

# Converting Colors

YUV(119.4270, -0.2105,  
114.5125)

Have a look what the booklet for  
YUV(119.4270, -0.2105, 114.5125)  
contains.

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# Color

**YUV(119.4270, -0.2105,  
114.5125)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	FA3577
RGB	250, 53, 119
RGB Percent	98%, 21%, 47%
CMY	0.0196, 0.7922, 0.5333
CMYK	0.00, 0.79, 0.52, 0.02
HSL	340°, 95%, 59%
HSV	340°, 79%, 98%
XYZ	44.0272, 24.2021, 19.8037
YIQ	119.4270, 96.2260, 62.2900

# Conversions

## Conversions Part 2

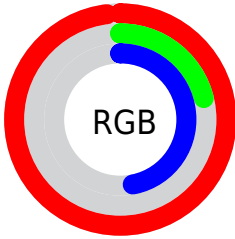
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	250, 53, 119
Decimal	16397687
CIE Lab	56.29, 75.28, 11.32
CIE LCh	56, 76.123, 8.553
Yxy	24.2021, 0.5001, 0.2749
Android (android.graphics.Color)	4294587767 (0xFFFA3577)
YUV	119.4270, -0.2105, 114.5125
Hunter-Lab	49.1956, 73.6547, 10.5697

# Details

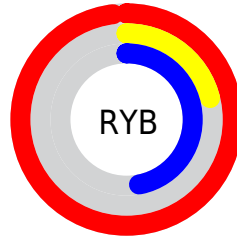
The YUV color **119.4270, -0.2105, 114.5125** is a dark color, and the websafe version is hex **FF3366**. The color can be described as middle washed rose. A complement of this color would be **183.5730, 0.2105, -114.5125**, and the grayscale version is **119.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **165.5920, 2.6661, 78.4108**, and **64.0070, 3.4475, 107.8649** is the 20% darker color. If you saturate the color by 10%, you get **102.8140, -0.4013, 129.0821**, and if you desaturate by 10%, it is **136.0400, -0.0197, 99.9429**.

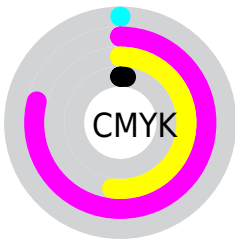
# Distribution



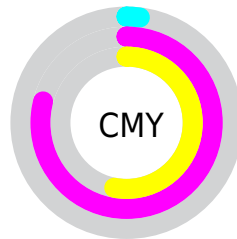
- Red (98%)
- Green (21%)
- Blue (47%)



- Red (98%)
- Yellow (21%)
- Blue (47%)



- Cyan (0%)
- Magenta (79%)
- Yellow (52%)
- Black (2%)



- Cyan (2%)
- Magenta (79%)
- Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 119.4270, -0.2105, 114.5125 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 119.4270, -0.2105, 114.5125 by changing the saturation by 10% instead.



 119.4270, -0.2105,  
114.5125


 119.4270, -0.2105,  
114.5125


255.0000, 0.0000,  
0.0000

 76.0120, 9.3611,  
124.5235


 165.5920, 2.6661,  
78.4108


 64.0070, 3.4475,  
107.8649


 186.2800, 5.7780,  
60.2674


 52.2300, -1.5924,  
91.0063


 206.4950, 9.6160,  
42.5389

 40.6810, -5.7587,  
73.9478

 227.4110, 13.6014,  
24.1956

 28.6330, -13.1301,  
58.2039

 245.0210, 4.9196,  
8.7516

 19.4780, -8.1237,  
39.0458

 9.0840, -3.9854,

18.3433

■ 0.0000, 0.0000,  
0.0000

■ 119.4270, -0.2105,  
114.5125

■ 119.4270, -0.2105,  
114.5125

■ 102.8140, -0.4013,  
129.0821

■ 136.0400, -0.0197,  
99.9429

■ 86.3150, -0.1553,  
143.5517

■ 152.5390, -0.2657,  
85.4733

■ 84.3260, -0.1607,  
145.2961

■ 169.1520, -0.0749,  
70.9037

■ 185.6510, -0.3209,  
56.4341

■ 202.2640, -0.1302,  
41.8645

218.8770, 0.0606,  
27.2949

235.3760, -0.1854,  
12.8252

251.9890, 0.0054,  
-1.7444

253.5050, 0.7370,  
-3.0739

# Harmonies

## Analogous

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



130.0530, 27.0889, 85.0225



119.4270, -0.2105, 114.5125



124.3920, -34.2103, 99.6342

# Triad

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



119.4270, -0.2105, 114.5125



111.0400, -54.7427, -35.1151



120.0550, 66.5279, -105.2882

# Complementary

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



119.4270, -0.2105, 114.5125



183.5730, 0.2105, -114.5125

# 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.



120.4190, 47.6144, -105.6075



119.4270, -0.2105, 114.5125



103.9690, -10.3377, -91.1808

# Square

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



119.4270, -0.2105, 114.5125



124.6600, -61.4574, 18.7152



113.7100, 19.3700, -99.7237



109.4890, 71.7369, -96.0219



# Rectangle

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



119.4270, -0.2105, 114.5125



124.7460, -61.4998, 79.1528



113.7100, 19.3700, -99.7237



121.6050, 62.3127, -106.6476

# Sweetspot

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



119.4270, -0.2105, 114.5125



214.5190, -0.2559, 35.5018



113.7300, 67.1811, 58.9958



103.4310, -0.2125, 21.5470



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.



119.4270, -0.2105, 114.5125



94.5920, -0.2919, 140.6778



129.5130, -37.7209, 105.6671



116.4570, 0.2677, 7.4922



63.6930, -0.3416, 109.8942



20.6330, 0.1809, 35.4019



# Inverse Universe

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



119.4270, -0.2105, 114.5125



94.5920, -0.2919, 140.6778



173.4870, 37.7209, -105.6671



116.4570, 0.2677, 7.4922



63.6930, -0.3416, 109.8942



20.6330, 0.1809, 35.4019



# Previews

## White Background



This preview shows how the YUV color 119.4270, -0.2105, 114.5125 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 119.4270, -0.2105, 114.5125 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 119.4270, -0.2105, 114.5125

## Background



This preview shows how black text looks on a background with the YUV color 119.4270, -0.2105, 114.5125.



This preview shows how white text looks on a background with the YUV color 119.4270, -0.2105,



# 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

119.4270, -0.2105, 114.5125

### Protanopia

135.8820, 12.3832, -5.1585

### Deuteranopia

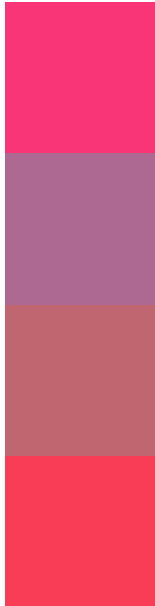
135.7930, -12.7159, 18.5985



## Tritanopia

120.7600, -25.5177, 111.5895

# Trichromacy



## Original Color

119.4270, -0.2105, 114.5125

## Protanomaly

130.3050, 7.7376, 38.3205

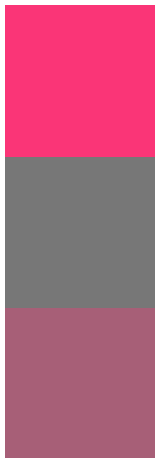
## Deuteranomaly

129.8650, -8.3144, 53.6154

## Tritanomaly

120.1760, -16.3558, 112.9786

# Monochromacy



## Original Color

119.4270, -0.2105, 114.5125

## Achromatopsia

119.0000, 0.0000, 0.0000

## Achromatomaly

119.2640, -0.1302, 41.8645

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 119.4270, -0.2105, 114.5125 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(250, 53, 119)` looks like.

```
.text, #text, p{  
    color:rgb(250, 53, 119)  
}
```

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(250, 53, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 53, 119) }
```

## Border

The CSS property to change the border of an element to YUV 119.4270, -0.2105, 114.5125 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(250, 53, 119) }
```



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

```
.border{ border-color:rgb(250, 53, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 53, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 53, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 53, 119);  
box-shadow:4px 4px 4px 4px rgb(250, 53,  
119) }
```

# Background

The CSS property to change the background color of an element to YUV 119.4270, -0.2105, 114.5125 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 53, 119) }
```

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

```
.background{ background-color: rgb(250, 53,  
119) }
```

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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