

# Converting Colors

YUV(107.2470, 60.0242,  
114.6704)

Have a look what the booklet for  
YUV(107.2470, 60.0242, 114.6704)  
contains.

<b>YUV(107.2470, 60.0242, 114.6704)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**YUV(107.2470, 60.0242,  
114.6704)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EE11E5
RGB	238, 17, 229
RGB Percent	93%, 7%, 90%
CMY	0.0667, 0.9333, 0.1020
CMYK	0.00, 0.93, 0.04, 0.07
HSL	302°, 87%, 50%
HSV	302°, 93%, 93%
XYZ	49.6032, 24.2352, 76.1922
YIQ	107.2470, 63.6640, 112.7840

# Conversions

## Conversions Part 2

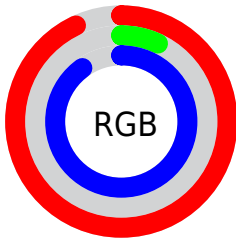
Format	Color
R <sub>Y</sub> B	238, 17, 229
Decimal	15602149
CIE Lab	56.32, 90.82, -52.87
CIE LCh	56, 105.088, 329.797
Yxy	24.2352, 0.3306, 0.1615
Android (android.graphics.Color)	4293792229 (0xFFEE11E5)
YUV	107.2470, 60.0242, 114.6704
Hunter-Lab	49.2292, 93.7048, -57.3028

# Details

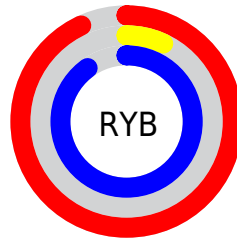
The YUV color **107.2470, 60.0242, 114.6704** is a light color, and the websafe version is hex **FF33FF**. The color can be described as light washed magenta. A complement of this color would be **147.7530, -60.0242, -114.6704**, and the grayscale version is **107.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **166.3630, 43.6980, 77.7346**, and **72.6450, 49.4750, 91.5193** is the 20% darker color. If you saturate the color by 10%, you get **97.1540, 64.5071, 123.5219**, and if you desaturate by 10%, it is **121.4490, 53.5156, 102.2152**.

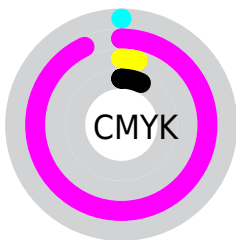
# Distribution



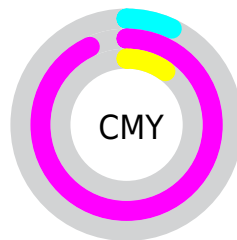
- Red (93%)
- Green (7%)
- Blue (90%)



- Red (93%)
- Yellow (7%)
- Blue (90%)



- Cyan (0%)
- Magenta (93%)
- Yellow (4%)
- Black (7%)




- Cyan (7%)
- Magenta (93%)
- Yellow (10%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 107.2470, 60.0242, 114.6704 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 107.2470, 60.0242, 114.6704 by changing the saturation by 10% instead.





 107.2470, 60.0242,  
114.6704


 107.2470, 60.0242,  
114.6704


255.0000, 0.0000,  
0.0000


 84.8070, 57.2831,  
107.1633


 166.3630, 43.6980,  
77.7346


 72.6450, 49.4750,  
91.5193


 185.1470, 34.4375,  
61.2611

 60.5970, 42.1037,  
75.7754


 203.3440, 25.4664,  
45.3023

 48.8480, 34.5849,  
60.6463

 221.5410, 16.4953,  
29.3435

 37.0280, 28.0872,  
44.7024

 239.7380, 7.5242,  
13.3848

 25.8060, 21.2946,  
29.9881

 14.2140, 15.6705,

13.8443

■ 3.3230, 10.1938,  
-2.9143

■ 0.0000, 0.0000,  
0.0000

■ 107.2470, 60.0242,  
114.6704

■ 107.2470, 60.0242,  
114.6704

■ 97.1540, 64.5071,  
123.5219

■ 121.4490, 53.5156,  
102.2152

■ 135.6510, 47.0071,  
89.7601

■ 149.2660, 40.7879,  
77.8197

■ 163.4680, 34.2793,  
65.3646

■ 177.6700, 27.7707,  
52.9094

■ 191.8720, 21.2621,  
40.4543

■ 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.



124.1380, 64.5150, -19.4150



107.2470, 60.0242, 114.6704



92.2050, 23.5629, 142.7712

# Triad

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



107.2470, 60.0242, 114.6704



126.8190, -62.5218, 33.4847



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.



107.2470, 60.0242, 114.6704



147.7530, -60.0242, -114.6704

# 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.



114.8380, 8.4609, -100.7129



107.2470, 60.0242, 114.6704



111.0180, -54.7319, -38.6038

# Square

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



107.2470, 60.0242, 114.6704



121.6220, -59.9596, 98.5555



99.4770, -37.7032, -87.2413



126.5120, 63.3446, -110.9510



# Rectangle

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



107.2470, 60.0242, 114.6704



85.4790, -2.2081, 148.6699



99.4770, -37.7032, -87.2413



122.6070, 35.6897, -107.5263

# Sweetspot

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



107.2470, 60.0242, 114.6704



212.9810, 19.2364, 36.8507



44.2870, 95.5005, -17.7917



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.



107.2470, 60.0242, 114.6704



104.1750, 69.4267, 132.2735



94.8210, 12.4132, 125.5680



112.8420, 3.0359, 6.2776



75.0800, 49.7536, 95.5228



22.9000, 15.3323, 29.0287



# Inverse Universe

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



107.2470, 60.0242, 114.6704



104.1750, 69.4267, 132.2735



160.1790, -12.4132, -125.5680



112.8420, 3.0359, 6.2776



75.0800, 49.7536, 95.5228



22.9000, 15.3323, 29.0287



# Previews

## White Background



This preview shows how the YUV color 107.2470, 60.0242, 114.6704 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

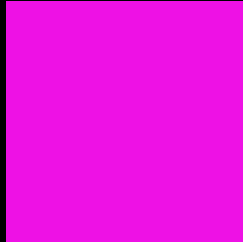
Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail



# Black Background



This preview shows how the YUV color 107.2470, 60.0242, 114.6704 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

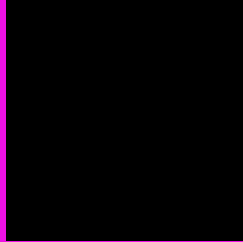
Any Text WCAG AA ✓ Pass

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 107.2470, 60.0242, 114.6704 Background



This preview shows how black text looks on a background with the YUV color 107.2470, 60.0242, 114.6704.



This preview shows how white text looks on a background with the YUV color 107.2470, 60.0242, 114.6704.



# 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

107.2470, 60.0242, 114.6704

### Protanopia

126.5870, 63.3076, -52.2578

### Deuteranopia

131.5510, 41.1404, -35.5632



## Tritanopia

131.4510, -16.9843, 81.1655

# Trichromacy



## Original Color

107.2470, 60.0242, 114.6704



## Protanomaly

119.4450, 62.3916, 8.3797



## Deuteranomaly

122.7270, 47.9556, 18.6564



## Tritanomaly

122.5690, 11.0585, 93.3400

# Monochromacy



## Original Color

107.2470, 60.0242, 114.6704



## Achromatopsia

107.0000, 0.0000, 0.0000



## Achromatomaly

106.9970, 21.6935, 42.0986

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 107.2470, 60.0242, 114.6704 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, 229)` looks like.

```
.text, #text, p{  
    color:rgb(238, 17, 229)  
}
```

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, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 17, 229) }
```

## Border

The CSS property to change the border of an element to YUV 107.2470, 60.0242, 114.6704 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, 229) }
```



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

```
.border{ border-color:rgb(238, 17, 229) }
```

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, 229) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 17, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 17, 229);  
box-shadow:4px 4px 4px 4px rgb(238, 17,  
229) }
```

# Background

The CSS property to change the background color of an element to YUV 107.2470, 60.0242, 114.6704 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, 229) }
```

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

```
.background{ background-color: rgb(238, 17,  
229) }
```

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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