

# Converting Colors

YUV(250.2390, 0.8682, 1.5444)

Have a look what the booklet for  
YUV(250.2390, 0.8682, 1.5444)  
contains.

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# Color

**YUV(250.2390, 0.8682,  
1.5444)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FCF9FC
RGB	252, 249, 252
RGB Percent	99%, 98%, 99%
CMY	0.0118, 0.0235, 0.0118
CMYK	0.00, 0.01, 0.00, 0.01
HSL	300°, 33%, 98%
HSV	300°, 1%, 99%
XYZ	91.5913, 95.4751, 105.6966
YIQ	250.2390, 0.8250, 1.5690

# Conversions

## Conversions Part 2

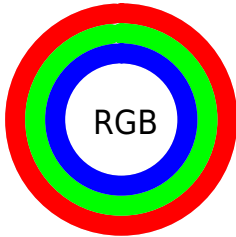
Format	Color
R <sub>Y</sub> B	252, 249, 252
Decimal	16579068
CIE Lab	98.22, 1.52, -1.09
CIE LCh	98, 1.875, 324.344
Yxy	95.4751, 0.3129, 0.3261
Android (android.graphics.Color)	4294769148 (0xFFFCF9FC)
YUV	250.2390, 0.8682, 1.5444
Hunter-Lab	97.7114, -3.6751, 4.2626

# Details

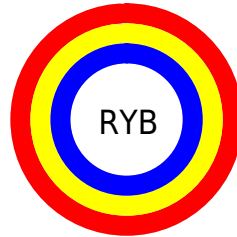
The YUV color 250.2390, 0.8682, 1.5444 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 250.7610, -0.8682, -1.5444, and the grayscale version is 250.0000, 0.0000, 0.0000.

A 20% lighter version of the original color is 255.0000, 0.0000, 0.0000, and 193.8260, 0.5788, 1.0296 is the 20% darker color. If you saturate the color by 10%, you get 235.5640, 8.1029, 14.4144, and if you desaturate by 10%, it is 253.7610, -0.8682, -1.5444.

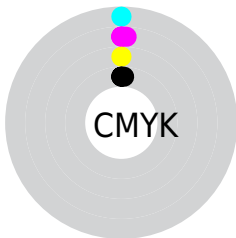
# Distribution



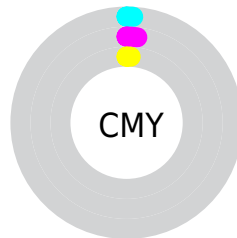
- Red (99%)
- Green (98%)
- Blue (99%)



- Red (99%)
- Yellow (98%)
- Blue (99%)



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




- Cyan (1%)
- Magenta (2%)
- Yellow (1%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 250.2390, 0.8682, 1.5444 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 250.2390, 0.8682, 1.5444 by changing the saturation by 10% instead.




 250.2390, 0.8682,  
1.5444


 250.2390, 0.8682,  
1.5444


255.0000, 0.0000,  
0.0000


 221.2390, 0.8682,  
1.5444

 193.8260, 0.5788,  
1.0296

 166.2390, 0.8682,  
1.5444

 140.2390, 0.8682,  
1.5444

 114.8260, 0.5788,  
1.0296

 90.2390, 0.8682,  
1.5444

 66.8260, 0.5788,

1.0296

■ 44.8260, 0.5788,  
1.0296

■ 23.8260, 0.5788,  
1.0296

■ 250.2390, 0.8682,  
1.5444

■ 250.2390, 0.8682,  
1.5444

■ 235.5640, 8.1029,  
14.4144

■ 253.7610, -0.8682,  
-1.5444

■ 220.8890, 15.3377,  
27.2843

■ 205.6270, 22.8619,  
40.6691

■ 190.9520, 30.0967,  
53.5391

■ 176.2770, 37.3314,  
66.4091

■ 161.6020, 44.5662,  
79.2790

■ 146.9270, 51.8010,  
92.1490

■ 131.6650, 59.3252,  
105.5338

■ 116.9900, 66.5599,  
118.4038

# Harmonies

## Analogous

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



250.3420, 1.3104, -0.2999



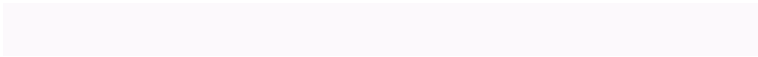
250.2390, 0.8682, 1.5444



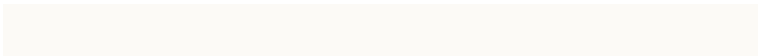
250.6090, -0.3002, 2.9739

# Triad

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



250.2390, 0.8682, 1.5444



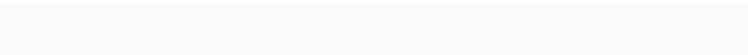
250.1420, -2.0420, 1.6295



249.5050, 0.7370, -3.0739

# Complementary

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



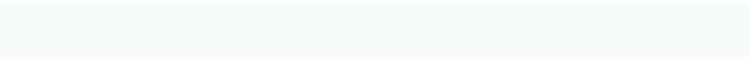
250.2390, 0.8682, 1.5444



250.7610, -0.8682, -1.5444

# Split Complementary

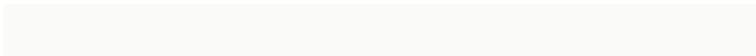
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



249.2770, -0.1366, -2.8739



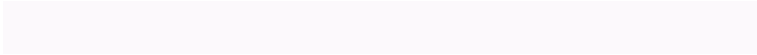
250.2390, 0.8682, 1.5444



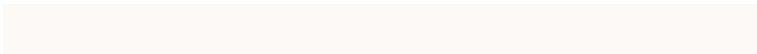
249.6580, -1.3104, 0.2999

# Square

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



250.2390, 0.8682, 1.5444



249.9680, -1.4632, 2.6591



249.7610, -0.8682, -1.5444

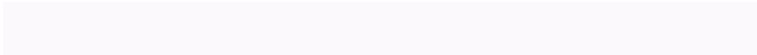


249.7330, 1.6106, -3.2738

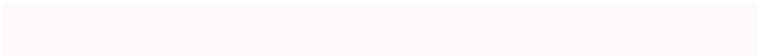


# Rectangle

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



250.2390, 0.8682, 1.5444



250.4950, -0.7370, 3.0739



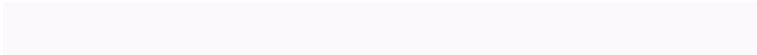
249.7610, -0.8682, -1.5444



249.5050, 0.7370, -3.0739

# Sweetspot

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



250.2390, 0.8682, 1.5444

255.0000, 0.0000, 0.0000



249.3420, 1.3104, -0.2999



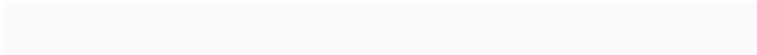
128.0000, 0.0000, 0.0000



0.0000, 0.0000, 0.0000

# Same Dimension

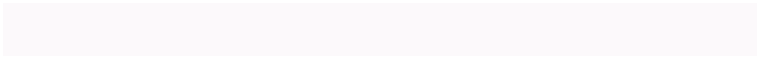
The Same Dimension uses a secret algorithm to generate beautiful new colors.



250.2390, 0.8682, 1.5444



253.2390, 0.8682, 1.5444



250.1250, 0.4314, 1.6444



124.4130, 0.2894, 0.5148



78.0570, 54.6949, 97.2970

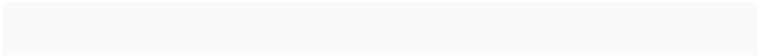


25.1930, 17.6529, 31.4027



# Inverse Universe

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



250.2390, 0.8682, 1.5444



253.2390, 0.8682, 1.5444



250.9890, 0.0054, -1.7444



124.4130, 0.2894, 0.5148



78.0570, 54.6949, 97.2970

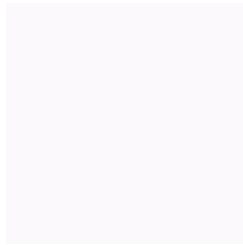


25.1930, 17.6529, 31.4027



# Previews

## White Background



This preview shows how the YUV color 250.2390, 0.8682, 1.5444 looks on a white background.

## Color Contrast Check

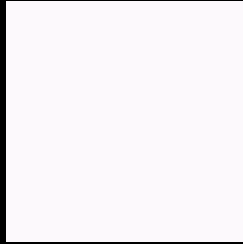
Large Text (above 18pt) WCAG AA × Fail

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 250.2390, 0.8682, 1.5444 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

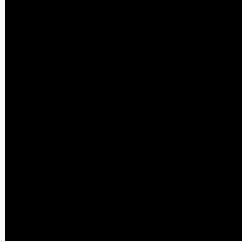
Any Text WCAG AAA ✓ Pass

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



# YUV 250.2390, 0.8682, 1.5444

## Background



This preview shows how black text looks on a background with the YUV color 250.2390, 0.8682, 1.5444.



This preview shows how white text looks on a background with the YUV color 250.2390, 0.8682,



# 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

250.2390, 0.8682, 1.5444

### Protanopia

250.8370, 0.5734, 2.7740

### Deuteranopia

250.4350, 0.2785, 4.0035

## **Tritanopia**

250.2820, 2.3260, 0.6297

# Trichromacy



**Original Color**

250.2390, 0.8682, 1.5444

**Protanomaly**

250.5380, 0.7208, 2.1592

**Deuteranomaly**

250.1360, 0.4260, 3.3887

**Tritanomaly**

250.1680, 1.8892, 0.7297

# Monochromacy



**Original Color**

250.2390, 0.8682, 1.5444

**Achromatopsia**

250.0000, 0.0000, 0.0000

**Achromatomaly**

250.4130, 0.2894, 0.5148

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 250.2390, 0.8682, 1.5444 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, 249, 252)` looks like.

```
.text, #text, p{  
    color:rgb(252, 249, 252)  
}
```

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, 249, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 249, 252) }
```

## Border

The CSS property to change the border of an element to YUV 250.2390, 0.8682, 1.5444 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, 249, 252) }
```

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

```
.border{ border-color:rgb(252, 249, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 249, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 249, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 249, 252);  
box-shadow:4px 4px 4px 4px rgb(252, 249,  
252) }
```



# Background

The CSS property to change the background color of an element to YUV 250.2390, 0.8682, 1.5444 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 249, 252) }
```

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

```
.background{ background-color: rgb(252,  
249, 252) }
```

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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