

# Converting Colors

YUV(121.9190, 6.9419,  
107.0650)

Have a look what the booklet for  
YUV(121.9190, 6.9419, 107.0650)  
contains.

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# Color

**YUV(121.9190, 6.9419,  
107.0650)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	F43988
RGB	244, 57, 136
RGB Percent	96%, 22%, 53%
CMY	0.0431, 0.7765, 0.4667
CMYK	0.00, 0.77, 0.44, 0.04
HSL	335°, 89%, 59%
HSV	335°, 77%, 96%
XYZ	43.2153, 23.9369, 25.6351
YIQ	121.9190, 86.0930, 64.2130

# Conversions

## Conversions Part 2

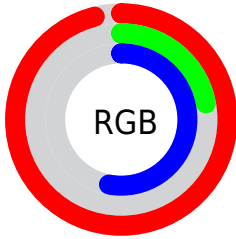
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	244, 57, 136
Decimal	16005512
CIE <sub>Lab</sub>	56.02, 74.03, 0.68
CIE <sub>LCh</sub>	56, 74.029, 0.529
Yxy	23.9369, 0.4657, 0.2580
Android (android.graphics.Color)	4294195592 (0xFFFF43988)
YUV	121.9190, 6.9419, 107.0650
Hunter-Lab	48.9254, 72.0478, 3.1819

# Details

The YUV color **121.9190, 6.9419, 107.0650** is a dark color, and the websafe version is hex **FF3399**. The color can be described as middle washed rose. A complement of this color would be **179.0810, -6.9419, -107.0650**, and the grayscale version is **122.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **168.8180, 9.9497, 75.5816**, and **64.3360, 11.1734, 103.1913** is the 20% darker color. If you saturate the color by 10%, you get **106.2350, 7.7721, 120.8199**, and if you desaturate by 10%, it is **137.6030, 6.1117, 93.3102**.

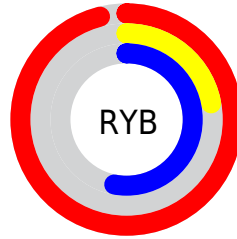
# Distribution



Red (96%)

Green (22%)

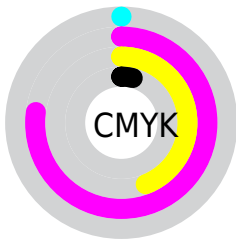
Blue (53%)



Red (96%)

Yellow (22%)

Blue (53%)

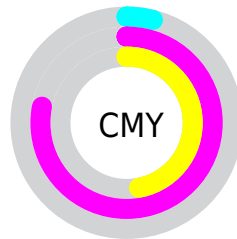


Cyan (0%)

Magenta (77%)

Yellow (44%)

Black (4%)



Cyan (4%)

Magenta (78%)


Yellow (47%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 121.9190, 6.9419, 107.0650 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 121.9190, 6.9419, 107.0650 by changing the saturation by 10% instead.




 121.9190, 6.9419,  
107.0650


 121.9190, 6.9419,  
107.0650


255.0000, 0.0000,  
0.0000


 76.9280, 16.7975,  
119.3351


 168.8180, 9.9497,  
75.5816


 64.3360, 11.1734,  
103.1913


 189.6200, 13.4983,  
57.3383


 52.4450, 5.6966,  
86.4327


 209.8350, 17.3363,  
39.6097

 40.9670, 0.5093,  
70.1889

 228.5850, 13.0226,  
23.1660

 29.7170, -3.8045,  
53.7452

 246.1950, 4.3409,  
7.7220

 19.1790, -7.9762,  
38.4310

 8.1870, -3.5432,

16.4990

■ 0.0000, 0.0000,  
0.0000

■ 121.9190, 6.9419,  
107.0650

■ 121.9190, 6.9419,  
107.0650

■ 106.2350, 7.7721,  
120.8199

■ 137.6030, 6.1117,  
93.3102

■ 89.9640, 8.8917,  
135.0896

■ 153.8740, 4.9921,  
79.0405

■ 84.6980, 9.0229,  
139.7079

■ 169.5580, 4.1619,  
65.2856

■ 185.8290, 3.0423,  
51.0160

■ 201.5130, 2.2121,  
37.2611

■ 217.3110, 1.8187,  
23.4063

■ 233.5820, 0.6991,  
9.1366

■ 249.2660, -0.1311,  
-4.6183

■ 251.7110, 1.6215,  
-6.7625

# Harmonies

## Analogous

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



133.9090, 32.0899, 67.6088



121.9190, 6.9419, 107.0650



123.2320, -24.7644, 103.2825

# Triad

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



121.9190, 6.9419, 107.0650



116.1670, -57.2703, -17.6865



120.2030, 62.0179, -105.4180

# Complementary

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



121.9190, 6.9419, 107.0650



179.0810, -6.9419, -107.0650

# 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.



117.6660, 39.6047, -103.1931



121.9190, 6.9419, 107.0650



100.2700, -16.8951, -87.9368

# Square

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



121.9190, 6.9419, 107.0650



125.6230, -61.9321, 31.0256



110.3700, 11.6496, -96.7945



112.4240, 70.2900, -98.5958



# Rectangle

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



121.9190, 6.9419, 107.0650



125.9760, -46.8232, 85.0900



110.3700, 11.6496, -96.7945



119.8950, 55.7608, -105.1479

# Sweetspot

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



121.9190, 6.9419, 107.0650



216.4910, 2.2229, 33.7724



110.0120, 66.0561, 46.4705



104.4740, 1.2453, 20.6323



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.



121.9190, 6.9419, 107.0650



101.6650, 9.0392, 134.4748



119.9570, -31.0378, 108.7857



114.1580, 0.4151, 6.8774



64.6200, 7.0893, 106.4503



20.4910, 2.2229, 33.7724



# Inverse Universe

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



121.9190, 6.9419, 107.0650



101.6650, 9.0392, 134.4748



181.0430, 31.0378, -108.7857



114.1580, 0.4151, 6.8774



64.6200, 7.0893, 106.4503



20.4910, 2.2229, 33.7724



# Previews

## White Background



This preview shows how the YUV color 121.9190, 6.9419, 107.0650 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

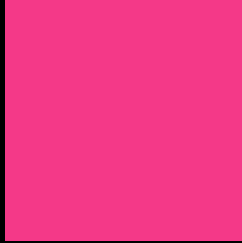
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 121.9190, 6.9419, 107.0650 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 121.9190, 6.9419, 107.0650

## Background



This preview shows how black text looks on a background with the YUV color 121.9190, 6.9419, 107.0650.



This preview shows how white text looks on a background with the YUV color 121.9190, 6.9419,



# 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

121.9190, 6.9419, 107.0650

### Protanopia

134.9980, 23.1720, -12.2762

### Deuteranopia

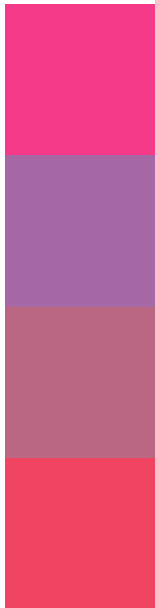
135.9370, -4.4059, 13.2103



**Tritanopia**

123.3890, -22.8698, 102.2678

# Trichromacy



## Original Color

121.9190, 6.9419, 107.0650

## Protanomaly

130.0790, 17.2161, 31.5027

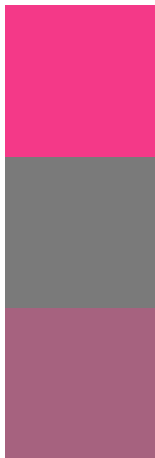
## Deuteranomaly

130.5960, -0.2938, 47.7123

## Tritanomaly

122.5600, -12.1081, 103.8719

# Monochromacy



## Original Color

121.9190, 6.9419, 107.0650

## Achromatopsia

122.0000, 0.0000, 0.0000

## Achromatomaly

121.6380, 2.6435, 38.9055

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 121.9190, 6.9419, 107.0650 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(244, 57, 136)` looks like.

```
.text, #text, p{  
    color:rgb(244, 57, 136)  
}
```

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(244, 57, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 57, 136) }
```

## Border

The CSS property to change the border of an element to YUV 121.9190, 6.9419, 107.0650 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(244, 57, 136) }
```



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

```
.border{ border-color:rgb(244, 57, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 57, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 57, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 57, 136);  
box-shadow:4px 4px 4px 4px rgb(244, 57,  
136) }
```

# Background

The CSS property to change the background color of an element to YUV 121.9190, 6.9419, 107.0650 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 57, 136) }
```

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

```
.background{ background-color: rgb(244, 57,  
136) }
```

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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