

Converting Colors

YUV(118.9470, 65.1021,
119.3185)

Have a look what the booklet for
YUV(118.9470, 65.1021, 119.3185)
contains.

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Color

**YUV(118.9470, 65.1021,
119.3185)**

Conversions

Conversions Part 1

Format	Color
Hex	FF18FB
RGB	255, 24, 251
RGB Percent	100%, 9%, 98%
CMY	0.0000, 0.9059, 0.0157
CMYK	0.00, 0.91, 0.02, 0.00
HSL	301°, 100%, 55%
HSV	301°, 91%, 100%
XYZ	58.9792, 28.8783, 93.7323
YIQ	118.9470, 64.8090, 119.5690

Conversions

Conversions Part 2

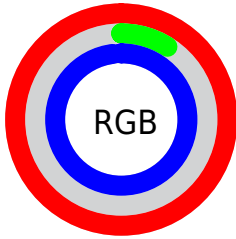
Format	Color
R_{YB}	255, 24, 251
Decimal	16718075
CIE _{Lab}	60.67, 95.98, -58.06
CIE _{LCh}	61, 112.174, 328.830
Yxy	28.8783, 0.3248, 0.1590
Android (android.graphics.Color)	4294908155 (0xFFFF18FB)
YUV	118.9470, 65.1021, 119.3185
Hunter-Lab	53.7385, 101.8652, -65.7984

Details

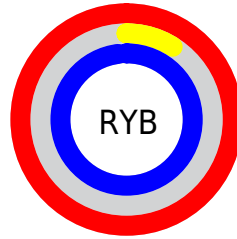
The YUV color **118.9470, 65.1021, 119.3185** is a light color, and the websafe version is hex **FF00FF**. The color can be described as light washed magenta. A complement of this color would be **160.0530, -65.1021, -119.3185**, and the grayscale version is **118.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **169.8850, 41.9617, 74.6459**, and **79.8230, 56.2893, 99.2562** is the 20% darker color. If you saturate the color by 10%, you get **104.8590, 72.0475, 131.6737**, and if you desaturate by 10%, it is **133.6220, 57.8674, 106.4485**.

Distribution



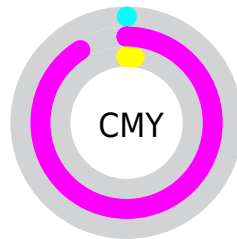
- Red (100%)
- Green (9%)
- Blue (98%)



- Red (100%)
- Yellow (9%)
- Blue (98%)



- Cyan (0%)
- Magenta (91%)
- Yellow (2%)
- Black (0%)



- Cyan (0%)
- Magenta (91%)
- Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the YUV color 118.9470, 65.1021, 119.3185 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 118.9470, 65.1021, 119.3185 by changing the saturation by 10% instead.


 118.9470, 65.1021,
119.3185


 118.9470, 65.1021,
119.3185


255.0000, 0.0000,
0.0000

 92.2840, 63.9500,
115.5149


 169.8850, 41.9617,
74.6459


 79.8230, 56.2893,
99.2562


 189.2560, 32.4118,
57.6575


 67.6610, 48.4811,
83.6123


 207.4530, 23.4407,
41.6987

 55.6130, 41.1098,
67.8684

 225.6500, 14.4696,
25.7400

 43.5650, 33.7385,
52.1245

 243.8470, 5.4984,
9.7812

 32.3430, 26.9459,
37.4102

 20.3380, 21.0324,

20.7516

■ 4.8590, 17.3245,
-3.3843

■ 2.5250, 7.1362,
-2.2144

■ 118.9470, 65.1021,
119.3185

■ 118.9470, 65.1021,
119.3185

■ 104.8590, 72.0475,
131.6737

■ 133.6220, 57.8674,
106.4485

■ 148.9980, 50.7800,
92.9638

■ 163.6730, 43.5452,
80.0938

■ 179.0490, 36.4578,
66.6090

193.7240, 29.2231,
53.7391

209.1000, 22.1357,
40.2543

224.3620, 14.6115,
26.8695

239.1510, 7.8136,
13.8996

253.8260, 0.5788,
1.0296

Harmonies

Analogous

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



129.9970, 61.6265, -26.3074



118.9470, 65.1021, 119.3185



93.9150, 30.1149, 141.2715

Triad

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



118.9470, 65.1021, 119.3185



137.4730, -67.7742, 38.1732



136.0690, 51.7310, -119.3325

Complementary

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



118.9470, 65.1021, 119.3185



160.0530, -65.1021, -119.3185

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.



123.9680, 7.9038, -108.7199



118.9470, 65.1021, 119.3185



121.0520, -59.6786, -38.6336

Square

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



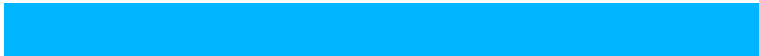
118.9470, 65.1021, 119.3185



130.8360, -64.5021, 108.8918



106.8970, -44.8122, -93.7487



135.3170, 59.0037, -118.6730

Rectangle

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



118.9470, 65.1021, 119.3185



86.6190, 2.1598, 147.6701



106.8970, -44.8122, -93.7487



132.3070, 37.3166, -116.0332

Sweetspot

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



118.9470, 65.1021, 119.3185



214.3830, 19.5312, 35.6211



51.5300, 100.3107, -20.6358



103.8190, 11.4282, 21.2067



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.



118.9470, 65.1021, 119.3185



104.8590, 72.0475, 131.6737



105.8370, 14.8704, 130.8160



120.2550, 3.3253, 6.7924



78.5410, 53.9633, 98.6265



26.3180, 18.0842, 33.0471

Inverse Universe

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



118.9470, 65.1021, 119.3185



104.8590, 72.0475, 131.6737



173.1630, -14.8704, -130.8160



120.2550, 3.3253, 6.7924



78.5410, 53.9633, 98.6265



26.3180, 18.0842, 33.0471

Previews

White Background



This preview shows how the YUV color 118.9470, 65.1021, 119.3185 looks on a white background.

Color Contrast Check

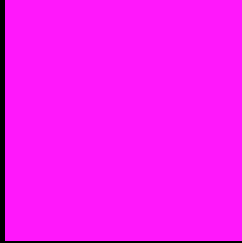
Large Text (above 18pt) WCAG AA ✓ Pass

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 118.9470, 65.1021, 119.3185 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

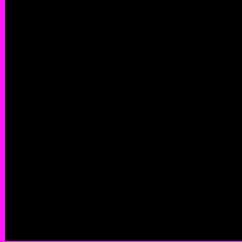
Any Text WCAG AA ✓ Pass

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 118.9470, 65.1021, 119.3185 Background



This preview shows how black text looks on a background with the YUV color 118.9470, 65.1021, 119.3185.



This preview shows how white text looks on a background with the YUV color 118.9470, 65.1021, 119.3185.

119.3185.

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

118.9470, 65.1021, 119.3185

Protanopia

141.1170, 56.1443, -41.3216

Deuteranopia

141.0000, 46.8350, -42.0960



Tritanopia

142.6580, -17.5794, 85.3689

Trichromacy



Original Color

118.9470, 65.1021, 119.3185



Protanomaly

133.4030, 59.4543, 17.1866



Deuteranomaly

132.7960, 53.3446, 16.8419



Tritanomaly

133.6450, 12.5000, 97.6583

Monochromacy



Original Color

118.9470, 65.1021, 119.3185



Achromatopsia

119.0000, 0.0000, 0.0000



Achromatomaly

118.5780, 23.8720, 43.3431

CSS Examples

Text

The CSS property to change the color of the text to YUV 118.9470, 65.1021, 119.3185 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(255, 24, 251)` looks like.

```
.text, #text, p{  
    color:rgb(255, 24, 251)  
}
```

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(255, 24, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 24, 251) }
```

Border

The CSS property to change the border of an element to YUV 118.9470, 65.1021, 119.3185 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(255, 24, 251) }
```


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

```
.border{ border-color:rgb(255, 24, 251) }
```

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

Here you see how a box with a 4 pixel rgb(255, 24, 251) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 24, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 24, 251);  
box-shadow:4px 4px 4px 4px rgb(255, 24,  
251) }
```

Background

The CSS property to change the background color of an element to YUV 118.9470, 65.1021, 119.3185 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 24, 251) }
```

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

```
.background{ background-color: rgb(255, 24,  
251) }
```

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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