

Converting Colors

YUV(107.4750, 60.8978,
114.4704)

Have a look what the booklet for
YUV(107.4750, 60.8978, 114.4704)
contains.

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Color

**YUV(107.4750, 60.8978,
114.4704)**

Conversions

Conversions Part 1

Format	Color
Hex	EE11E7
RGB	238, 17, 231
RGB Percent	93%, 7%, 91%
CMY	0.0667, 0.9333, 0.0941
CMYK	0.00, 0.93, 0.03, 0.07
HSL	302°, 87%, 50%
HSV	302°, 93%, 93%
XYZ	49.8841, 24.3476, 77.6717
YIQ	107.4750, 63.0220, 113.4060

Conversions

Conversions Part 2

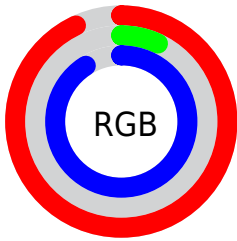
Format	Color
R _Y B	238, 17, 231
Decimal	15602151
CIE Lab	56.43, 91.10, -53.82
CIE LCh	56, 105.808, 329.428
Yxy	24.3476, 0.3284, 0.1603
Android (android.graphics.Color)	4293792231 (0xFFEE11E7)
YUV	107.4750, 60.8978, 114.4704
Hunter-Lab	49.3432, 94.1060, -58.7887

Details

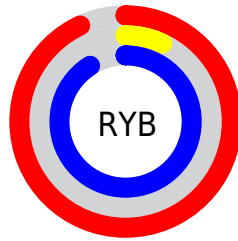
The YUV color **107.4750, 60.8978, 114.4704** is a light color, and the websafe version is hex **FF33FF**. The color can be described as light washed magenta. A complement of this color would be **147.5250, -60.8978, -114.4704**, and the grayscale version is **107.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **166.3630, 43.6980, 77.7346**, and **72.8730, 50.3486, 91.3194** is the 20% darker color. If you saturate the color by 10%, you get **97.3820, 65.3807, 123.3220**, and if you desaturate by 10%, it is **121.6770, 54.3892, 102.0153**.

Distribution



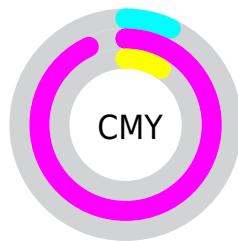
- Red (93%)
- Green (7%)
- Blue (91%)



- Red (93%)
- Yellow (7%)
- Blue (91%)



- Cyan (0%)
- Magenta (93%)
- Yellow (3%)
- Black (7%)




- Cyan (7%)
- Magenta (93%)
- Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the YUV color 107.4750, 60.8978, 114.4704 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 107.4750, 60.8978, 114.4704 by changing the saturation by 10% instead.


 107.4750, 60.8978,
114.4704


 107.4750, 60.8978,
114.4704


255.0000, 0.0000,
0.0000


 84.9210, 57.7199,
107.0633


 166.3630, 43.6980,
77.7346


 72.8730, 50.3486,
91.3194


 185.1470, 34.4375,
61.2611

 60.7110, 42.5405,
75.6755


 203.3440, 25.4664,
45.3023

 49.0760, 35.4585,
60.4463

 221.5410, 16.4953,
29.3435

 37.1420, 28.5240,
44.6025

 239.7380, 7.5242,
13.3848

 26.0340, 22.1682,
29.7882

 14.0290, 16.2547,

13.1296

■ 3.4370, 10.6306,
-3.0142

■ 0.0000, 0.0000,
0.0000

■ 107.4750, 60.8978,
114.4704

■ 107.4750, 60.8978,
114.4704

■ 97.3820, 65.3807,
123.3220

■ 121.6770, 54.3892,
102.0153

■ 135.8790, 47.8807,
89.5601

■ 149.3800, 41.2247,
77.7197

■ 163.5820, 34.7161,
65.2646

■ 177.7840, 28.2075,
52.8094

■ 191.9860, 21.6989,
40.3543

■ 206.0740, 14.7535,
27.9991

■ 219.6890, 8.5343,
16.0587

■ 233.8910, 2.0257,
3.6036

Harmonies

Analogous

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



123.5290, 64.8152, -22.3889



107.4750, 60.8978, 114.4704



92.4330, 24.4365, 142.5713

Triad

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



107.4750, 60.8978, 114.4704



127.1180, -62.6692, 34.0995



126.0270, 48.7937, -110.5257

Complementary

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



107.4750, 60.8978, 114.4704



147.5250, -60.8978, -114.4704

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.



114.7240, 8.0241, -100.6129



107.4750, 60.8978, 114.4704



111.3170, -54.8793, -37.9890

Square

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



107.4750, 60.8978, 114.4704



121.3340, -59.8177, 99.6851



99.6080, -39.7397, -87.3562



127.0990, 63.0552, -111.4658

Rectangle

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



107.4750, 60.8978, 114.4704



85.5930, -1.7713, 148.5699



99.6080, -39.7397, -87.3562



122.6070, 35.6897, -107.5263

Sweetspot

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



107.4750, 60.8978, 114.4704



213.0950, 19.6732, 36.7507



43.3900, 95.9427, -19.6360



101.9440, 11.8596, 22.8511



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.



107.4750, 60.8978, 114.4704



104.4030, 70.3003, 132.0736



95.2770, 14.1604, 125.1681



112.8420, 3.0359, 6.2776



75.3080, 50.6272, 95.3229



22.9000, 15.3323, 29.0287

Inverse Universe

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



107.4750, 60.8978, 114.4704



104.4030, 70.3003, 132.0736



159.7230, -14.1604, -125.1681



112.8420, 3.0359, 6.2776



75.3080, 50.6272, 95.3229



22.9000, 15.3323, 29.0287

Previews

White Background



This preview shows how the YUV color 107.4750, 60.8978, 114.4704 looks on a white background.

Color Contrast Check

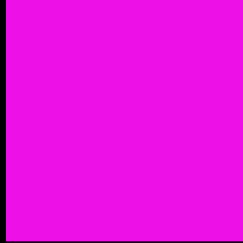
Large Text (above 18pt) WCAG AA ✓ Pass

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 107.4750, 60.8978, 114.4704 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

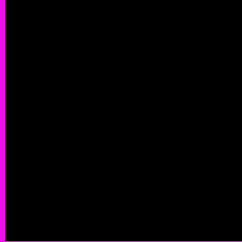
Any Text WCAG AA ✓ Pass

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 107.4750, 60.8978, 114.4704 Background



This preview shows how black text looks on a background with the YUV color 107.4750, 60.8978, 114.4704.



This preview shows how white text looks on a background with the YUV color 107.4750, 60.8978, 114.4704.

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

107.4750, 60.8978, 114.4704

Protanopia

126.8860, 63.1602, -51.6430

Deuteranopia

131.1810, 42.3088, -36.9927



Tritanopia

132.1520, -16.8369, 80.5507

Trichromacy



Original Color

107.4750, 60.8978, 114.4704



Protanomaly

119.7440, 62.2442, 8.9945



Deuteranomaly

122.6560, 48.9766, 17.8417



Tritanomaly

123.2700, 11.2059, 92.7252

Monochromacy



Original Color

107.4750, 60.8978, 114.4704



Achromatopsia

107.0000, 0.0000, 0.0000



Achromatomaly

107.1110, 22.1303, 41.9987

CSS Examples

Text

The CSS property to change the color of the text to YUV 107.4750, 60.8978, 114.4704 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(238, 17, 231)` looks like.

```
.text, #text, p{  
    color:rgb(238, 17, 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(238, 17, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 17, 231) }
```

Border

The CSS property to change the border of an element to YUV 107.4750, 60.8978, 114.4704 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(238, 17, 231) }
```


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

```
.border{ border-color:rgb(238, 17, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 17, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 17, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 17, 231);  
box-shadow:4px 4px 4px 4px rgb(238, 17,  
231) }
```

Background

The CSS property to change the background color of an element to YUV 107.4750, 60.8978, 114.4704 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 17, 231) }
```

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

```
.background{ background-color: rgb(238, 17,  
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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