

# Converting Colors

YUV(245.0370, 3.9258, 0.8446)

Have a look what the booklet for  
YUV(245.0370, 3.9258, 0.8446)  
contains.

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# Color

**YUV(245.0370, 3.9258,  
0.8446)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F6F3FD
RGB	246, 243, 253
RGB Percent	96%, 95%, 99%
CMY	0.0353, 0.0471, 0.0078
CMYK	0.03, 0.04, 0.00, 0.01
HSL	258°, 71%, 97%
HSV	258°, 4%, 99%
XYZ	87.7863, 90.7859, 105.8251
YIQ	245.0370, -1.4220, 3.7460

# Conversions

## Conversions Part 2

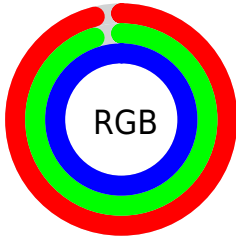
Format	Color
R <sub>Y</sub> B	246, 243, 253
Decimal	16184317
CIE Lab	96.32, 2.78, -4.45
CIE LCh	96, 5.250, 302.019
Yxy	90.7859, 0.3087, 0.3192
Android (android.graphics.Color)	4294374397 (0xFFFF6F3FD)
YUV	245.0370, 3.9258, 0.8446
Hunter-Lab	95.2816, -2.2846, 0.8463

# Details

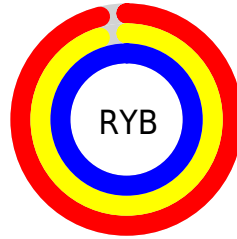
The YUV color  $245.0370, 3.9258, 0.8446$  is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be  $250.9630, -3.9258, -0.8446$ , and the grayscale version is  $245.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $255.0000, 0.0000, 0.0000$ , and  $188.9230, 3.4890, 0.9445$  is the 20% darker color. If you saturate the color by 10%, you get  $224.9800, 13.8139, 2.6485$ , and if you desaturate by 10%, it is  $254.7720, -0.8736, 0.2000$ .

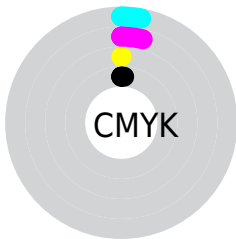
# Distribution



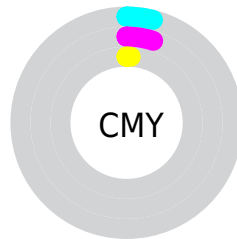
- Red (96%)
- Green (95%)
- Blue (99%)



- Red (96%)
- Yellow (95%)
- Blue (99%)



- Cyan (3%)
- Magenta (4%)
- Yellow (0%)
- Black (1%)



- Cyan (4%)
- Magenta (5%)
- Yellow (1%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 245.0370, 3.9258, 0.8446 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 245.0370, 3.9258, 0.8446 by changing the saturation by 10% instead.



245.0370, 3.9258,  
0.8446

245.0370, 3.9258,  
0.8446

255.0000, 0.0000,  
0.0000

216.9230, 3.4890,  
0.9445

188.9230, 3.4890,  
0.9445

161.9230, 3.4890,  
0.9445

135.6240, 3.6364,  
0.3298

110.5100, 3.1996,  
0.4297

85.9230, 3.4890,  
0.9445

62.5100, 3.1996,

0.4297

■ 40.8090, 3.0522,  
1.0445

■ 20.3960, 2.7628,  
0.5297

■ 245.0370, 3.9258,  
0.8446

■ 245.0370, 3.9258,  
0.8446

■ 224.9800, 13.8139,  
2.6485

254.7720, -0.8736,  
0.2000

■ 204.6350, 23.8439,  
5.5821

■ 184.5780, 33.7320,  
7.3861

■ 164.5210, 43.6201,  
9.1901

■ 143.8770, 53.7976,  
11.5089

■ 124.1190, 63.5383,  
13.9276

■ 104.0620, 73.4264,  
15.7316

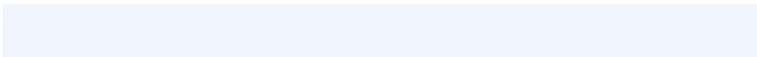
■ 84.0050, 83.3145,  
17.5356

■ 63.6600, 93.3446,  
20.4692

# Harmonies

## Analogous

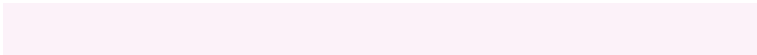
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



244.5310, 4.6682, -3.9737



245.0370, 3.9258, 0.8446



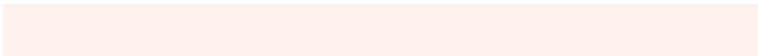
245.7880, 1.5835, 5.4479

# Triad

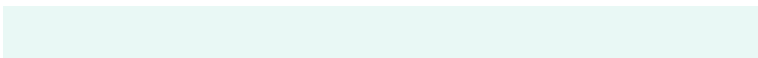
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



245.0370, 3.9258, 0.8446



245.1920, -4.5317, 6.8476



243.1730, 0.9007, -8.9217

# Complementary

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



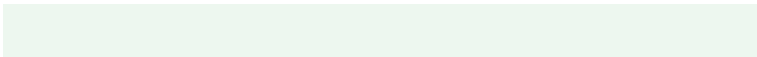
245.0370, 3.9258, 0.8446



250.9630, -3.9258, -0.8446

# 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.



243.0980, -2.0203, -5.3479



245.0370, 3.9258, 0.8446



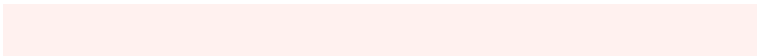
244.3550, -5.1050, 4.0737

# Square

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



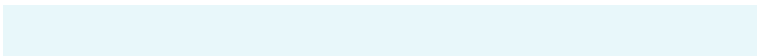
245.0370, 3.9258, 0.8446



244.9580, -2.9373, 8.8068



243.9630, -3.9258, -0.8446



242.8570, 3.5215, -9.5216

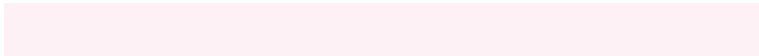


# Rectangle

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



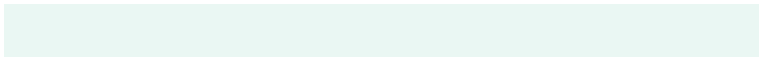
245.0370, 3.9258, 0.8446



245.4570, 0.2677, 7.4922



243.9630, -3.9258, -0.8446



242.6570, 0.1691, -7.5922

# Sweetspot

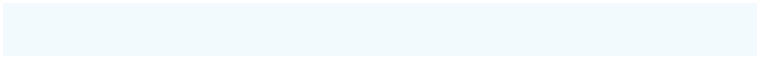
The Sweet Spot groups the original color and five complimentary colors.



245.0370, 3.9258, 0.8446



252.6410, 1.1630, 0.3148



248.2490, 2.3422, -4.6034



126.5270, 0.7262, 0.4148



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.



245.0370, 3.9258, 0.8446



244.6780, 5.0887, 1.1594



246.5320, 3.1887, 3.9184



121.5100, 3.1996, 0.4297



38.8170, 75.0262, 15.9465



12.9770, 25.1543, 5.2822



# Inverse Universe

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



246.7880, 1.5835, 5.4479



246.9130, 2.0149, 7.0923



249.4680, -3.1887, -3.9184



122.9620, 1.0047, 4.4183



72.3850, 30.3762, 104.0254

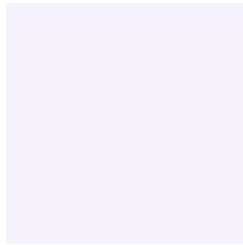


24.2660, 10.2219, 34.8467



# Previews

## White Background



This preview shows how the YUV color 245.0370, 3.9258, 0.8446 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

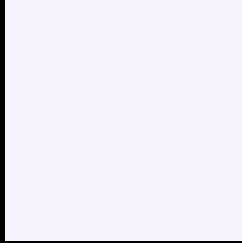
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 245.0370, 3.9258, 0.8446 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

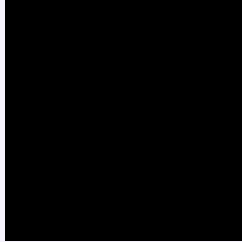
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

# YUV 245.0370, 3.9258, 0.8446

## Background



This preview shows how black text looks on a background with the YUV color 245.0370, 3.9258, 0.8446.



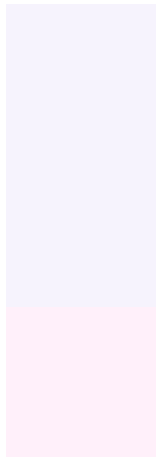
This preview shows how white text looks on a background with the YUV color 245.0370, 3.9258,

0.8446.

# 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

245.0370, 3.9258, 0.8446

### Protanopia

245.0370, 3.9258, 0.8446

### Deuteranopia

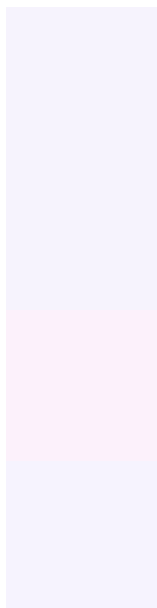
245.6250, 2.1569, 8.2219



## Tritanopia

245.2650, 4.7994, 0.6446

# Trichromacy



## Original Color

245.0370, 3.9258, 0.8446

## Protanomaly

245.0370, 3.9258, 0.8446

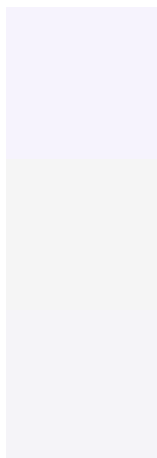
## Deuteranomaly

245.4290, 2.7465, 5.7628

## Tritanomaly

245.1510, 4.3626, 0.7446

# Monochromacy



## Original Color

245.0370, 3.9258, 0.8446

## Achromatopsia

245.0000, 0.0000, 0.0000

## Achromatomaly

244.7550, 1.5998, 0.2149

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 245.0370, 3.9258, 0.8446 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(246, 243, 253)` looks like.

```
.text, #text, p{  
    color:rgb(246, 243, 253)  
}
```

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(246, 243, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 243, 253) }
```

## Border

The CSS property to change the border of an element to YUV 245.0370, 3.9258, 0.8446 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(246, 243, 253) }
```



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

```
.border{ border-color:rgb(246, 243, 253) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 243, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 243, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 243, 253);  
box-shadow:4px 4px 4px 4px rgb(246, 243,  
253) }
```

# Background

The CSS property to change the background color of an element to YUV 245.0370, 3.9258, 0.8446 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 243, 253) }
```

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

```
.background{ background-color: rgb(246,  
243, 253) }
```

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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