

Converting Colors

YUV(118.9120, 64.6264,
85.1462)

Have a look what the booklet for
YUV(118.9120, 64.6264, 85.1462)
contains.

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Color

**YUV(118.9120, 64.6264,
85.1462)**

Conversions

Conversions Part 1

Format	Color
Hex	D82CFA
RGB	216, 44, 250
RGB Percent	85%, 17%, 98%
CMY	0.1529, 0.8275, 0.0196
CMYK	0.14, 0.82, 0.00, 0.02
HSL	290°, 95%, 58%
HSV	290°, 82%, 98%
XYZ	46.4749, 23.3024, 92.4908
YIQ	118.9120, 36.3860, 100.5300

Conversions

Conversions Part 2

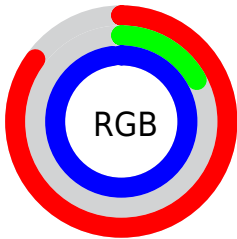
Format	Color
R _{YB}	216, 44, 250
Decimal	14167290
CIE _{Lab}	55.38, 86.23, -66.34
CIE _{LCh}	55, 108.793, 322.427
Yxy	23.3024, 0.2864, 0.1436
Android (android.graphics.Color)	4292357370 (0xFFD82CFA)
YUV	118.9120, 64.6264, 85.1462
Hunter-Lab	48.2726, 87.3756, -79.8095

Details

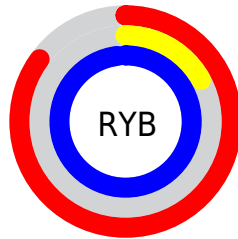
The YUV color **118.9120, 64.6264, 85.1462** is a light color, and the websafe version is hex **CC33FF**. The color can be described as light washed magenta. A complement of this color would be **175.0880, -64.6264, -85.1462**, and the grayscale version is **118.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **171.6460, 41.0935, 73.1015**, and **68.5320, 60.8697, 76.7094** is the 20% darker color. If you saturate the color by 10%, you get **103.0410, 72.4508, 95.5570**, and if you desaturate by 10%, it is **134.7830, 56.8020, 74.7353**.

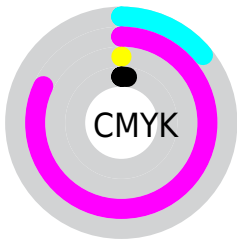
Distribution



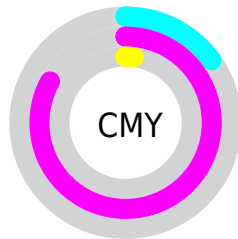
- Red (85%)
- Green (17%)
- Blue (98%)



- Red (85%)
- Yellow (17%)
- Blue (98%)



- Cyan (14%)
- Magenta (82%)
- Yellow (0%)
- Black (2%)





- Cyan (15%)
- Magenta (83%)
- Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the YUV color 118.9120, 64.6264, 85.1462 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 118.9120, 64.6264, 85.1462 by changing the saturation by 10% instead.


 118.9120, 64.6264,
85.1462


 118.9120, 64.6264,
85.1462


255.0000, 0.0000,
0.0000


 80.8080, 69.1147,
92.2534


 171.6460, 41.0935,
73.1015


 68.5320, 60.8697,
76.7094


 189.2560, 32.4118,
57.6575

 56.4840, 53.4984,
60.9655


 206.8660, 23.7301,
42.2135

 44.6210, 45.5428,
45.9364

 224.4760, 15.0483,
26.7695

 32.6870, 38.6083,
30.0925

 242.6730, 6.0772,
10.8108

 20.5680, 32.2580,
13.5339

 6.9540, 26.6447,

-6.0987

■ 6.0930, 15.7302,
-5.3436

■ 2.2970, 6.2626,
-2.0145

■ 118.9120, 64.6264,
85.1462

■ 118.9120, 64.6264,
85.1462

■ 103.0410, 72.4508,
95.5570

■ 134.7830, 56.8020,
74.7353

■ 90.9910, 78.3914,
103.4939

■ 150.6540, 48.9776,
64.3244

■ 166.5250, 41.1532,
53.9136

■ 182.6950, 33.1814,
44.1175

198.5660, 25.3570,
33.7066

214.4370, 17.5326,
23.2958

230.3080, 9.7082,
12.8849

246.1790, 1.8838,
2.4740

253.8320, -1.8892,
-0.7297

Harmonies

Analogous

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



99.5100, 76.6566, -87.2703



118.9120, 64.6264, 85.1462



94.5990, 32.7357, 140.6717

Triad

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



118.9120, 64.6264, 85.1462



125.1460, -61.6970, 48.9840



122.3450, 39.7629, -107.2966

Complementary

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



118.9120, 64.6264, 85.1462



175.0880, -64.6264, -85.1462

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.



109.9990, -2.4645, -96.4691



118.9120, 64.6264, 85.1462



114.3840, -56.3913, -19.6308

Square

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



118.9120, 64.6264, 85.1462



111.4210, -54.9306, 118.9028



94.5070, -46.5920, -82.8826



127.0990, 63.0552, -111.4658

Rectangle

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



118.9120, 64.6264, 85.1462



87.5310, 5.6542, 146.8703



94.5070, -46.5920, -82.8826



118.6970, 25.7854, -104.0973

Sweetspot

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



118.9120, 64.6264, 85.1462



214.1430, 20.1425, 26.1846



87.4420, 80.1411, -38.0986



103.0140, 12.3181, 15.7737



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.



118.9120, 64.6264, 85.1462



94.5180, 79.1176, 103.9087



121.2120, 29.4755, 112.9471



116.7710, 4.0569, 5.4628



68.7880, 59.2645, 78.2389



22.2030, 19.1269, 25.2550

Inverse Universe

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



109.4700, -15.5147, 123.2448



83.0220, -19.2378, 150.8247



172.7880, -29.4755, -112.9471



116.2290, -0.6059, 7.6922



60.0450, -14.3192, 113.0935



19.3790, -4.6238, 36.5016

Previews

White Background



This preview shows how the YUV color 118.9120, 64.6264, 85.1462 looks on a white background.

Color Contrast Check

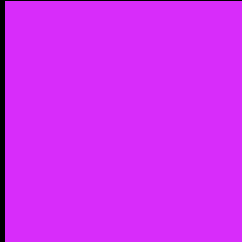
Large Text (above 18pt) WCAG AA ✓ Pass

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 118.9120, 64.6264, 85.1462 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

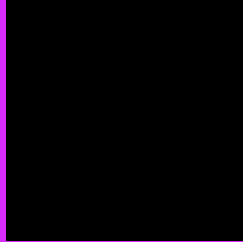
Any Text WCAG AA ✓ Pass

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 118.9120, 64.6264, 85.1462 Background



This preview shows how black text looks on a background with the YUV color 118.9120, 64.6264, 85.1462.



This preview shows how white text looks on a background with the YUV color 118.9120, 64.6264, 85.1462.

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

118.9120, 64.6264, 85.1462

Protanopia

121.8360, 65.6499, -56.8612

Deuteranopia

116.6140, 58.8573, -71.5755



Tritanopia

133.0180, -10.3619, 56.9892

Trichromacy



Original Color

118.9120, 64.6264, 85.1462



Protanomaly

120.7530, 65.1978, -5.0454



Deuteranomaly

117.5470, 60.8623, -14.5117



Tritanomaly

127.8970, 16.8128, 67.6193

Monochromacy



Original Color

118.9120, 64.6264, 85.1462



Achromatopsia

119.0000, 0.0000, 0.0000



Achromatomaly

119.0880, 23.6206, 30.6178

CSS Examples

Text

The CSS property to change the color of the text to YUV 118.9120, 64.6264, 85.1462 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(216, 44, 250)` looks like.

```
.text, #text, p{  
    color:rgb(216, 44, 250)  
}
```

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(216, 44, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 44, 250) }
```

Border

The CSS property to change the border of an element to YUV 118.9120, 64.6264, 85.1462 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(216, 44, 250) }
```


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

```
.border{ border-color:rgb(216, 44, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 44, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 44, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 44, 250);  
box-shadow:4px 4px 4px 4px rgb(216, 44,  
250) }
```

Background

The CSS property to change the background color of an element to YUV 118.9120, 64.6264, 85.1462 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 44, 250) }
```

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

```
.background{ background-color: rgb(216, 44,  
250) }
```

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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