

Converting Colors

YUV(108.0180, 57.1791,
93.8232)

Have a look what the booklet for
YUV(108.0180, 57.1791, 93.8232)
contains.

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Color

**YUV(108.0180, 57.1791,
93.8232)**

Conversions

Conversions Part 1

Format	Color
Hex	D71FE0
RGB	215, 31, 224
RGB Percent	84%, 12%, 88%
CMY	0.1569, 0.8784, 0.1216
CMYK	0.04, 0.86, 0.00, 0.12
HSL	297°, 76%, 50%
HSV	297°, 86%, 88%
XYZ	41.9689, 20.8089, 72.3255
YIQ	108.0180, 47.7110, 99.0310

Conversions

Conversions Part 2

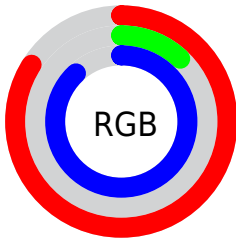
Format	Color
R _Y B	215, 31, 224
Decimal	14098400
CIE Lab	52.74, 84.45, -55.99
CIE LCh	53, 101.325, 326.457
Yxy	20.8089, 0.3106, 0.1540
Android (android.graphics.Color)	4292288480 (0xFFD71FE0)
YUV	108.0180, 57.1791, 93.8232
Hunter-Lab	45.6167, 84.3965, -62.0728

Details

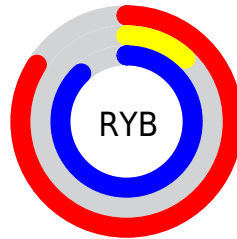
The YUV color **108.0180, 57.1791, 93.8232** is a light color, and the websafe version is hex **CC00CC**. The color can be described as light washed magenta. A complement of this color would be **146.9820, -57.1791, -93.8232**, and the grayscale version is **107.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **166.9500, 43.4087, 77.2199**, and **65.4970, 50.5340, 78.4941** is the 20% darker color. If you saturate the color by 10%, you get **94.8050, 63.6931, 104.5340**, and if you desaturate by 10%, it is **121.2310, 50.6651, 83.1124**.

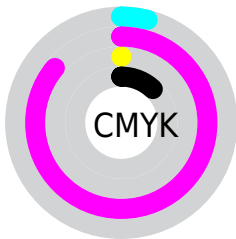
Distribution



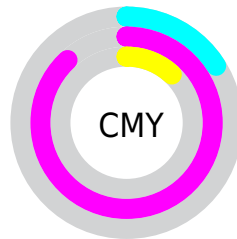
- Red (84%)
- Green (12%)
- Blue (88%)



- Red (84%)
- Yellow (12%)
- Blue (88%)



- Cyan (4%)
- Magenta (86%)
- Yellow (0%)
- Black (12%)





- Cyan (16%)
- Magenta (88%)
- Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the YUV color 108.0180, 57.1791, 93.8232 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 108.0180, 57.1791, 93.8232 by changing the saturation by 10% instead.


 108.0180, 57.1791,
93.8232


 108.0180, 57.1791,
93.8232


255.0000, 0.0000,
0.0000


 77.6590, 58.3421,
94.1381


 166.9500, 43.4087,
77.2199


 65.4970, 50.5340,
78.4941

 185.1470, 34.4375,
61.2611

 53.7480, 43.0152,
63.3650


 202.7570, 25.7558,
45.8171

 41.9990, 35.4965,
48.2359

 220.3670, 17.0741,
30.3731

 30.7770, 28.7039,
33.5216

 237.9770, 8.3923,
14.9292

 19.0710, 22.6430,
17.4777

 4.6740, 17.9087,

-4.0991

■ 2.7530, 8.0098,
-2.4144

■ 0.0000, 0.0000,
0.0000

■ 108.0180, 57.1791,
93.8232

■ 108.0180, 57.1791,
93.8232

■ 94.8050, 63.6931,
104.5340

■ 121.2310, 50.6651,
83.1124

■ 89.5220, 66.2977,
109.1672

■ 135.0310, 43.8617,
71.8868

■ 148.2440, 37.3477,
61.1760

■ 162.0440, 30.5443,
49.9504

■ 175.2570, 24.0303,
39.2396

■ 188.4700, 17.5163,
28.5288

■ 202.2700, 10.7129,
17.3032

■ 215.4830, 4.1989,
6.5924

■ 229.2830, -2.6045,
-4.6332

Harmonies

Analogous

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



109.2100, 71.8745, -46.6652



108.0180, 57.1791, 93.8232



92.2050, 23.5629, 142.7712

Triad

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



108.0180, 57.1791, 93.8232



118.8780, -58.6069, 37.8180



116.9480, 41.9306, -102.5634

Complementary

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



108.0180, 57.1791, 93.8232



146.9820, -57.1791, -93.8232

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.



105.6280, 3.6344, -92.6358



108.0180, 57.1791, 93.8232



106.3660, -52.4384, -27.5080

Square

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



108.0180, 57.1791, 93.8232



110.7130, -54.5815, 100.2297



90.3980, -44.5662, -79.2790



121.2290, 65.9491, -106.3178

Rectangle

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



108.0180, 57.1791, 93.8232



85.7070, -1.3346, 148.4700



90.3980, -44.5662, -79.2790



113.6420, 29.2635, -99.6640

Sweetspot

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



108.0180, 57.1791, 93.8232



215.3610, 19.5420, 32.1324



58.8720, 81.4081, -24.4437



103.9220, 11.8705, 19.3624



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.



108.0180, 57.1791, 93.8232



101.7270, 75.5636, 123.8964



100.7910, 17.8510, 108.0543



105.5430, 3.1833, 5.6628



70.2960, 52.1121, 85.6864



19.2260, 14.1856, 23.4808

Inverse Universe

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



89.7330, -24.5184, 117.7522



77.6130, -32.3472, 155.5684



154.2090, -17.8510, -108.0543



104.4030, -1.1847, 6.6626



53.5360, -22.4492, 107.4009



14.5800, -6.2019, 29.3093

Previews

White Background



This preview shows how the YUV color 108.0180, 57.1791, 93.8232 looks on a white background.

Color Contrast Check

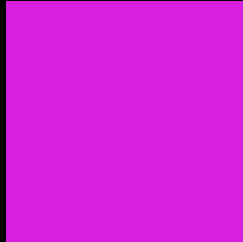
Large Text (above 18pt) WCAG AA ✓ Pass

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 108.0180, 57.1791, 93.8232 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

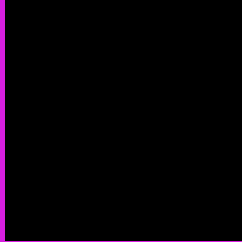
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 108.0180, 57.1791, 93.8232

Background



This preview shows how black text looks on a background with the YUV color 108.0180, 57.1791, 93.8232.



This preview shows how white text looks on a background with the YUV color 108.0180, 57.1791, 93.8232.

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

108.0180, 57.1791, 93.8232

Protanopia

108.7570, 72.0978, -71.7009

Deuteranopia

119.2340, 45.2406, -44.0552



Tritanopia

124.2750, -13.4466, 66.4108

Trichromacy



Original Color

108.0180, 57.1791, 93.8232



Protanomaly

108.4640, 66.8192, -11.8079



Deuteranomaly

115.1060, 49.7407, 6.0460



Tritanomaly

118.1000, 12.2757, 76.2113

Monochromacy



Original Color

108.0180, 57.1791, 93.8232



Achromatopsia

108.0000, 0.0000, 0.0000



Achromatomaly

108.0130, 20.6996, 34.1916

CSS Examples

Text

The CSS property to change the color of the text to YUV 108.0180, 57.1791, 93.8232 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(215, 31, 224)` looks like.

```
.text, #text, p{  
    color:rgb(215, 31, 224)  
}
```

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(215, 31, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 31, 224) }
```

Border

The CSS property to change the border of an element to YUV 108.0180, 57.1791, 93.8232 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(215, 31, 224) }
```


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

```
.border{ border-color:rgb(215, 31, 224) }
```

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

Here you see how a box with a 4 pixel rgb(215, 31, 224) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 31, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 31, 224);  
box-shadow:4px 4px 4px 4px rgb(215, 31,  
224) }
```

Background

The CSS property to change the background color of an element to YUV 108.0180, 57.1791, 93.8232 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 31, 224) }
```

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

```
.background{ background-color: rgb(215, 31,  
224) }
```

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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