

Converting Colors

YUV(114.0780, 59.6145,
106.0486)

Have a look what the booklet for
YUV(114.0780, 59.6145, 106.0486)
contains.

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Color

**YUV(114.0780, 59.6145,
106.0486)**

Conversions

Conversions Part 1

Format	Color
Hex	EB1DEB
RGB	235, 29, 235
RGB Percent	92%, 11%, 92%
CMY	0.0784, 0.8863, 0.0784
CMYK	0.00, 0.88, 0.00, 0.08
HSL	300°, 84%, 52%
HSV	300°, 88%, 92%
XYZ	49.6957, 24.5391, 80.7145
YIQ	114.0780, 56.6500, 107.7380

Conversions

Conversions Part 2

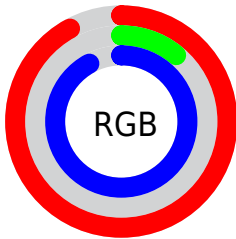
Format	Color
R _Y B	235, 29, 235
Decimal	15408619
CIE Lab	56.62, 89.77, -55.79
CIE LCh	57, 105.699, 328.140
Yxy	24.5391, 0.3207, 0.1584
Android (android.graphics.Color)	4293598699 (0xFFEB1DEB)
YUV	114.0780, 59.6145, 106.0486
Hunter-Lab	49.5369, 92.3826, -61.9302

Details

The YUV color **114.0780, 59.6145, 106.0486** 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 **149.9220, -59.6145, -106.0486**, and the grayscale version is **113.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **168.7110, 42.5405, 75.6755**, and **72.3180, 52.1012, 89.1751** is the 20% darker color. If you saturate the color by 10%, you get **100.5770, 66.2705, 117.8890**, and if you desaturate by 10%, it is **128.1660, 52.6692, 93.6934**.

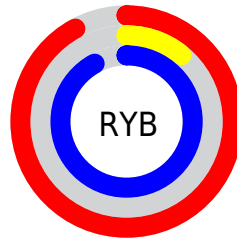
Distribution



Red (92%)

Green (11%)

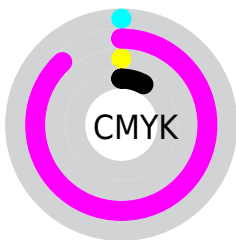
Blue (92%)



Red (92%)

Yellow (11%)

Blue (92%)

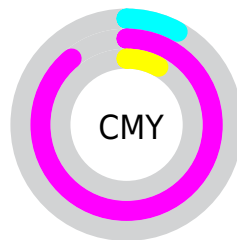


Cyan (0%)

Magenta (88%)

Yellow (0%)

Black (8%)



Cyan (8%)


Magenta (89%)

Yellow (8%)

Brightness & Saturation Gradients


These gradients show how the YUV color 114.0780, 59.6145, 106.0486 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 114.0780, 59.6145, 106.0486 by changing the saturation by 10% instead.


 114.0780, 59.6145,
106.0486


 114.0780, 59.6145,
106.0486


255.0000, 0.0000,
0.0000


 84.4800, 59.9094,
104.8190


 168.7110, 42.5405,
75.6755


 72.3180, 52.1012,
89.1751


 186.9080, 33.5694,
59.7167

 60.5690, 44.5825,
74.0460


 205.1050, 24.5982,
43.7579

 48.5210, 37.2111,
58.3021

 223.3020, 15.6271,
27.7991

 37.0000, 30.5660,
42.9730

 240.9120, 6.9454,
12.3552

 25.7780, 23.7734,
28.2587

 13.4740, 18.0073,

10.9853

■ 3.7790, 11.9410,
-3.3142

■ 0.0000, 0.0000,
0.0000

■ 114.0780, 59.6145,
106.0486

■ 114.0780, 59.6145,
106.0486

■ 100.5770, 66.2705,
117.8890

■ 128.1660, 52.6692,
93.6934

■ 97.0550, 68.0069,
120.9778

■ 141.6670, 46.0132,
81.8530

■ 155.7550, 39.0678,
69.4979

■ 169.2560, 32.4118,
57.6575

■ 183.3440, 25.4664,
45.3023

■ 196.8450, 18.8104,
33.4619

■ 210.9330, 11.8650,
21.1068

■ 224.4340, 5.2090,
9.2664

■ 238.5220, -1.7363,
-3.0888

Harmonies

Analogous

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



121.7020, 65.7159, -31.3107



114.0780, 59.6145, 106.0486



92.8890, 26.1837, 142.1713

Triad

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



114.0780, 59.6145, 106.0486



127.7270, -62.9694, 37.0734



126.1580, 46.7571, -110.6406

Complementary

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



114.0780, 59.6145, 106.0486



149.9220, -59.6145, -106.0486

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.



114.8550, 5.9875, -100.7278



114.0780, 59.6145, 106.0486



113.4100, -55.9111, -33.6856

Square

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



114.0780, 59.6145, 106.0486



121.0570, -59.6811, 102.5590



98.4680, -44.1077, -86.3564



127.6860, 62.7658, -111.9806

Rectangle

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



114.0780, 59.6145, 106.0486



86.0490, -0.0242, 148.1700



98.4680, -44.1077, -86.3564



122.7380, 33.6532, -107.6412

Sweetspot

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



114.0780, 59.6145, 106.0486



216.2580, 19.0998, 33.9767



52.4840, 89.9804, -20.5955



104.5200, 11.5756, 20.5920



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.



114.0780, 59.6145, 106.0486



105.3150, 73.7947, 131.2737



102.3360, 14.6244, 116.3463



110.5430, 3.1833, 5.6628



74.7530, 52.3798, 93.1786



22.3020, 15.6271, 27.7991

Inverse Universe

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



114.0780, 59.6145, 106.0486



105.3150, 73.7947, 131.2737



161.6640, -14.6244, -116.3463



110.5430, 3.1833, 5.6628



74.7530, 52.3798, 93.1786



22.3020, 15.6271, 27.7991

Previews

White Background



This preview shows how the YUV color 114.0780, 59.6145, 106.0486 looks on a white background.

Color Contrast Check

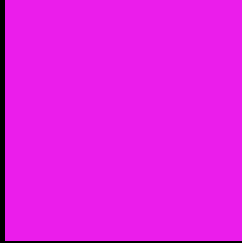
Large Text (above 18pt) WCAG AA ✓ Pass

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 114.0780, 59.6145, 106.0486 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

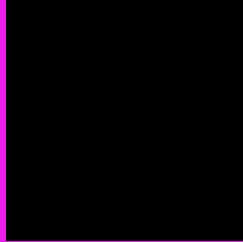
Any Text WCAG AA ✓ Pass

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 114.0780, 59.6145, 106.0486 Background



This preview shows how black text looks on a background with the YUV color 114.0780, 59.6145, 106.0486.



This preview shows how white text looks on a background with the YUV color 114.0780, 59.6145,

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

114.0780, 59.6145, 106.0486

Protanopia

126.8860, 63.1602, -51.6430

Deuteranopia

130.7290, 44.5036, -40.9813



Tritanopia

133.0590, -15.8051, 76.2473

Trichromacy



Original Color

114.0780, 59.6145, 106.0486



Protanomaly

122.6080, 61.8183, 5.6058



Deuteranomaly

124.8510, 49.8665, 12.4087



Tritanomaly

126.0520, 11.8064, 86.7774

Monochromacy



Original Color

114.0780, 59.6145, 106.0486



Achromatopsia

114.0000, 0.0000, 0.0000



Achromatomaly

113.9750, 21.7043, 38.6099

CSS Examples

Text

The CSS property to change the color of the text to YUV 114.0780, 59.6145, 106.0486 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(235, 29, 235)` looks like.

```
.text, #text, p{  
    color:rgb(235, 29, 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(235, 29, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 29, 235) }
```

Border

The CSS property to change the border of an element to YUV 114.0780, 59.6145, 106.0486 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(235, 29, 235) }
```


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

```
.border{ border-color:rgb(235, 29, 235) }
```

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

Here you see how a box with a 4 pixel rgb(235, 29, 235) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 29, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 29, 235);  
box-shadow:4px 4px 4px 4px rgb(235, 29,  
235) }
```

Background

The CSS property to change the background color of an element to YUV 114.0780, 59.6145, 106.0486 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 29, 235) }
```

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

```
.background{ background-color: rgb(235, 29,  
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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