

Converting Colors

YUV(138.8520, 45.4290,
82.5678)

Have a look what the booklet for
YUV(138.8520, 45.4290, 82.5678)
contains.

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Color

**YUV(138.8520, 45.4290,
82.5678)**

Conversions

Conversions Part 1

Format	Color
Hex	E949E7
RGB	233, 73, 231
RGB Percent	91%, 29%, 91%
CMY	0.0863, 0.7137, 0.0941
CMYK	0.00, 0.69, 0.01, 0.09
HSL	301°, 78%, 60%
HSV	301°, 69%, 91%
XYZ	50.4106, 27.8582, 78.3216
YIQ	138.8520, 44.6420, 83.0580

Conversions

Conversions Part 2

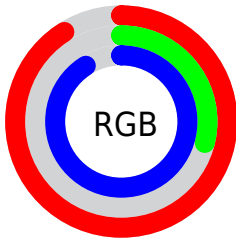
Format	Color
R_{YB}	233, 73, 231
Decimal	15288807
CIE _{Lab}	59.76, 78.18, -48.58
CIE _{LCh}	60, 92.039, 328.143
Yxy	27.8582, 0.3219, 0.1779
Android (android.graphics.Color)	4293478887 (0xFFE949E7)
YUV	138.8520, 45.4290, 82.5678
Hunter-Lab	52.7809, 78.1173, -51.0337

Details

The YUV color **138.8520, 45.4290, 82.5678** 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 **167.1480, -45.4290, -82.5678**, and the grayscale version is **138.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **183.9730, 35.0163, 62.2907**, and **71.6770, 50.9382, 88.8603** is the 20% darker color. If you saturate the color by 10%, you get **125.3510, 52.0850, 94.4082**, and if you desaturate by 10%, it is **152.3530, 38.7730, 70.7274**.

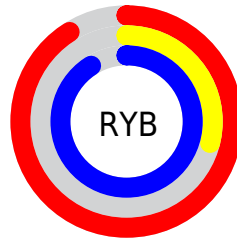
Distribution



Red (91%)

Green (29%)

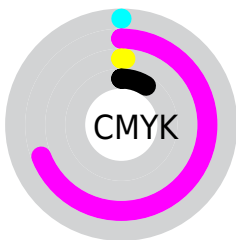
Blue (91%)



Red (91%)

Yellow (29%)

Blue (91%)

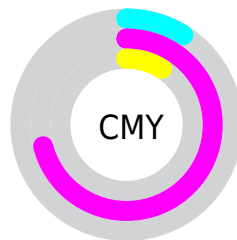


Cyan (0%)

Magenta (69%)

Yellow (1%)

Black (9%)



Cyan (9%)


Magenta (71%)


Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the YUV color 138.8520, 45.4290, 82.5678 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 138.8520, 45.4290, 82.5678 by changing the saturation by 10% instead.


 138.8520, 45.4290,
82.5678


 138.8520, 45.4290,
82.5678


255.0000, 0.0000,
0.0000


 104.9710, 48.3283,
85.9714


 183.9730, 35.0163,
62.2907


 71.6770, 50.9382,
88.8603


 201.5830, 26.3346,
46.8467

 59.9280, 43.4195,
73.7311


 218.6060, 17.9422,
31.9175

 48.1790, 35.9008,
58.6020

 236.2160, 9.2605,
16.4736

 36.9570, 29.1082,
43.8877

253.8260, 0.5788,
1.0296

 26.3330, 22.0208,
30.4030

 14.4420, 16.5441,

13.6444

■ 3.5510, 11.0674,
-3.1142

■ 0.0000, 0.0000,
0.0000

■ 138.8520, 45.4290,
82.5678

■ 138.8520, 45.4290,
82.5678

■ 125.3510, 52.0850,
94.4082

■ 152.3530, 38.7730,
70.7274

■ 111.1490, 58.5935,
106.8633

■ 166.5550, 32.2644,
58.2723

■ 97.6480, 65.2495,
118.7037

■ 180.0560, 25.6084,
46.4319

■ 95.8870, 66.1177,
120.2481

■ 193.5570, 18.9524,
34.5915

207.6450, 12.0070,
22.2363

221.2600, 5.7878,
10.2960

234.7610, -0.8682,
-1.5444

245.9140, -6.3666,
-11.3256

246.0280, -5.9298,
-11.4256

Harmonies

Analogous

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



136.5420, 58.3998, -18.0153



138.8520, 45.4290, 82.5678



93.6870, 29.2413, 141.4715

Triad

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



138.8520, 45.4290, 82.5678



135.1140, -66.6112, 38.4880



129.4520, 44.1472, -113.5294

Complementary

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



138.8520, 45.4290, 82.5678



167.1480, -45.4290, -82.5678

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.



119.4030, 8.1823, -104.7164



138.8520, 45.4290, 82.5678



123.8090, -61.0378, -22.6345

Square

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



138.8520, 45.4290, 82.5678



131.9220, -65.0375, 93.9074



106.4360, -28.8089, -93.3444



130.6210, 61.3188, -114.5546

Rectangle

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



138.8520, 45.4290, 82.5678



97.5100, 0.7346, 138.1187



106.4360, -28.8089, -93.3444



126.4880, 32.7904, -110.9300

Sweetspot

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



138.8520, 45.4290, 82.5678



223.1880, 15.1903, 27.8991



91.2400, 69.8877, -15.9965



109.1020, 8.8237, 16.5735



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.



138.8520, 45.4290, 82.5678



131.9750, 59.1723, 107.8929



129.9600, 11.3587, 90.3661



110.5430, 3.1833, 5.6628



74.5250, 51.5062, 93.3786



22.1880, 15.1903, 27.8991

Inverse Universe

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



138.8520, 45.4290, 82.5678



131.9750, 59.1723, 107.8929



176.0400, -11.3587, -90.3661



110.5430, 3.1833, 5.6628



74.5250, 51.5062, 93.3786



22.1880, 15.1903, 27.8991

Previews

White Background



This preview shows how the YUV color 138.8520, 45.4290, 82.5678 looks on a white background.

Color Contrast Check

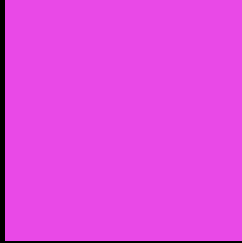
Large Text (above 18pt) WCAG AA ✓ Pass

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 138.8520, 45.4290, 82.5678 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

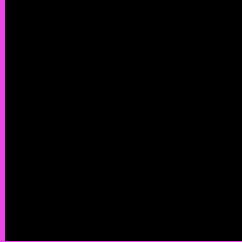
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 138.8520, 45.4290, 82.5678

Background



This preview shows how black text looks on a background with the YUV color 138.8520, 45.4290, 82.5678.



This preview shows how white text looks on a background with the YUV color 138.8520, 45.4290,

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

138.8520, 45.4290, 82.5678

Protanopia

138.7470, 57.3127, -42.7511

Deuteranopia

141.6010, 38.6507, -30.3451



Tritanopia

143.8020, -12.7204, 66.8256

Trichromacy



Original Color

138.8520, 45.4290, 82.5678



Protanomaly

138.5940, 52.9512, 2.9871



Deuteranomaly

140.5490, 41.1413, 10.9195



Tritanomaly

142.3400, 8.2134, 72.4928

Monochromacy



Original Color

138.8520, 45.4290, 82.5678



Achromatopsia

139.0000, 0.0000, 0.0000



Achromatomaly

138.8400, 16.3479, 29.9583

CSS Examples

Text

The CSS property to change the color of the text to YUV 138.8520, 45.4290, 82.5678 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(233, 73, 231)` looks like.

```
.text, #text, p{  
    color:rgb(233, 73, 231)  
}
```

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(233, 73, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 73, 231) }
```

Border

The CSS property to change the border of an element to YUV 138.8520, 45.4290, 82.5678 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(233, 73, 231) }
```


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

```
.border{ border-color:rgb(233, 73, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 73, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 73, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 73, 231);  
box-shadow:4px 4px 4px 4px rgb(233, 73,  
231) }
```

Background

The CSS property to change the background color of an element to YUV 138.8520, 45.4290, 82.5678 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 73, 231) }
```

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

```
.background{ background-color: rgb(233, 73,  
231) }
```

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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