

# Converting Colors

YUV(249.2610, 0.8573, 5.0331)

Have a look what the booklet for  
YUV(249.2610, 0.8573, 5.0331)  
contains.

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# Color

**YUV(249.2610, 0.8573,  
5.0331)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFF6FB
RGB	255, 246, 251
RGB Percent	100%, 96%, 98%
CMY	0.0000, 0.0353, 0.0157
CMYK	0.00, 0.04, 0.02, 0.00
HSL	327°, 100%, 98%
HSV	327°, 4%, 100%
XYZ	91.6084, 94.1366, 104.6087
YIQ	249.2610, 3.7590, 3.4630

# Conversions

## Conversions Part 2

<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	255, 246, 251
Decimal	16774907
CIE <sub>Lab</sub>	97.69, 3.87, -1.34
CIE <sub>LCh</sub>	98, 4.090, 340.937
Yxy	94.1366, 0.3155, 0.3242
Android (android.graphics.Color)	4294964987 (0xFFFFF6FB)
YUV	249.2610, 0.8573, 5.0331
Hunter-Lab	97.0240, -1.2554, 3.9919

# Details

The YUV color 249.2610, 0.8573, 5.0331 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 251.7390, -0.8573, -5.0331, and the grayscale version is 249.0000, 0.0000, 0.0000.

A 20% lighter version of the original color is 255.0000, 0.0000, 0.0000, and 192.9620, 1.0047, 4.4183 is the 20% darker color. If you saturate the color by 10%, you get 233.3320, 3.2873, 19.0028, and if you desaturate by 10%, it is 255.0000, 0.0000, 0.0000.

# Distribution



Red (100%)

Green (96%)

Blue (98%)



Red (100%)

Yellow (96%)

Blue (98%)



Cyan (0%)

Magenta (4%)

Yellow (2%)

Black (0%)



Cyan (0%)

Magenta (4%)


Yellow (2%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 249.2610, 0.8573, 5.0331 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 249.2610, 0.8573, 5.0331 by changing the saturation by 10% instead.




 249.2610, 0.8573,  
5.0331


 249.2610, 0.8573,  
5.0331


255.0000, 0.0000,  
0.0000

 220.8480, 0.5679,  
4.5183

 192.9620, 1.0047,  
4.4183

 165.8480, 0.5679,  
4.5183

 139.2610, 0.8573,  
5.0331

 113.8480, 0.5679,  
4.5183

 89.5490, 0.7153,  
3.9035

 65.8480, 0.5679,

4.5183

■ 44.1360, 0.4260,  
3.3887

■ 23.2500, 0.8628,  
3.2887

■ 249.2610, 0.8573,  
5.0331

■ 249.2610, 0.8573,  
5.0331

■ 233.3320, 3.2873,  
19.0028

255.0000, 0.0000,  
0.0000

■ 216.7020, 5.5699,  
33.5873

■ 200.7730, 7.9999,  
47.5571

■ 184.2570, 10.7193,  
62.0416

■ 168.2140, 12.7125,  
76.1113

■ 151.6980, 15.4319,  
90.5959

■ 135.1820, 18.1513,  
105.0804

■ 119.1390, 20.1445,  
119.1501

■ 102.6230, 22.8639,  
133.6346

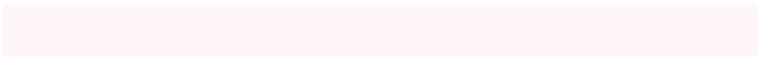
# Harmonies

## Analogous

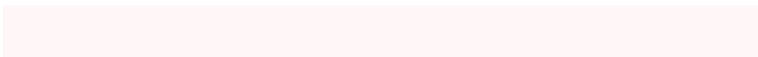
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



248.9940, 2.4680, 1.7593



249.2610, 0.8573, 5.0331



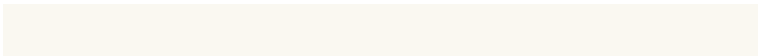
248.8050, -0.8899, 5.4330

# Triad

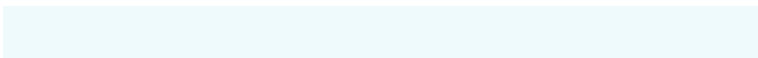
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



249.2610, 0.8573, 5.0331



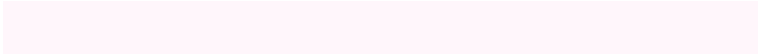
247.8000, -3.3524, 1.9294



247.0530, 2.9319, -7.0625

# Complementary

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



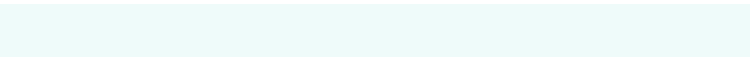
249.2610, 0.8573, 5.0331



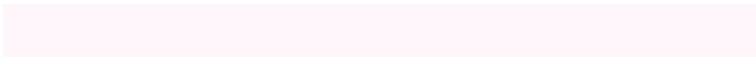
251.7390, -0.8573, -5.0331

# 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.



247.2980, 1.3321, -7.2773



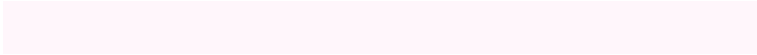
249.2610, 0.8573, 5.0331



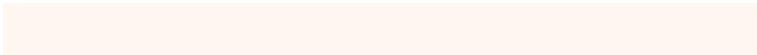
247.8920, -2.9048, -1.6593

# Square

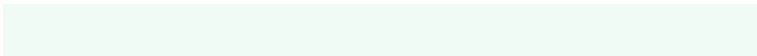
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



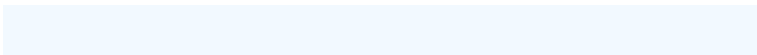
249.2610, 0.8573, 5.0331



248.4090, -3.6526, 4.9033



247.4400, -0.7099, -5.6479



247.5910, 3.6526, -4.9033

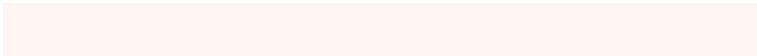


# Rectangle

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



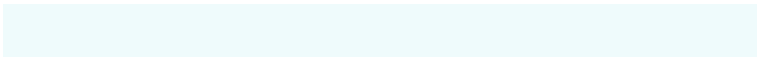
249.2610, 0.8573, 5.0331



248.4630, -2.2003, 5.7329



247.4400, -0.7099, -5.6479



247.5260, 2.2057, -7.4773

# Sweetspot

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



249.2610, 0.8573, 5.0331



253.1250, 0.4314, 1.6444



248.2220, 3.3416, 1.5593



126.7120, 0.1420, 1.1296



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.



249.2610, 0.8573, 5.0331



248.5600, 0.7099, 5.6479



248.8050, -0.8899, 5.4330



123.5490, 0.7153, 3.9035



69.1930, 18.1459, 106.8247



23.1260, 5.8539, 35.8465



# Inverse Universe

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



249.2610, 0.8573, 5.0331



248.5600, 0.7099, 5.6479



252.1950, 0.8899, -5.4330



123.5490, 0.7153, 3.9035



69.1930, 18.1459, 106.8247

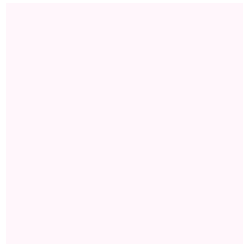


23.1260, 5.8539, 35.8465



# Previews

## White Background



This preview shows how the YUV color 249.2610, 0.8573, 5.0331 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

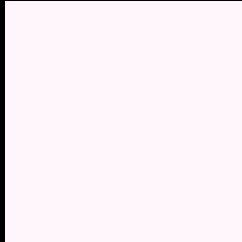
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 249.2610, 0.8573, 5.0331 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

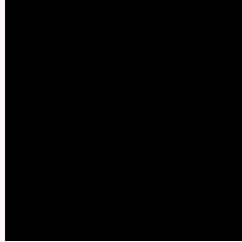
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YUV 249.2610, 0.8573, 5.0331

## Background



This preview shows how black text looks on a background with the YUV color 249.2610, 0.8573, 5.0331.



This preview shows how white text looks on a background with the YUV color 249.2610, 0.8573,



# 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

249.2610, 0.8573, 5.0331

### Protanopia

249.0650, 1.4470, 2.5740

### Deuteranopia

249.0330, -0.0163, 5.2331

## **Tritanopia**

249.4070, 2.7573, 2.2741

# Trichromacy

**Original Color**

249.2610, 0.8573, 5.0331

**Protanomaly**

249.3640, 1.2995, 3.1888

**Deuteranomaly**

249.1470, 0.4205, 5.1331

**Tritanomaly**

249.5920, 2.1731, 2.9888

# Monochromacy

**Original Color**

249.2610, 0.8573, 5.0331

**Achromatopsia**

249.0000, 0.0000, 0.0000

**Achromatomaly**

249.1250, 0.4314, 1.6444

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 249.2610, 0.8573, 5.0331 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(255, 246, 251)` looks like.

```
.text, #text, p{  
    color:rgb(255, 246, 251)  
}
```

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(255, 246, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 246, 251) }
```

## Border

The CSS property to change the border of an element to YUV 249.2610, 0.8573, 5.0331 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(255, 246, 251) }
```



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

```
.border{ border-color:rgb(255, 246, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 246, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 246, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 246, 251);  
box-shadow:4px 4px 4px 4px rgb(255, 246,  
251) }
```

# Background

The CSS property to change the background color of an element to YUV 249.2610, 0.8573, 5.0331 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 246, 251) }
```

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

```
.background{ background-color: rgb(255,  
246, 251) }
```

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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