

Converting Colors

YUV(116.5140, 58.4136,
117.9442)

Have a look what the booklet for
YUV(116.5140, 58.4136, 117.9442)
contains.

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Color

**YUV(116.5140, 58.4136,
117.9442)**

Conversions

Conversions Part 1

Format	Color
Hex	FB19EB
RGB	251, 25, 235
RGB Percent	98%, 10%, 92%
CMY	0.0157, 0.9020, 0.0784
CMYK	0.00, 0.90, 0.06, 0.02
HSL	304°, 97%, 54%
HSV	304°, 90%, 98%
XYZ	55.1267, 27.2026, 80.9424
YIQ	116.5140, 67.2860, 113.2220

Conversions

Conversions Part 2

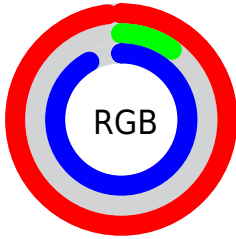
Format	Color
R _Y B	251, 25, 235
Decimal	16456171
CIE Lab	59.16, 93.00, -51.59
CIE LCh	59, 106.354, 330.984
Yxy	27.2026, 0.3376, 0.1666
Android (android.graphics.Color)	4294646251 (0xFFFB19EB)
YUV	116.5140, 58.4136, 117.9442
Hunter-Lab	52.1562, 97.3931, -55.5043

Details

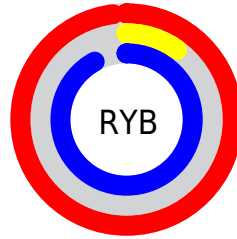
The YUV color **116.5140, 58.4136, 117.9442** is a light color, and the websafe version is hex **FF33FF**. The color can be described as light washed magenta. A complement of this color would be **159.4860, -58.4136, -117.9442**, and the grayscale version is **116.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **169.2980, 42.2511, 75.1607**, and **77.1020, 49.7427, 99.0115** is the 20% darker color. If you saturate the color by 10%, you get **101.6110, 64.7748, 131.0142**, and if you desaturate by 10%, it is **131.4170, 52.0524, 104.8743**.

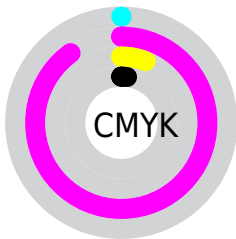
Distribution



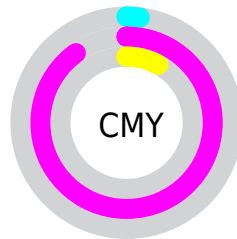
- Red (98%)
- Green (10%)
- Blue (92%)



- Red (98%)
- Yellow (10%)
- Blue (92%)



- Cyan (0%)
- Magenta (90%)
- Yellow (6%)
- Black (2%)





- Cyan (2%)
- Magenta (90%)
- Yellow (8%)

Brightness & Saturation Gradients


These gradients show how the YUV color 116.5140, 58.4136, 117.9442 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 116.5140, 58.4136, 117.9442 by changing the saturation by 10% instead.


 116.5140, 58.4136,
117.9442


 116.5140, 58.4136,
117.9442

255.0000, 0.0000,
0.0000


 89.2640, 57.5508,
114.6555


 169.2980, 42.2511,
75.1607


 77.1020, 49.7427,
99.0115


 188.0820, 32.9906,
58.6871

 64.7550, 42.5188,
82.6529


 206.8660, 23.7301,
42.2135

 53.1200, 35.4368,
67.4238

 224.4760, 15.0483,
26.7695

 41.1860, 28.5023,
51.5799

 242.6730, 6.0772,
10.8108

 30.2630, 21.5623,
37.4803

 18.2580, 15.6488,

20.8217

■ 3.1920, 12.2303,
-2.7994

■ 0.0000, 0.0000,
0.0000

■ 116.5140, 58.4136,
117.9442

■ 116.5140, 58.4136,
117.9442

■ 101.6110, 64.7748,
131.0142

■ 131.4170, 52.0524,
104.8743

■ 146.3200, 45.6912,
91.8044

■ 161.1090, 38.8933,
78.8344

■ 176.0120, 32.5321,
65.7645

■ 191.5020, 25.8815,
52.1797

■ 206.4050, 19.5203,
39.1098

■ 221.1940, 12.7224,
26.1399

■ 236.0970, 6.3612,
13.0699

■ 251.0000, 0.0000,
0.0000

Harmonies

Analogous

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



132.7540, 60.2673, -10.3083



116.5140, 58.4136, 117.9442



92.6610, 25.3101, 142.3713

Triad

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



116.5140, 58.4136, 117.9442



133.3090, -65.7213, 33.0550



132.2050, 52.1569, -115.9438

Complementary

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



116.5140, 58.4136, 117.9442



159.4860, -58.4136, -117.9442

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.



120.7880, 10.9505, -105.9311



116.5140, 58.4136, 117.9442



116.3120, -57.3418, -41.4926

Square

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



116.5140, 58.4136, 117.9442



129.2970, -63.7434, 98.8405



106.2420, -34.6293, -93.1742



131.2080, 61.0295, -115.0694

Rectangle

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



116.5140, 58.4136, 117.9442



85.7070, -1.3346, 148.4700



106.2420, -34.6293, -93.1742



128.7850, 39.0530, -112.9444

Sweetspot

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



116.5140, 58.4136, 117.9442



213.9270, 17.7840, 36.0210



55.2490, 96.5052, -13.3734



103.5910, 10.5546, 21.4067



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.



116.5140, 58.4136, 117.9442



103.2630, 65.9323, 133.0733



103.7460, 9.4922, 129.1418



117.2550, 3.3253, 6.7924



76.4610, 48.5797, 98.6967



24.7370, 15.9057, 31.8027

Inverse Universe

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



116.5140, 58.4136, 117.9442



103.2630, 65.9323, 133.0733



172.2540, -9.4922, -129.1418



117.2550, 3.3253, 6.7924



76.4610, 48.5797, 98.6967



24.7370, 15.9057, 31.8027

Previews

White Background



This preview shows how the YUV color 116.5140, 58.4136, 117.9442 looks on a white background.

Color Contrast Check

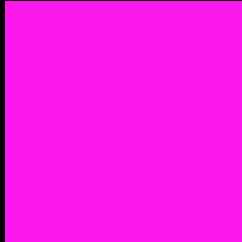
Large Text (above 18pt) WCAG AA ✓ Pass

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 116.5140, 58.4136, 117.9442 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

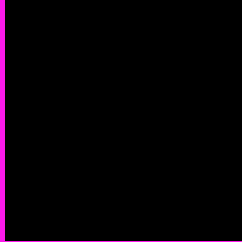
Any Text WCAG AA ✓ Pass

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 116.5140, 58.4136, 117.9442 Background



This preview shows how black text looks on a background with the YUV color 116.5140, 58.4136, 117.9442.



This preview shows how white text looks on a background with the YUV color 116.5140, 58.4136, 117.9442.

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

116.5140, 58.4136, 117.9442

Protanopia

136.0780, 58.6285, -44.7954

Deuteranopia

139.0460, 40.4033, -32.4893



Tritanopia

137.4410, -18.4584, 87.3132

Trichromacy



Original Color

116.5140, 58.4136, 117.9442



Protanomaly

129.1530, 58.5916, 13.8978



Deuteranomaly

130.5210, 47.0711, 22.3451



Tritanomaly

129.8470, 9.4424, 98.3582

Monochromacy



Original Color

116.5140, 58.4136, 117.9442



Achromatopsia

117.0000, 0.0000, 0.0000



Achromatomaly

117.1820, 21.1093, 42.8134

CSS Examples

Text

The CSS property to change the color of the text to YUV 116.5140, 58.4136, 117.9442 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(251, 25, 235)` looks like.

```
.text, #text, p{  
    color:rgb(251, 25, 235)  
}
```

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(251, 25, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 25, 235) }
```

Border

The CSS property to change the border of an element to YUV 116.5140, 58.4136, 117.9442 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(251, 25, 235) }
```


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

```
.border{ border-color:rgb(251, 25, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 25, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 25, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 25, 235);  
box-shadow:4px 4px 4px 4px rgb(251, 25,  
235) }
```

Background

The CSS property to change the background color of an element to YUV 116.5140, 58.4136, 117.9442 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 25, 235) }
```

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

```
.background{ background-color: rgb(251, 25,  
235) }
```

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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