

# Converting Colors

YUV(105.4030, 66.8493,  
118.9186)

Have a look what the booklet for  
YUV(105.4030, 66.8493, 118.9186)  
contains.

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# Color

**YUV(105.4030, 66.8493,  
118.9186)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F10AF1
RGB	241, 10, 241
RGB Percent	95%, 4%, 95%
CMY	0.0549, 0.9608, 0.0549
CMYK	0.00, 0.96, 0.00, 0.05
HSL	300°, 92%, 49%
HSV	300°, 96%, 95%
XYZ	52.2614, 25.2687, 85.3420
YIQ	105.4030, 63.5250, 120.8130

# Conversions

## Conversions Part 2

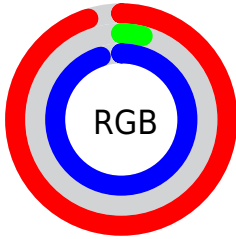
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	241, 10, 241
Decimal	15796977
CIE Lab	57.34, 93.52, -57.96
CIE LCh	57, 110.022, 328.211
Yxy	25.2687, 0.3209, 0.1551
Android (android.graphics.Color)	4293987057 (0xFFFF10AF1)
YUV	105.4030, 66.8493, 118.9186
Hunter-Lab	50.2680, 97.6093, -65.4713

# Details

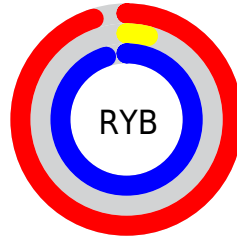
The YUV color **105.4030, 66.8493, 118.9186** is a light color, and the websafe version is hex **FF33FF**. The color can be described as light saturated magenta. A complement of this color would be **145.5970, -66.8493, -118.9186**, and the grayscale version is **105.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **166.3630, 43.6980, 77.7346**, and **74.7960, 53.8376, 92.2639** is the 20% darker color. If you saturate the color by 10%, you get **99.5330, 69.7432, 124.0666**, and if you desaturate by 10%, it is **119.4910, 59.9039, 106.5634**.

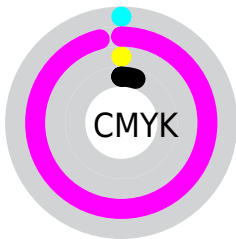
# Distribution



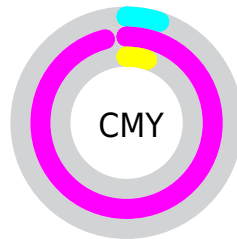
- Red (95%)
- Green (4%)
- Blue (95%)



- Red (95%)
- Yellow (4%)
- Blue (95%)



- Cyan (0%)
- Magenta (96%)
- Yellow (0%)
- Black (5%)




- Cyan (5%)
- Magenta (96%)
- Yellow (5%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 105.4030, 66.8493, 118.9186 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 105.4030, 66.8493, 118.9186 by changing the saturation by 10% instead.





 105.4030, 66.8493,  
118.9186


 105.4030, 66.8493,  
118.9186


255.0000, 0.0000,  
0.0000


 86.9580, 61.6457,  
107.9078


 166.3630, 43.6980,  
77.7346


 74.7960, 53.8376,  
92.2639


 185.1470, 34.4375,  
61.2611

 62.6340, 46.0294,  
76.6200


 203.3440, 25.4664,  
45.3023

 50.7000, 39.0949,  
60.7761

 221.5410, 16.4953,  
29.3435

 39.0650, 32.0130,  
45.5470

 239.7380, 7.5242,  
13.3848

 27.5440, 25.3678,  
30.2179

 15.5390, 19.4543,

13.5593

■ 4.8220, 13.3988,  
-4.2289

■ 0.4560, 1.7472,  
-0.3999

■ 105.4030, 66.8493,  
118.9186

■ 105.4030, 66.8493,  
118.9186

■ 99.5330, 69.7432,  
124.0666

■ 119.4910, 59.9039,  
106.5634

■ 133.5790, 52.9586,  
94.2082

■ 147.6670, 46.0132,  
81.8530

■ 161.7550, 39.0678,  
69.4979

■ 176.4300, 31.8330,  
56.6279

■ 190.5180, 24.8876,  
44.2727

■ 204.6060, 17.9422,  
31.9175

■ 218.6940, 10.9969,  
19.5624

■ 232.7820, 4.0515,  
7.2072

# Harmonies

## Analogous

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



120.5060, 66.3055, -33.7698



105.4030, 66.8493, 118.9186



93.1170, 27.0573, 141.9714

# Triad

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



105.4030, 66.8493, 118.9186



129.7980, -63.9904, 37.8882



128.6030, 48.5097, -112.7848

# Complementary

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



105.4030, 66.8493, 118.9186



145.5970, -66.8493, -118.9186

# 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.



116.2570, 6.2823, -101.9574



105.4030, 66.8493, 118.9186



113.6870, -56.0477, -36.5595

# Square

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



105.4030, 66.8493, 118.9186



121.9650, -60.1287, 106.1477



99.2030, -48.9071, -87.0010



129.4470, 61.8976, -113.5250



# Rectangle

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



105.4030, 66.8493, 118.9186



86.0490, -0.0242, 148.1700



99.2030, -48.9071, -87.0010



125.0690, 34.9690, -109.6855

# Sweetspot

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



105.4030, 66.8493, 118.9186



211.5620, 21.4149, 38.0951



36.3340, 100.9003, -23.0949



101.5850, 13.0226, 23.1660



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.



105.4030, 66.8493, 118.9186



105.3150, 73.7947, 131.2737



92.1790, 16.1808, 130.5160



112.9560, 3.4727, 6.1776



75.9920, 53.2479, 94.7230



23.1280, 16.2059, 28.8287



# Inverse Universe

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



105.4030, 66.8493, 118.9186



105.3150, 73.7947, 131.2737



158.7070, -16.6176, -130.4160



112.9560, 3.4727, 6.1776



75.9920, 53.2479, 94.7230



23.1280, 16.2059, 28.8287



# Previews

## White Background



This preview shows how the YUV color 105.4030, 66.8493, 118.9186 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

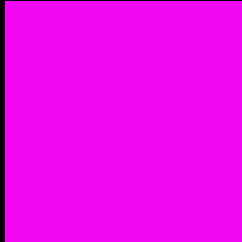
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 105.4030, 66.8493, 118.9186 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 105.4030, 66.8493, 118.9186 Background**



This preview shows how black text looks on a background with the YUV color 105.4030, 66.8493, 118.9186.



This preview shows how white text looks on a background with the YUV color 105.4030, 66.8493, 118.9186.



# 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

105.4030, 66.8493, 118.9186

### Protanopia

130.4410, 61.4076, -49.4988

### Deuteranopia

132.2880, 46.6930, -43.2256



## Tritanopia

134.8530, -16.6895, 79.9359

# Trichromacy



## Original Color

105.4030, 66.8493, 118.9186



## Protanomaly

121.6950, 63.2544, 11.6685



## Deuteranomaly

122.3120, 54.0762, 15.5124



## Tritanomaly

123.9650, 13.8213, 93.8697

# Monochromacy



## Original Color

105.4030, 66.8493, 118.9186



## Achromatopsia

105.0000, 0.0000, 0.0000



## Achromatomaly

104.6920, 24.3088, 43.2431

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 105.4030, 66.8493, 118.9186 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(241, 10, 241)` looks like.

```
.text, #text, p{  
    color:rgb(241, 10, 241)  
}
```

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(241, 10, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 10, 241) }
```

## Border

The CSS property to change the border of an element to YUV 105.4030, 66.8493, 118.9186 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(241, 10, 241) }
```



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

```
.border{ border-color:rgb(241, 10, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 10, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 10, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 10, 241);  
box-shadow:4px 4px 4px 4px rgb(241, 10,  
241) }
```

# Background

The CSS property to change the background color of an element to YUV 105.4030, 66.8493, 118.9186 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 10, 241) }
```

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

```
.background{ background-color: rgb(241, 10,  
241) }
```

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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