

Converting Colors

YUV(111.1430, 61.0615,
108.6226)

Have a look what the booklet for
YUV(111.1430, 61.0615, 108.6226)
contains.

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Color

**YUV(111.1430, 61.0615,
108.6226)**

Conversions

Conversions Part 1

Format	Color
Hex	EB18EB
RGB	235, 24, 235
RGB Percent	92%, 9%, 92%
CMY	0.0784, 0.9059, 0.0784
CMYK	0.00, 0.90, 0.00, 0.08
HSL	300°, 84%, 51%
HSV	300°, 90%, 92%
XYZ	49.5830, 24.3136, 80.6769
YIQ	111.1430, 58.0250, 110.3530

Conversions

Conversions Part 2

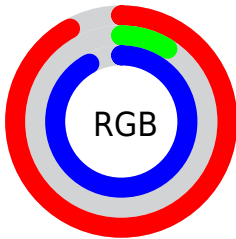
Format	Color
R _{YB}	235, 24, 235
Decimal	15407339
CIE _{Lab}	56.40, 90.43, -56.15
CIE _{LCh}	56, 106.445, 328.163
Yxy	24.3136, 0.3208, 0.1573
Android (android.graphics.Color)	4293597419 (0xFFEB18EB)
YUV	111.1430, 61.0615, 108.6226
Hunter-Lab	49.3088, 93.2021, -62.4915

Details

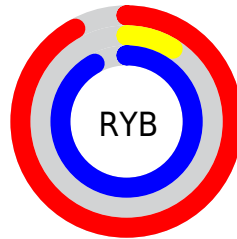
The YUV color **111.1430, 61.0615, 108.6226** is a light color, and the websafe version is hex **FF33FF**. The color can be described as light washed magenta. A complement of this color would be **147.8570, -61.0615, -108.6226**, and the grayscale version is **111.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **167.5370, 43.1193, 76.7051**, and **72.3180, 52.1012, 89.1751** is the 20% darker color. If you saturate the color by 10%, you get **97.0550, 68.0069, 120.9778**, and if you desaturate by 10%, it is **125.2310, 54.1161, 96.2674**.

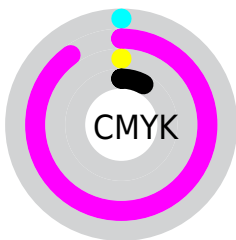
Distribution



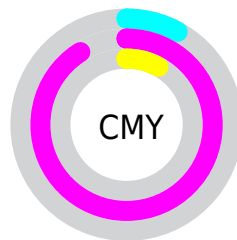
- Red (92%)
- Green (9%)
- Blue (92%)



- Red (92%)
- Yellow (9%)
- Blue (92%)



- Cyan (0%)
- Magenta (90%)
- Yellow (0%)
- Black (8%)





- Cyan (8%)
- Magenta (91%)
- Yellow (8%)

Brightness & Saturation Gradients


These gradients show how the YUV color 111.1430, 61.0615, 108.6226 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 111.1430, 61.0615, 108.6226 by changing the saturation by 10% instead.


 111.1430, 61.0615,
108.6226


 111.1430, 61.0615,
108.6226


255.0000, 0.0000,
0.0000


 84.4800, 59.9094,
104.8190


 167.5370, 43.1193,
76.7051


 72.3180, 52.1012,
89.1751


 186.3210, 33.8587,
60.2315

 60.2700, 44.7299,
73.4312


 204.5180, 24.8876,
44.2727

 48.5210, 37.2111,
58.3021

 222.1280, 16.2059,
28.8287

 37.0000, 30.5660,
42.9730

 240.3250, 7.2348,
12.8700

 25.7780, 23.7734,
28.2587

 13.4740, 18.0073,

10.9853

■ 3.7790, 11.9410,
-3.3142

■ 0.0000, 0.0000,
0.0000

■ 111.1430, 61.0615,
108.6226

■ 111.1430, 61.0615,
108.6226

■ 97.0550, 68.0069,
120.9778

■ 125.2310, 54.1161,
96.2674

■ 138.7320, 47.4601,
84.4270

■ 152.2330, 40.8041,
72.5867

■ 166.3210, 33.8587,
60.2315

■ 179.8220, 27.2028,
48.3911

■ 193.9100, 20.2574,
36.0359

■ 207.4110, 13.6014,
24.1956

■ 221.4990, 6.6560,
11.8404

■ 235.5870, -0.2894,
-0.5148

Harmonies

Analogous

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



120.5170, 66.3001, -32.0254



111.1430, 61.0615, 108.6226



92.7750, 25.7469, 142.2713

Triad

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



111.1430, 61.0615, 108.6226



127.1400, -62.6800, 37.5882



125.5710, 47.0465, -110.1258

Complementary

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



111.1430, 61.0615, 108.6226



147.8570, -61.0615, -108.6226

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.



114.2680, 6.2769, -100.2130



111.1430, 61.0615, 108.6226



112.2250, -55.3269, -34.4003

Square

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



111.1430, 61.0615, 108.6226



120.4700, -59.3917, 103.0738



97.4250, -45.5655, -85.4417



127.0990, 63.0552, -111.4658

Rectangle

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



111.1430, 61.0615, 108.6226



85.9350, -0.4610, 148.2700



97.4250, -45.5655, -85.4417



122.1510, 33.9426, -107.1264

Sweetspot

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



111.1430, 61.0615, 108.6226



214.4970, 19.9680, 35.5211



48.0540, 92.1644, -21.0954



103.9330, 11.8650, 21.1068



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.



111.1430, 61.0615, 108.6226



105.3150, 73.7947, 131.2737



99.1730, 15.1977, 119.1203



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.



111.1430, 61.0615, 108.6226



105.3150, 73.7947, 131.2737



159.9410, -14.7609, -119.2203



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 111.1430, 61.0615, 108.6226 looks on a white background.

Color Contrast Check

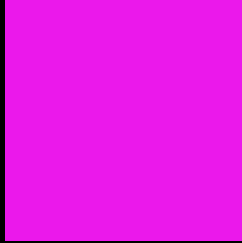
Large Text (above 18pt) WCAG AA ✓ Pass

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 111.1430, 61.0615, 108.6226 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

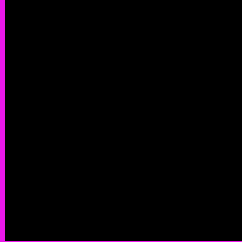
Any Text WCAG AA ✓ Pass

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 111.1430, 61.0615, 108.6226 Background



This preview shows how black text looks on a background with the YUV color 111.1430, 61.0615, 108.6226.



This preview shows how white text looks on a background with the YUV color 111.1430, 61.0615,

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

111.1430, 61.0615, 108.6226

Protanopia

126.5870, 63.3076, -52.2578

Deuteranopia

129.8430, 44.9404, -41.0813



Tritanopia

132.3580, -15.9525, 76.8620

Trichromacy



Original Color

111.1430, 61.0615, 108.6226



Protanomaly

121.1350, 62.5444, 6.0206



Deuteranomaly

122.7910, 50.8820, 13.3383



Tritanomaly

124.7640, 11.9483, 87.9070

Monochromacy



Original Color

111.1430, 61.0615, 108.6226



Achromatopsia

111.0000, 0.0000, 0.0000



Achromatomaly

110.8010, 22.2831, 39.6395

CSS Examples

Text

The CSS property to change the color of the text to YUV 111.1430, 61.0615, 108.6226 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, 24, 235)` looks like.

```
.text, #text, p{  
    color:rgb(235, 24, 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, 24, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 24, 235) }
```

Border

The CSS property to change the border of an element to YUV 111.1430, 61.0615, 108.6226 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, 24, 235) }
```


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

```
.border{ border-color:rgb(235, 24, 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, 24, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 24, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 24, 235);  
box-shadow:4px 4px 4px 4px rgb(235, 24,  
235) }
```

Background

The CSS property to change the background color of an element to YUV 111.1430, 61.0615, 108.6226 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 24, 235) }
```

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

```
.background{ background-color: rgb(235, 24,  
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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