

Converting Colors

YUV(118.9330, 29.1200,
86.8818)

Have a look what the booklet for
YUV(118.9330, 29.1200, 86.8818)
contains.

| | |
|--|----|
| YUV(118.9330, 29.1200, 86.8818) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 12 |
| <i>Previews</i> | 24 |
| <i>Color Blindness Simulation</i> | 28 |
| <i>CSS Examples</i> | 31 |

Color

**YUV(118.9330, 29.1200,
86.8818)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | DA39B2 |
| RGB | 218, 57, 178 |
| RGB Percent | 85%, 22%, 70% |
| CMY | 0.1451, 0.7765, 0.3020 |
| CMYK | 0.00, 0.74, 0.18, 0.15 |
| HSL | 315°, 69%, 54% |
| HSV | 315°, 74%, 85% |
| XYZ | 38.4125, 21.0460, 44.1572 |
| YIQ | 118.9330, 57.1150, 71.7630 |

Conversions

Conversions Part 2

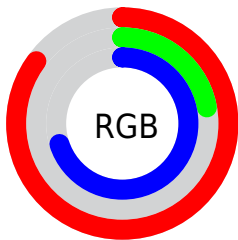
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 218, 57, 178 |
| Decimal | 14301618 |
| CIE _{Lab} | 53.00, 72.26, -29.07 |
| CIE _{LCh} | 53, 77.887, 338.082 |
| Yxy | 21.0460, 0.3707, 0.2031 |
| Android (android.graphics.Color) | 4292491698 (0xFFDA39B2) |
| YUV | 118.9330, 29.1200, 86.8818 |
| Hunter-Lab | 45.8760, 69.1771, -24.9555 |

Details

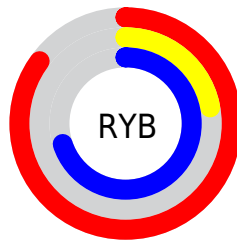
The YUV color **118.9330, 29.1200, 86.8818** is a light color, and the websafe version is hex **CC0099**. The color can be described as light muted rose. A complement of this color would be **156.0670, -29.1200, -86.8818**, and the grayscale version is **119.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **172.7740, 30.1844, 72.1122**, and **61.7910, 31.1620, 85.2523** is the 20% darker color. If you saturate the color by 10%, you get **105.4490, 33.3026, 98.7072**, and if you desaturate by 10%, it is **132.4170, 24.9374, 75.0563**.

Distribution



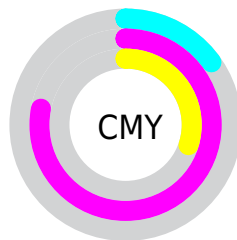
- Red (85%)
- Green (22%)
- Blue (70%)



- Red (85%)
- Yellow (22%)
- Blue (70%)



- Cyan (0%)
- Magenta (74%)
- Yellow (18%)
- Black (15%)





- Cyan (15%)
- Magenta (78%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the YUV color 118.9330, 29.1200, 86.8818 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 118.9330, 29.1200, 86.8818 by changing the saturation by 10% instead.


 118.9330, 29.1200,
86.8818


 118.9330, 29.1200,
86.8818


255.0000, 0.0000,
0.0000


 78.7090, 35.6395,
95.8482


 172.7740, 30.1844,
72.1122


 61.7910, 31.1620,
85.2523


 192.1910, 30.9648,
55.0835

 50.2700, 24.5169,
69.9232

 209.2140, 22.5725,
40.1543

 39.0480, 17.7243,
55.2089

 226.8240, 13.8908,
24.7104

 28.0540, 11.8054,
40.2946

 243.8470, 5.4984,
9.7812

 17.1740, 6.3232,
25.2804

 0.0000, 0.0000,

0.0000

■ 118.9330, 29.1200,
86.8818

■ 118.9330, 29.1200,
86.8818

■ 105.4490, 33.3026,
98.7072

■ 132.4170, 24.9374,
75.0563

■ 91.8510, 37.0485,
110.6327

■ 146.0150, 21.1916,
63.1308

■ 83.8780, 39.5001,
117.6250

■ 158.9120, 17.2984,
51.8202

■ 172.5100, 13.5526,
39.8947

■ 185.9940, 9.3700,
28.0693

■ 199.4780, 5.1873,
16.2438

■ 213.0760, 1.4415,
4.3183

■ 225.9730, -2.4517,
-6.9923

■ 239.5710, -6.1975,
-18.9178

Harmonies

Analogous

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



128.9270, 51.3080, 16.7270



118.9330, 29.1200, 86.8818



104.4970, 3.6990, 120.5901

Triad

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



118.9330, 29.1200, 86.8818



117.2730, -57.8156, 17.3006



114.1100, 46.2878, -100.0745

Complementary

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



118.9330, 29.1200, 86.8818



156.0670, -29.1200, -86.8818

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.



107.4010, 18.0433, -94.1907



118.9330, 29.1200, 86.8818



103.0550, -50.8061, -37.7592

Square

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



118.9330, 29.1200, 86.8818



118.4560, -58.3988, 64.4981



97.5460, -12.1012, -85.5478



115.0170, 67.5326, -100.8699

Rectangle

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



118.9330, 29.1200, 86.8818



110.3130, -20.8603, 111.1045



97.5460, -12.1012, -85.5478



112.4170, 37.2624, -98.5897

Sweetspot

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



118.9330, 29.1200, 86.8818



220.5320, 10.0907, 30.2284



86.7160, 64.7230, 7.2651



107.0160, 5.9081, 18.4030



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.



118.9330, 29.1200, 86.8818



115.3670, 41.2311, 122.4581



110.0410, -4.9502, 94.6800



103.2010, 1.8729, 5.9627



66.5470, 31.2823, 93.3593



17.6300, 8.0704, 24.8805

Inverse Universe

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



118.9330, 29.1200, 86.8818



115.3670, 41.2311, 122.4581



164.9590, 4.9502, -94.6800



103.2010, 1.8729, 5.9627



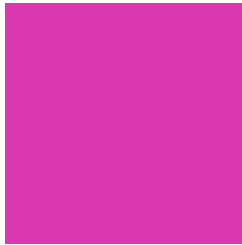
66.5470, 31.2823, 93.3593



17.6300, 8.0704, 24.8805

Previews

White Background



This preview shows how the YUV color 118.9330, 29.1200, 86.8818 looks on a white background.

Color Contrast Check

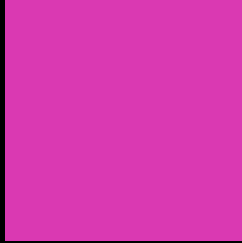
Large Text (above 18pt) WCAG AA ✓ Pass

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 118.9330, 29.1200, 86.8818 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

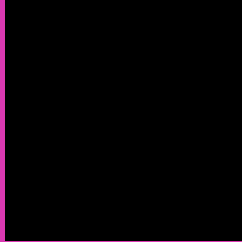
Any Text WCAG AA ✓ Pass

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 118.9330, 29.1200, 86.8818 Background



This preview shows how black text looks on a background with the YUV color 118.9330, 29.1200, 86.8818.



This preview shows how white text looks on a background with the YUV color 118.9330, 29.1200, 86.8818.

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

118.9330, 29.1200, 86.8818

Protanopia

121.0630, 54.6919, -42.1513

Deuteranopia

127.6240, 20.3984, -9.3172



Tritanopia

123.0590, -15.8051, 76.2473

Trichromacy



Original Color

118.9330, 29.1200, 86.8818



Protanomaly

120.5420, 45.0888, 4.7867



Deuteranomaly

124.3540, 23.4895, 25.9995



Tritanomaly

121.7340, 0.6241, 80.0403

Monochromacy



Original Color

118.9330, 29.1200, 86.8818



Achromatopsia

119.0000, 0.0000, 0.0000



Achromatomaly

118.6570, 10.5221, 31.8728

CSS Examples

Text

The CSS property to change the color of the text to YUV 118.9330, 29.1200, 86.8818 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(218, 57, 178)` looks like.

```
.text, #text, p{  
    color:rgb(218, 57, 178)  
}
```

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(218, 57, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 57, 178) }
```

Border

The CSS property to change the border of an element to YUV 118.9330, 29.1200, 86.8818 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(218, 57, 178) }
```


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

```
.border{ border-color:rgb(218, 57, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 57, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 57, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 57, 178);  
box-shadow:4px 4px 4px 4px rgb(218, 57,  
178) }
```

Background

The CSS property to change the background color of an element to YUV 118.9330, 29.1200, 86.8818 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 57, 178) }
```

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

```
.background{ background-color: rgb(218, 57,  
178) }
```

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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