

Converting Colors

YUV(138.7320, 47.4601,
84.4270)

Have a look what the booklet for
YUV(138.7320, 47.4601, 84.4270)
contains.

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Color

**YUV(138.7320, 47.4601,
84.4270)**

Conversions

Conversions Part 1

Format	Color
Hex	EB47EB
RGB	235, 71, 235
RGB Percent	92%, 28%, 92%
CMY	0.0784, 0.7216, 0.0784
CMYK	0.00, 0.70, 0.00, 0.08
HSL	300°, 80%, 60%
HSV	300°, 70%, 92%
XYZ	51.5096, 28.1668, 81.3191
YIQ	138.7320, 45.1000, 85.7720

Conversions

Conversions Part 2

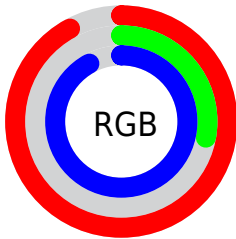
Format	Color
R_{YB}	235, 71, 235
Decimal	15419371
CIE _{Lab}	60.04, 79.89, -50.36
CIE _{LCh}	60, 94.439, 327.778
Yxy	28.1668, 0.3199, 0.1750
Android (android.graphics.Color)	4293609451 (0xFFEB47EB)
YUV	138.7320, 47.4601, 84.4270
Hunter-Lab	53.0724, 80.3670, -53.6952

Details

The YUV color **138.7320, 47.4601, 84.4270** is a light color, and the websafe version is hex **FF66FF**. The color can be described as light muted magenta. A complement of this color would be **167.2680, -47.4601, -84.4270**, and the grayscale version is **138.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **183.3860, 35.3057, 62.8055**, and **72.6170, 51.9538, 89.7899** is the 20% darker color. If you saturate the color by 10%, you get **125.2310, 54.1161, 96.2674**, and if you desaturate by 10%, it is **152.2330, 40.8041, 72.5867**.

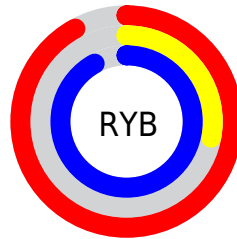
Distribution



Red (92%)

Green (28%)

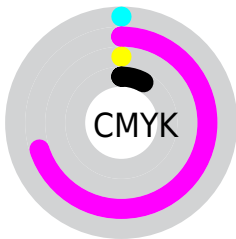
Blue (92%)



Red (92%)

Yellow (28%)

Blue (92%)

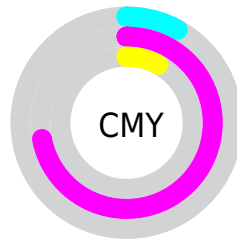


Cyan (0%)

Magenta (70%)

Yellow (0%)

Black (8%)



Cyan (8%)


Magenta (72%)


Yellow (8%)

Brightness & Saturation Gradients


These gradients show how the YUV color 138.7320, 47.4601, 84.4270 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 138.7320, 47.4601, 84.4270 by changing the saturation by 10% instead.


 138.7320, 47.4601,
84.4270


 138.7320, 47.4601,
84.4270


255.0000, 0.0000,
0.0000


 103.5630, 50.5014,
88.9602


 183.3860, 35.3057,
62.8055


 72.6170, 51.9538,
89.7899


 200.9960, 26.6240,
47.3615

 60.8680, 44.4351,
74.6608


 218.0190, 18.2316,
32.4323

 49.2330, 37.3531,
59.4317

 235.6290, 9.5499,
16.9884

 37.5980, 30.2712,
44.2026

 253.2390, 0.8682,
1.5444

 27.3870, 23.4732,
31.2326

 15.0830, 17.7071,

13.9592

■ 4.3660, 11.6516,
-3.8290

■ 0.0000, 0.0000,
0.0000

■ 138.7320, 47.4601,
84.4270

■ 138.7320, 47.4601,
84.4270

■ 125.2310, 54.1161,
96.2674

■ 152.2330, 40.8041,
72.5867

■ 111.1430, 61.0615,
108.6226

■ 166.3210, 33.8587,
60.2315

■ 97.0550, 68.0069,
120.9778

■ 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

246.7400, -5.7878,
-10.2960

Harmonies

Analogous

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



135.9330, 58.7000, -20.9892



138.7320, 47.4601, 84.4270



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.



138.7320, 47.4601, 84.4270



136.2990, -67.1954, 39.2028



130.2670, 44.7314, -114.2442

Complementary

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



138.7320, 47.4601, 84.4270



167.2680, -47.4601, -84.4270

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.



119.9900, 7.8929, -105.2312



138.7320, 47.4601, 84.4270



124.3960, -61.3272, -23.1493

Square

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



138.7320, 47.4601, 84.4270



131.6450, -64.9010, 96.7813



106.5670, -30.8455, -93.4593



131.2080, 61.0295, -115.0694

Rectangle

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



138.7320, 47.4601, 84.4270



87.6450, 6.0910, 146.7703



106.5670, -30.8455, -93.4593



127.1890, 32.9378, -111.5448

Sweetspot

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



138.7320, 47.4601, 84.4270



223.3020, 15.6271, 27.7991



89.6960, 71.6349, -16.3964



109.2160, 9.2605, 16.4736



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.



138.7320, 47.4601, 84.4270



129.3820, 61.9297, 110.1670



129.3840, 11.6427, 92.6252



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.



138.7320, 47.4601, 84.4270



129.3820, 61.9297, 110.1670



176.6160, -11.6427, -92.6252



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 138.7320, 47.4601, 84.4270 looks on a white background.

Color Contrast Check

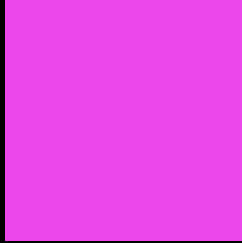
Large Text (above 18pt) WCAG AA ✓ Pass

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 138.7320, 47.4601, 84.4270 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

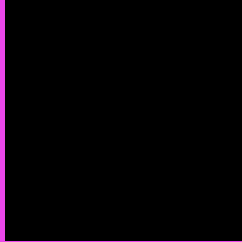
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 138.7320, 47.4601, 84.4270

Background



This preview shows how black text looks on a background with the YUV color 138.7320, 47.4601, 84.4270.



This preview shows how white text looks on a background with the YUV color 138.7320, 47.4601, 84.4270.

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

138.7320, 47.4601, 84.4270

Protanopia

139.0460, 57.1653, -42.1363

Deuteranopia

141.9320, 39.9665, -32.3894



Tritanopia

144.4000, -13.0152, 68.0552

Trichromacy



Original Color

138.7320, 47.4601, 84.4270



Protanomaly

139.1210, 53.6773, 3.4019



Deuteranomaly

140.5920, 42.5991, 10.0048



Tritanomaly

142.5790, 9.0816, 74.0372

Monochromacy



Original Color

138.7320, 47.4601, 84.4270



Achromatopsia

139.0000, 0.0000, 0.0000



Achromatomaly

138.7800, 17.3635, 30.8879

CSS Examples

Text

The CSS property to change the color of the text to YUV 138.7320, 47.4601, 84.4270 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, 71, 235)` looks like.

```
.text, #text, p{  
    color:rgb(235, 71, 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, 71, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 71, 235) }
```

Border

The CSS property to change the border of an element to YUV 138.7320, 47.4601, 84.4270 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, 71, 235) }
```


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

```
.border{ border-color:rgb(235, 71, 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, 71, 235) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 71, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 71, 235);  
box-shadow:4px 4px 4px 4px rgb(235, 71,  
235) }
```

Background

The CSS property to change the background color of an element to YUV 138.7320, 47.4601, 84.4270 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 71, 235) }
```

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

```
.background{ background-color: rgb(235, 71,  
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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