

# Converting Colors

YUV(249.9940, 2.4680, 1.7593)

Have a look what the booklet for  
YUV(249.9940, 2.4680, 1.7593)  
contains.

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# Color

**YUV(249.9940, 2.4680,  
1.7593)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	FCF8FF
RGB	252, 248, 255
RGB Percent	99%, 97%, 100%
CMY	0.0118, 0.0275, 0.0000
CMYK	0.01, 0.03, 0.00, 0.00
HSL	274°, 100%, 99%
HSV	274°, 3%, 100%
XYZ	91.7623, 95.0503, 108.1179
YIQ	249.9940, 0.1370, 3.0250

# Conversions

## Conversions Part 2

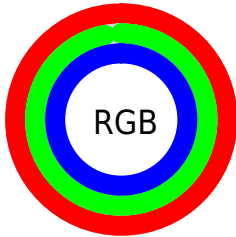
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	252, 248, 255
Decimal	16578815
CIE Lab	98.05, 2.56, -2.89
CIE LCh	98, 3.859, 311.595
Yxy	95.0503, 0.3111, 0.3223
Android (android.graphics.Color)	4294768895 (0xFFFCF8FF)
YUV	249.9940, 2.4680, 1.7593
Hunter-Lab	97.4937, -2.6076, 2.4946

# Details

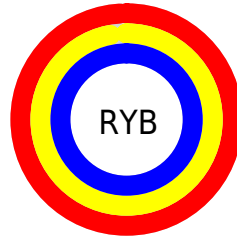
The YUV color 249.9940, 2.4680, 1.7593 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 253.0060, -2.4680, -1.7593, and the grayscale version is 250.0000, 0.0000, 0.0000.

A 20% lighter version of the original color is 255.0000, 0.0000, 0.0000, and 193.5810, 2.1786, 1.2445 is the 20% darker color. If you saturate the color by 10%, you get 232.0300, 11.3242, 7.8667, and if you desaturate by 10%, it is 255.0000, 0.0000, 0.0000.

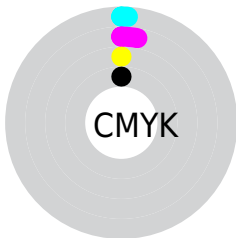
# Distribution



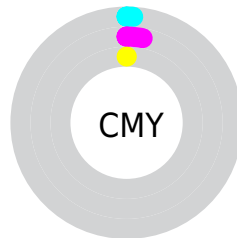
- Red (99%)
- Green (97%)
- Blue (100%)



- Red (99%)
- Yellow (97%)
- Blue (100%)



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




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


# Brightness & Saturation Gradients

These gradients show how the YUV color 249.9940, 2.4680, 1.7593 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 249.9940, 2.4680, 1.7593 by changing the saturation by 10% instead.





 249.9940, 2.4680,  
1.7593


 249.9940, 2.4680,  
1.7593


255.0000, 0.0000,  
0.0000


 220.9940, 2.4680,  
1.7593

 193.5810, 2.1786,  
1.2445

 166.5810, 2.1786,  
1.2445

 139.9940, 2.4680,  
1.7593

 114.5810, 2.1786,  
1.2445

 89.8800, 2.0312,  
1.8592

 66.5810, 2.1786,

1.2445

■ 44.4670, 1.7418,  
1.3444

■ 24.0540, 1.4524,  
0.8296

■ 249.9940, 2.4680,  
1.7593

■ 249.9940, 2.4680,  
1.7593

■ 232.0300, 11.3242,  
7.8667

255.0000, 0.0000,  
0.0000

■ 213.4790, 20.4699,  
14.4889

■ 194.9280, 29.6155,  
21.1111

■ 176.9640, 38.4717,  
27.2186

■ 159.0000, 47.3280,  
33.3260

■ 140.4490, 56.4736,  
39.9482

■ 122.1970, 65.4719,  
47.1852

■ 104.2330, 74.3281,  
53.2927

■ 85.6820, 83.4738,  
59.9149

# Harmonies

## Analogous

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



249.0860, 2.9156, -1.8294



249.9940, 2.4680, 1.7593



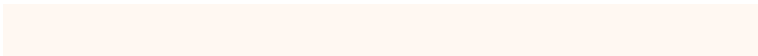
249.9620, 1.0047, 4.4183

# Triad

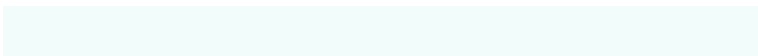
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



249.9940, 2.4680, 1.7593



249.4090, -3.6526, 4.9033



248.5970, 1.1847, -6.6626

# Complementary

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



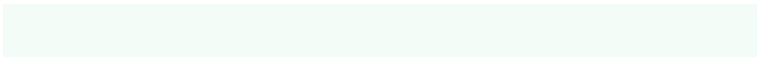
249.9940, 2.4680, 1.7593



253.0060, -2.4680, -1.7593

# 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.



248.7390, -0.8573, -5.0331



249.9940, 2.4680, 1.7593



249.3870, -3.6418, 1.4146

# Square

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



249.9940, 2.4680, 1.7593



249.1640, -2.0529, 5.1182



249.0060, -2.4680, -1.7593

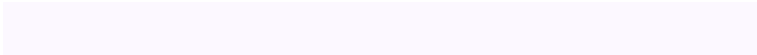


248.3520, 2.7845, -6.4477

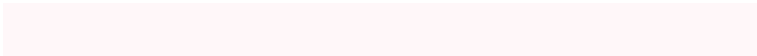


# Rectangle

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



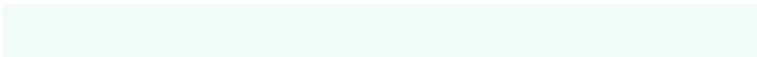
249.9940, 2.4680, 1.7593



249.6200, -0.3057, 4.7183



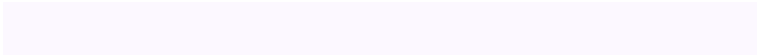
249.0060, -2.4680, -1.7593



248.3690, 0.3111, -6.4626

# Sweetspot

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



249.9940, 2.4680, 1.7593



252.9400, 1.0156, 0.9296



250.5590, 2.1894, -2.2442



126.5270, 0.7262, 0.4148



0.0000, 0.0000, 0.0000

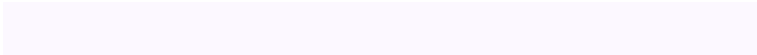


128.0000, 0.0000, 0.0000

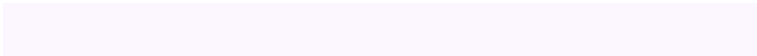


# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



249.9940, 2.4680, 1.7593



249.4070, 2.7573, 2.2741



250.8910, 2.0257, 3.6036



123.5810, 2.1786, 1.2445



54.3650, 67.3611, 47.9149



18.0600, 22.6484, 15.7334

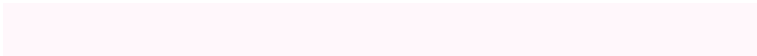


# Inverse Universe

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



250.4350, 0.2785, 4.0035



249.8480, 0.5679, 4.5183



252.1090, -2.0257, -3.6036



124.1360, 0.4260, 3.3887



66.4570, 7.6627, 109.2242

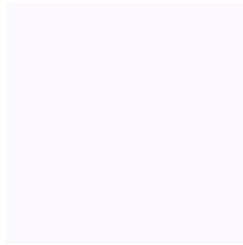


22.2140, 2.3595, 36.6463



# Previews

## White Background



This preview shows how the YUV color 249.9940, 2.4680, 1.7593 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 249.9940, 2.4680, 1.7593 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

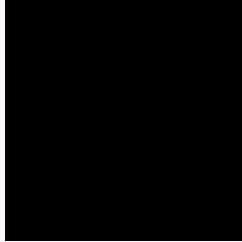
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YUV 249.9940, 2.4680, 1.7593

## Background



This preview shows how black text looks on a background with the YUV color 249.9940, 2.4680, 1.7593.



This preview shows how white text looks on a background with the YUV color 249.9940, 2.4680,



# 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

249.9940, 2.4680, 1.7593

### Protanopia

249.9940, 2.4680, 1.7593

### Deuteranopia

249.8480, 0.5679, 4.5183

## **Tritanopia**

249.6950, 2.6154, 1.1445

# Trichromacy

## Original Color

249.9940, 2.4680, 1.7593

## Protanomaly

249.9940, 2.4680, 1.7593

## Deuteranomaly

249.6630, 1.1521, 3.8035

## Tritanomaly

249.6950, 2.6154, 1.1445

# Monochromacy

## Original Color

249.9940, 2.4680, 1.7593

## Achromatopsia

250.0000, 0.0000, 0.0000

## Achromatomaly

249.9400, 1.0156, 0.9296

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 249.9940, 2.4680, 1.7593 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(252, 248, 255)` looks like.

```
.text, #text, p{  
    color:rgb(252, 248, 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(252, 248, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 248, 255) }
```

## Border

The CSS property to change the border of an element to YUV 249.9940, 2.4680, 1.7593 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(252, 248, 255) }
```



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

```
.border{ border-color:rgb(252, 248, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 248, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 248, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 248, 255);  
box-shadow:4px 4px 4px 4px rgb(252, 248,  
255) }
```

# Background

The CSS property to change the background color of an element to YUV 249.9940, 2.4680, 1.7593 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 248, 255) }
```

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

```
.background{ background-color: rgb(252,  
248, 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](#).

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