

# Converting Colors

YUV(120.9040, 60.1933,  
107.0782)

Have a look what the booklet for  
YUV(120.9040, 60.1933, 107.0782)  
contains.

<b>YUV(120.9040, 60.1933, 107.0782)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	12
<i><b>Previews</b></i> .....	24
<i><b>Color Blindness Simulation</b></i> .....	28
<i><b>CSS Examples</b></i> .....	31

# Color

**YUV(120.9040, 60.1933,  
107.0782)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F323F3
RGB	243, 35, 243
RGB Percent	95%, 14%, 95%
CMY	0.0471, 0.8627, 0.0471
CMYK	0.00, 0.86, 0.00, 0.05
HSL	300°, 90%, 55%
HSV	300°, 86%, 95%
XYZ	53.7408, 26.7278, 87.1205
YIQ	120.9040, 57.2000, 108.7840

# Conversions

## Conversions Part 2

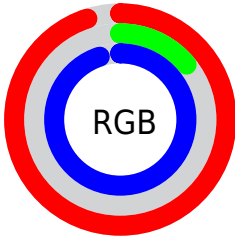
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	243, 35, 243
Decimal	15934451
CIE <sub>Lab</sub>	58.72, 91.38, -56.84
CIE <sub>LCh</sub>	59, 107.614, 328.115
Y <sub>xy</sub>	26.7278, 0.3207, 0.1595
Android (android.graphics.Color)	4294124531 (0xFFFF323F3)
YUV	120.9040, 60.1933, 107.0782
Hunter-Lab	51.6990, 95.0768, -63.7233

# Details

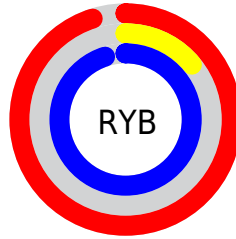
The YUV color **120.9040, 60.1933, 107.0782** is a light color, and the websafe version is hex **FF33FF**. The color can be described as light washed magenta. A complement of this color would be **157.0960, -60.1933, -107.0782**, and the grayscale version is **120.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **171.0590, 41.3829, 73.6163**, and **75.6220, 54.4164, 93.2935** is the 20% darker color. If you saturate the color by 10%, you get **106.8160, 67.1387, 119.4334**, and if you desaturate by 10%, it is **134.9920, 53.2479, 94.7230**.

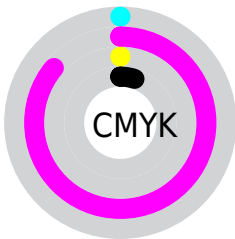
# Distribution



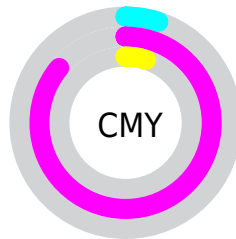
- Red (95%)
- Green (14%)
- Blue (95%)



- Red (95%)
- Yellow (14%)
- Blue (95%)



- Cyan (0%)
- Magenta (86%)
- Yellow (0%)
- Black (5%)




- Cyan (5%)
- Magenta (86%)
- Yellow (5%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 120.9040, 60.1933, 107.0782 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 120.9040, 60.1933, 107.0782 by changing the saturation by 10% instead.





 120.9040, 60.1933,  
107.0782


 120.9040, 60.1933,  
107.0782


255.0000, 0.0000,  
0.0000


 87.7840, 62.2245,  
108.9374


 171.0590, 41.3829,  
73.6163


 75.6220, 54.4164,  
93.2935


 189.8430, 32.1224,  
57.1427

 63.4600, 46.6082,  
77.6496


 208.0400, 23.1513,  
41.1839

 51.5260, 39.6737,  
61.8057

 225.6500, 14.4696,  
25.7400

 39.8910, 32.5917,  
46.5766

 243.8470, 5.4984,  
9.7812

 28.9680, 25.6518,  
32.4771

 16.5500, 19.4489,

15.3036

■ 5.0500, 14.2723,  
-4.4289

■ 0.7980, 3.0576,  
-0.6998

■ 120.9040, 60.1933,  
107.0782

■ 120.9040, 60.1933,  
107.0782

■ 106.8160, 67.1387,  
119.4334

■ 134.9920, 53.2479,  
94.7230

■ 100.3590, 70.3220,  
125.0962

■ 149.6670, 46.0132,  
81.8530

■ 163.7550, 39.0678,  
69.4979

■ 177.8430, 32.1224,  
57.1427

■ 191.9310, 25.1770,  
44.7875

■ 206.6060, 17.9422,  
31.9175

■ 220.6940, 10.9969,  
19.5624

■ 234.7820, 4.0515,  
7.2072

■ 249.4570, -3.1833,  
-5.6628

# Harmonies

## Analogous

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



126.1320, 63.5319, -30.8108



120.9040, 60.1933, 107.0782



93.5730, 28.8045, 141.5715

# Triad

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



120.9040, 60.1933, 107.0782



132.7550, -65.4482, 38.8029



130.5920, 48.5151, -114.5292

# Complementary

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



120.9040, 60.1933, 107.0782



157.0960, -60.1933, -107.0782

# 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.



118.9470, 6.4351, -104.3165



120.9040, 60.1933, 107.0782



118.4270, -58.3845, -33.7005

# Square

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



120.9040, 60.1933, 107.0782



126.0960, -62.1653, 106.0328



102.5600, -43.6601, -89.9451



131.2080, 61.0295, -115.0694



# Rectangle

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



120.9040, 60.1933, 107.0782



86.5050, 1.7230, 147.7701



102.5600, -43.6601, -89.9451



127.0580, 34.9744, -111.4299

# Sweetspot

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



120.9040, 60.1933, 107.0782



216.2580, 19.0998, 33.9767



58.7120, 90.8540, -20.7954



104.5200, 11.5756, 20.5920



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.



120.9040, 60.1933, 107.0782



105.3150, 73.7947, 131.2737



109.0480, 14.7663, 117.4759



114.9560, 3.4727, 6.1776



76.8180, 53.8267, 95.7526



24.3670, 17.0741, 30.3731



# Inverse Universe

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



120.9040, 60.1933, 107.0782



105.3150, 73.7947, 131.2737



168.9520, -14.7663, -117.4759



114.9560, 3.4727, 6.1776



76.8180, 53.8267, 95.7526



24.3670, 17.0741, 30.3731



# Previews

## White Background



This preview shows how the YUV color 120.9040, 60.1933, 107.0782 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

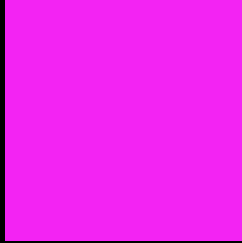
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 120.9040, 60.1933, 107.0782 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

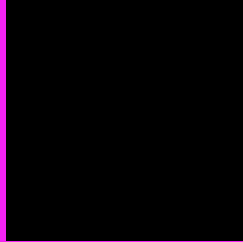
Any Text WCAG AA ✓ Pass

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 120.9040, 60.1933, 107.0782 Background



This preview shows how black text looks on a background with the YUV color 120.9040, 60.1933, 107.0782.



This preview shows how white text looks on a background with the YUV color 120.9040, 60.1933,



# 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

120.9040, 60.1933, 107.0782

### Protanopia

134.5940, 59.3602, -46.1249

### Deuteranopia

136.0710, 45.8140, -41.2813



## Tritanopia

138.3690, -15.9579, 78.6064

# Trichromacy



## Original Color

120.9040, 60.1933, 107.0782



## Protanomaly

130.0600, 59.6234, 9.5944



## Deuteranomaly

130.4920, 51.0294, 12.7235



## Tritanomaly

132.0630, 11.8009, 88.5217

# Monochromacy



## Original Color

120.9040, 60.1933, 107.0782



## Achromatopsia

121.0000, 0.0000, 0.0000



## Achromatomaly

120.9750, 21.7043, 38.6099

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 120.9040, 60.1933, 107.0782 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(243, 35, 243)` looks like.

```
.text, #text, p{  
    color:rgb(243, 35, 243)  
}
```

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(243, 35, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 35, 243) }
```

## Border

The CSS property to change the border of an element to YUV 120.9040, 60.1933, 107.0782 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(243, 35, 243) }
```



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

```
.border{ border-color:rgb(243, 35, 243) }
```

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

Here you see how a box with a 4 pixel rgb(243, 35, 243) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 35, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 35, 243);  
box-shadow:4px 4px 4px 4px rgb(243, 35,  
243) }
```

# Background

The CSS property to change the background color of an element to YUV 120.9040, 60.1933, 107.0782 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 35, 243) }
```

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

```
.background{ background-color: rgb(243, 35,  
243) }
```

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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