9729, 76.2455.



This preview shows how white text looks on a background with the YUV color 118.0610, 34.9729,

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

118.0610, 34.9729, 76.2455

Protanopia

112.6790, 63.7553, -55.8465

Deuteranopia

122.9200, 28.1404, -19.2238



Tritanopia

122.0790, -12.8569, 63.9517

Trichromacy



Original Color

118.0610, 34.9729, 76.2455



Protanomaly

114.6420, 53.4205, -7.5790



Deuteranomaly

121.1230, 30.5054, 15.6781



Tritanomaly

120.6940, 4.5879, 68.6744

Monochromacy



Original Color

118.0610, 34.9729, 76.2455



Achromatopsia

118.0000, 0.0000, 0.0000



Achromatomaly

118.2050, 12.7169, 27.8842

CSS Examples

Text

The CSS property to change the color of the text to YUV 118.0610, 34.9729, 76.2455 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(205, 60, 189)` looks like.

```
.text, #text, p{  
    color:rgb(205, 60, 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(205, 60, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 60, 189) }
```

Border

The CSS property to change the border of an element to YUV 118.0610, 34.9729, 76.2455 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(205, 60, 189) }
```


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

```
.border{ border-color:rgb(205, 60, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 60, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 60, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 60, 189);  
box-shadow:4px 4px 4px 4px rgb(205, 60,  
189) }
```

Background

The CSS property to change the background color of an element to YUV 118.0610, 34.9729, 76.2455 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 60, 189) }
```

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

```
.background{ background-color: rgb(205, 60,  
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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