

# Converting Colors

YUV(246.4390, 4.2206, -0.3850)

Have a look what the booklet for  
YUV(246.4390, 4.2206, -0.3850)  
contains.

<b>YUV(246.4390, 4.2206, -0.3850)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**YUV(246.4390, 4.2206,  
-0.3850)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F6F5FF
RGB	246, 245, 255
RGB Percent	96%, 96%, 100%
CMY	0.0353, 0.0392, 0.0000
CMYK	0.04, 0.04, 0.00, 0.00
HSL	246°, 100%, 98%
HSV	246°, 4%, 100%
XYZ	88.7084, 92.1176, 107.7128
YIQ	246.4390, -2.6140, 3.3220

# Conversions

## Conversions Part 2

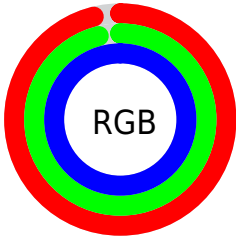
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	246, 245, 255
Decimal	16184831
CIE Lab	96.87, 2.13, -4.68
CIE LCh	97, 5.141, 294.439
Yxy	92.1176, 0.3074, 0.3193
Android (android.graphics.Color)	4294374911 (0xFFFF6F5FF)
YUV	246.4390, 4.2206, -0.3850
Hunter-Lab	95.9779, -2.9812, 0.6454

# Details

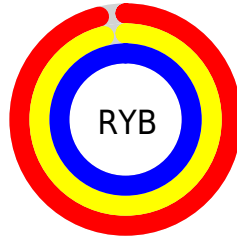
The YUV color `246.4390, 4.2206, -0.3850` is a light color, and the websafe version is hex `FFFFFF`. A complement of this color would be `253.5610, -4.2206, 0.3850`, and the grayscale version is `246.0000, 0.0000, 0.0000`.

A 20% lighter version of the original color is `255.0000, 0.0000, 0.0000`, and `190.3250, 3.7838, -0.2850` is the 20% darker color. If you saturate the color by 10%, you get `224.8870, 14.8457, -1.6549`, and if you desaturate by 10%, it is `255.0000, 0.0000, 0.0000`.

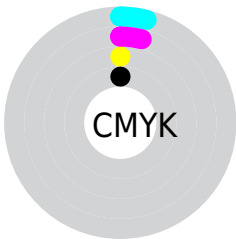
# Distribution



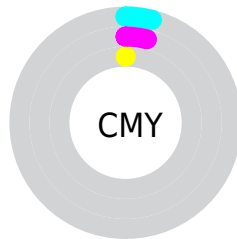
- Red (96%)
- Green (96%)
- Blue (100%)



- Red (96%)
- Yellow (96%)
- Blue (100%)



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



- Cyan (4%)
- Magenta (4%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 246.4390, 4.2206, -0.3850 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 246.4390, 4.2206, -0.3850 by changing the saturation by 10% instead.



246.4390, 4.2206,  
-0.3850

246.4390, 4.2206,  
-0.3850

255.0000, 0.0000,  
0.0000

218.3250, 3.7838,  
-0.2850

190.3250, 3.7838,  
-0.2850

163.3250, 3.7838,  
-0.2850

137.0260, 3.9312,  
-0.8998

111.3250, 3.7838,  
-0.2850

87.2110, 3.3470,  
-0.1850

63.9120, 3.4944,

-0.7998

■ 41.7980, 3.0576,  
-0.6998

■ 21.0970, 2.9102,  
-0.0851

■ 246.4390, 4.2206,  
-0.3850

■ 246.4390, 4.2206,  
-0.3850

■ 224.8870, 14.8457,  
-1.6549

255.0000, 0.0000,  
0.0000

■ 202.7480, 25.7602,  
-2.4100

■ 181.1960, 36.3854,  
-3.6799

■ 159.0570, 47.2999,  
-4.4350

■ 137.5050, 57.9250,  
-5.7049

■ 115.3660, 68.8396,  
-6.4600

■ 93.2270, 79.7541,  
-7.2151

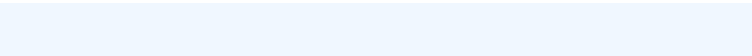
■ 71.6750, 90.3792,  
-8.4850

■ 50.1230, 101.0044,  
-9.7549

# Harmonies

## Analogous

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



245.8190, 4.5262, -5.1033



246.4390, 4.2206, -0.3850



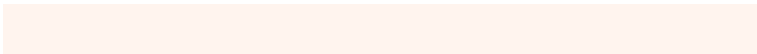
247.3040, 2.3151, 4.1184

# Triad

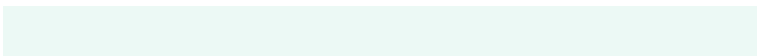
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



246.4390, 4.2206, -0.3850



246.6050, -4.2423, 7.3624



244.6570, 0.1691, -7.5922

# Complementary

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



246.4390, 4.2206, -0.3850



253.5610, -4.2206, 0.3850

# 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.



244.6960, -2.3151, -4.1184



246.4390, 4.2206, -0.3850



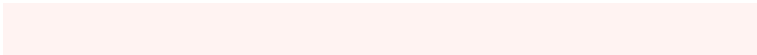
245.7680, -4.8156, 4.5885

# Square

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



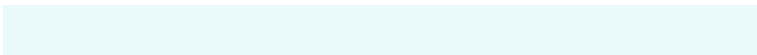
246.4390, 4.2206, -0.3850



246.4740, -2.2057, 7.4773



245.5610, -4.2206, 0.3850



244.6290, 2.6479, -9.3216



# Rectangle

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



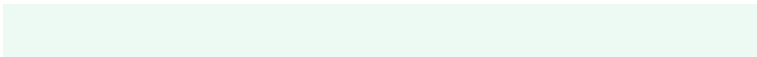
246.4390, 4.2206, -0.3850



247.2720, 0.8519, 6.7775



245.5610, -4.2206, 0.3850



244.7280, -0.8519, -6.7775

# Sweetspot

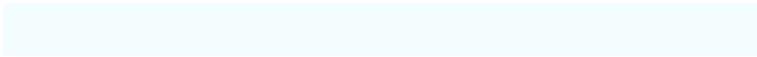
The Sweet Spot groups the original color and five complimentary colors.



246.4390, 4.2206, -0.3850



252.6410, 1.1630, 0.3148



251.4230, 1.7635, -5.6330



126.2280, 0.8736, -0.2000



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.



246.4390, 4.2206, -0.3850



244.0800, 5.3836, -0.0702



247.9340, 3.4835, 2.6889



121.2110, 3.3470, -0.1850



27.4550, 80.6277, -7.4150



9.0900, 27.0706, -2.7099



# Inverse Universe

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



249.0160, 2.4571, 5.2480



247.2550, 3.3253, 6.7924



252.0660, -3.4835, -2.6889



123.1900, 1.8783, 4.2184



76.7170, 46.9745, 100.2262

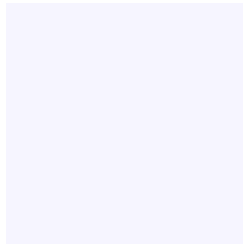


25.6340, 15.4634, 33.6470



# Previews

## White Background



This preview shows how the YUV color 246.4390, 4.2206, -0.3850 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

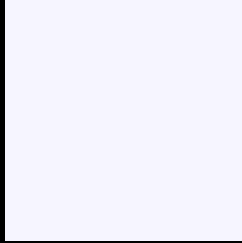
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 246.4390, 4.2206, -0.3850 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 246.4390, 4.2206, -0.3850

## Background



This preview shows how black text looks on a background with the YUV color 246.4390, 4.2206, -0.3850.



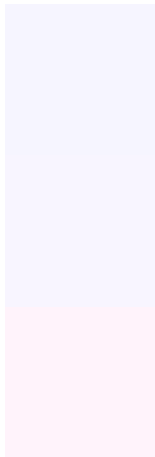
This preview shows how white text looks on a background with the YUV color 246.4390, 4.2206, -0.3850.

-0.350.

# 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

246.4390, 4.2206, -0.3850

### Protanopia

247.0370, 3.9258, 0.8446

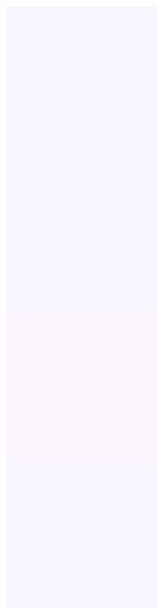
### Deuteranopia

247.5000, 1.7255, 6.5775

## **Tritanopia**

246.7380, 4.0732, 0.2298

# Trichromacy



## Original Color

246.4390, 4.2206, -0.3850

## Protanomaly

246.7380, 4.0732, 0.2298

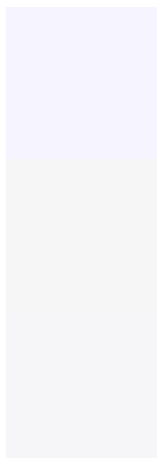
## Deuteranomaly

247.3040, 2.3151, 4.1184

## Tritanomaly

246.7380, 4.0732, 0.2298

# Monochromacy



## Original Color

246.4390, 4.2206, -0.3850

## Achromatopsia

246.0000, 0.0000, 0.0000

## Achromatomaly

246.3420, 1.3104, -0.2999

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 246.4390, 4.2206, -0.3850 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, 245, 255)` looks like.

```
.text, #text, p{  
    color:rgb(246, 245, 255)  
}
```

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, 245, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 245, 255) }
```

## Border

The CSS property to change the border of an element to YUV 246.4390, 4.2206, -0.3850 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, 245, 255) }
```



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

```
.border{ border-color:rgb(246, 245, 255) }
```

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

Here you see how a box with a 4 pixel rgb(246, 245, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 245, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 245, 255);  
box-shadow:4px 4px 4px 4px rgb(246, 245,  
255) }
```

# Background

The CSS property to change the background color of an element to YUV 246.4390, 4.2206, -0.3850 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 245, 255) }
```

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

```
.background{ background-color: rgb(246,  
245, 255) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor