

Converting Colors

YUV(112.9250, 65.1130,
115.8298)

Have a look what the booklet for
YUV(112.9250, 65.1130, 115.8298)
contains.

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Color

**YUV(112.9250, 65.1130,
115.8298)**

Conversions

Conversions Part 1

Format	Color
Hex	F514F5
RGB	245, 20, 245
RGB Percent	96%, 8%, 96%
CMY	0.0392, 0.9216, 0.0392
CMYK	0.00, 0.92, 0.00, 0.04
HSL	300°, 92%, 52%
HSV	300°, 92%, 96%
XYZ	54.3878, 26.5054, 88.6357
YIQ	112.9250, 61.8750, 117.6750

Conversions

Conversions Part 2

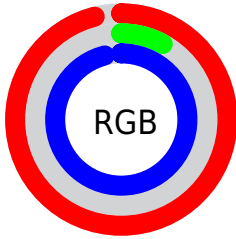
Format	Color
R _Y B	245, 20, 245
Decimal	16061685
CIE Lab	58.51, 93.93, -58.27
CIE LCh	59, 110.533, 328.184
Yxy	26.5054, 0.3208, 0.1563
Android (android.graphics.Color)	4294251765 (0xFFFF514F5)
YUV	112.9250, 65.1130, 115.8298
Hunter-Lab	51.4834, 98.4741, -66.0376

Details

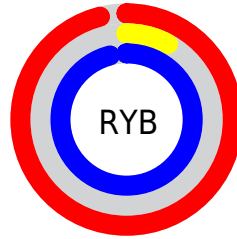
The YUV color **112.9250, 65.1130, 115.8298** is a light color, and the websafe version is hex **FF33FF**. The color can be described as light washed magenta. A complement of this color would be **152.0750, -65.1130, -115.8298**, and the grayscale version is **112.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **168.1240, 42.8299, 76.1903**, and **76.4480, 54.9951, 94.3231** is the 20% darker color. If you saturate the color by 10%, you get **101.1850, 70.9008, 126.1258**, and if you desaturate by 10%, it is **127.6000, 57.8782, 102.9598**.

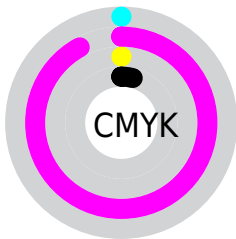
Distribution



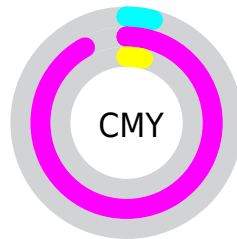
- Red (96%)
- Green (8%)
- Blue (96%)



- Red (96%)
- Yellow (8%)
- Blue (96%)



- Cyan (0%)
- Magenta (92%)
- Yellow (0%)
- Black (4%)





- Cyan (4%)
- Magenta (92%)
- Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the YUV color 112.9250, 65.1130, 115.8298 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 112.9250, 65.1130, 115.8298 by changing the saturation by 10% instead.


 112.9250, 65.1130,
115.8298


 112.9250, 65.1130,
115.8298


255.0000, 0.0000,
0.0000


 88.6100, 62.8033,
109.9670


 168.1240, 42.8299,
76.1903


 76.4480, 54.9951,
94.3231


 186.9080, 33.5694,
59.7167

 64.2860, 47.1870,
78.6792


 205.6920, 24.3088,
43.2431

 52.2380, 39.8157,
62.9353

 223.3020, 15.6271,
27.7991

 40.3040, 32.8811,
47.0914

 241.4990, 6.6560,
11.8404

 29.0820, 26.0886,
32.3771

 16.7780, 20.3224,

15.1037

■ 4.5770, 14.9985,
-4.0140

■ 1.1400, 4.3680,
-0.9998

■ 112.9250, 65.1130,
115.8298

■ 112.9250, 65.1130,
115.8298

■ 101.1850, 70.9008,
126.1258

■ 127.6000, 57.8782,
102.9598

■ 141.6880, 50.9328,
90.6046

■ 156.3630, 43.6980,
77.7346

■ 170.4510, 36.7527,
65.3795

■ 185.1260, 29.5179,
52.5095

■ 199.2140, 22.5725,
40.1543

■ 213.8890, 15.3377,
27.2843

■ 227.9770, 8.3923,
14.9292

■ 242.6520, 1.1576,
2.0592

Harmonies

Analogous

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



123.4630, 64.8477, -32.8551



112.9250, 65.1130, 115.8298



93.4590, 28.3677, 141.6715

Triad

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



112.9250, 65.1130, 115.8298



132.4560, -65.3008, 38.1881



130.8200, 49.3887, -114.7291

Complementary

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



112.9250, 65.1130, 115.8298



152.0750, -65.1130, -115.8298

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.



118.9470, 6.4351, -104.3165



112.9250, 65.1130, 115.8298



116.3450, -57.3581, -36.2596

Square

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



112.9250, 65.1130, 115.8298



125.2210, -61.7340, 107.6772



101.1920, -48.9017, -88.7454



131.2080, 61.0295, -115.0694

Rectangle

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



112.9250, 65.1130, 115.8298



86.2770, 0.8494, 147.9701



101.1920, -48.9017, -88.7454



127.1720, 35.4112, -111.5298

Sweetspot

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



112.9250, 65.1130, 115.8298



213.3230, 20.5468, 36.5507



45.6500, 98.2796, -22.4950



102.1720, 12.7332, 22.6512



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.



112.9250, 65.1130, 115.8298



105.3150, 73.7947, 131.2737



100.1570, 16.1916, 127.0273



114.9560, 3.4727, 6.1776



76.8180, 53.8267, 95.7526



24.3670, 17.0741, 30.3731

Inverse Universe

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



112.9250, 65.1130, 115.8298



105.3150, 73.7947, 131.2737



164.9570, -15.7548, -127.1273



114.9560, 3.4727, 6.1776



76.8180, 53.8267, 95.7526



24.3670, 17.0741, 30.3731

Previews

White Background



This preview shows how the YUV color 112.9250, 65.1130, 115.8298 looks on a white background.

Color Contrast Check

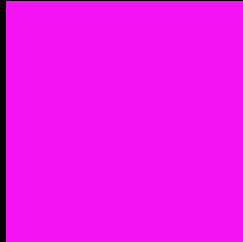
Large Text (above 18pt) WCAG AA ✓ Pass

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 112.9250, 65.1130, 115.8298 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

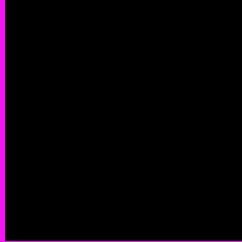
Any Text WCAG AA ✓ Pass

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 112.9250, 65.1130, 115.8298 Background



This preview shows how black text looks on a background with the YUV color 112.9250, 65.1130, 115.8298.



This preview shows how white text looks on a background with the YUV color 112.9250, 65.1130, 115.8298.

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

112.9250, 65.1130, 115.8298

Protanopia

134.2950, 59.5076, -46.7397

Deuteranopia

135.2880, 46.6930, -43.2256



Tritanopia

137.5650, -16.5475, 81.0655

Trichromacy



Original Color

112.9250, 65.1130, 115.8298

Protanomaly

126.5380, 61.3598, 12.6832

Deuteranomaly

127.3720, 53.0606, 14.5828

Tritanomaly

128.4380, 13.0951, 93.4549

Monochromacy



Original Color

112.9250, 65.1130, 115.8298

Achromatopsia

113.0000, 0.0000, 0.0000

Achromatomaly

112.8660, 23.7301, 42.2135

CSS Examples

Text

The CSS property to change the color of the text to YUV 112.9250, 65.1130, 115.8298 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(245, 20, 245)` looks like.

```
.text, #text, p{  
    color:rgb(245, 20, 245)  
}
```

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(245, 20, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 20, 245) }
```

Border

The CSS property to change the border of an element to YUV 112.9250, 65.1130, 115.8298 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(245, 20, 245) }
```


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

```
.border{ border-color:rgb(245, 20, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 20, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 20, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 20, 245);  
box-shadow:4px 4px 4px 4px rgb(245, 20,  
245) }
```

Background

The CSS property to change the background color of an element to YUV 112.9250, 65.1130, 115.8298 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 20, 245) }
```

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

```
.background{ background-color: rgb(245, 20,  
245) }
```

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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