

# Converting Colors

YUV(245.5590, 2.1894, -2.2442)

Have a look what the booklet for  
YUV(245.5590, 2.1894, -2.2442)  
contains.

<b>YUV(245.5590, 2.1894, -2.2442)</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(245.5590, 2.1894,  
-2.2442)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F3F6FA
RGB	243, 246, 250
RGB Percent	95%, 96%, 98%
CMY	0.0471, 0.0353, 0.0196
CMYK	0.03, 0.02, 0.00, 0.02
HSL	214°, 41%, 97%
HSV	214°, 3%, 98%
XYZ	87.1732, 91.8683, 103.5803
YIQ	245.5590, -3.0720, 0.6080

# Conversions

## Conversions Part 2

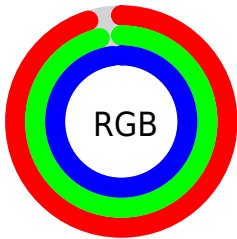
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	243, 245, 250
Decimal	15988474
CIE Lab	96.77, -0.27, -2.27
CIE LCh	97, 2.290, 263.255
Yxy	91.8683, 0.3084, 0.3251
Android (android.graphics.Color)	4294178554 (0xFFFF3F6FA)
YUV	245.5590, 2.1894, -2.2442
Hunter-Lab	95.8480, -5.3891, 3.0205

# Details

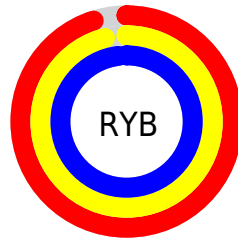
The YUV color `245.5590, 2.1894, -2.2442` is a light color, and the websafe version is hex `FFFFFF`. A complement of this color would be `247.4410, -2.1894, 2.2442`, and the grayscale version is `246.0000, 0.0000, 0.0000`.

A 20% lighter version of the original color is `255.0000, 0.0000, 0.0000`, and `189.5590, 2.1894, -2.2442` is the 20% darker color. If you saturate the color by 10%, you get `229.8660, 9.9261, -10.4065`, and if you desaturate by 10%, it is `254.4300, -2.1840, 0.4999`.

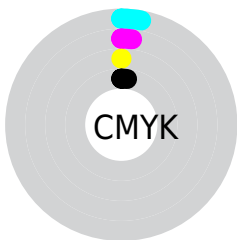
# Distribution



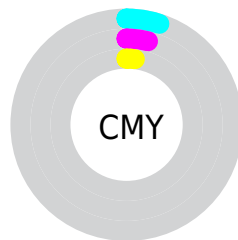
- Red (95%)
- Green (96%)
- Blue (98%)



- Red (95%)
- Yellow (96%)
- Blue (98%)



- Cyan (3%)
- Magenta (2%)
- Yellow (0%)
- Black (2%)



- Cyan (5%)
- Magenta (4%)
- Yellow (2%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 245.5590, 2.1894, -2.2442 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 245.5590, 2.1894, -2.2442 by changing the saturation by 10% instead.



245.5590, 2.1894,  
-2.2442

245.5590, 2.1894,  
-2.2442

255.0000, 0.0000,  
0.0000

217.4450, 1.7526,  
-2.1443

189.5590, 2.1894,  
-2.2442

162.4450, 1.7526,  
-2.1443

135.8580, 2.0420,  
-1.6295

110.5590, 2.1894,  
-2.2442

86.4450, 1.7526,  
-2.1443

63.4450, 1.7526,

-2.1443

■ 41.4450, 1.7526,  
-2.1443

■ 20.7440, 1.6052,  
-1.5295

■ 245.5590, 2.1894,  
-2.2442

■ 245.5590, 2.1894,  
-2.2442

■ 229.8660, 9.9261,  
-10.4065

■ 254.4300, -2.1840,  
0.4999

■ 213.5860, 17.9521,  
-18.0539

■ 197.8930, 25.6888,  
-26.2162

■ 182.2000, 33.4254,  
-34.3784

■ 166.5070, 41.1620,  
-42.5406

■ 150.2270, 49.1881,  
-50.1881

■ 134.5340, 56.9247,  
-58.3503

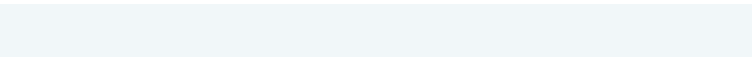
■ 118.8410, 64.6614,  
-66.5126

■ 102.5610, 72.6874,  
-74.1600

# Harmonies

## Analogous

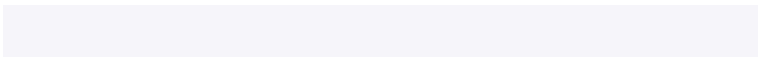
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



245.4340, 1.7580, -3.8886



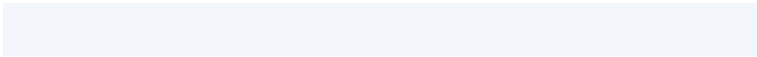
245.5590, 2.1894, -2.2442



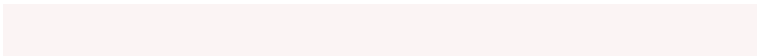
245.8690, 2.0366, 0.1149

# Triad

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



245.5590, 2.1894, -2.2442



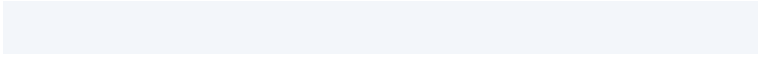
246.0930, -1.0318, 4.3034



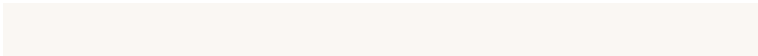
245.3480, -1.1576, -2.0592

# Complementary

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



245.5590, 2.1894, -2.2442



247.4410, -2.1894, 2.2442

# Split Complementary

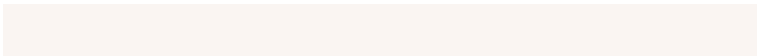
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



245.5440, -1.7472, 0.3999



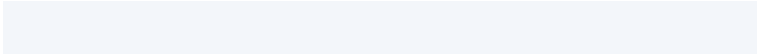
245.5590, 2.1894, -2.2442



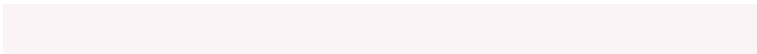
246.1530, -2.0474, 3.3738

# Square

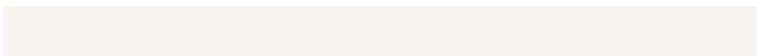
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



245.5590, 2.1894, -2.2442



246.0220, -0.0108, 3.4887



245.4410, -2.1894, 2.2442



244.9780, 0.0108, -3.4887

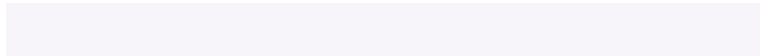


# Rectangle

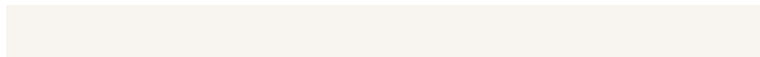
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



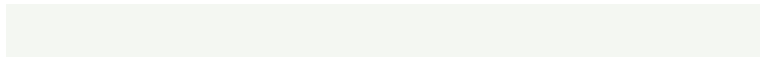
245.5590, 2.1894, -2.2442



246.0540, 1.4524, 0.8296



245.4410, -2.1894, 2.2442



245.5330, -1.7418, -1.3444

# Sweetspot

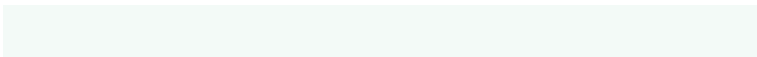
The Sweet Spot groups the original color and five complimentary colors.



245.5590, 2.1894, -2.2442



253.5160, 0.7316, -1.3295



247.5650, -0.2785, -4.0035



126.8150, 0.5842, -0.7148



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.



245.5590, 2.1894, -2.2442



250.2600, 2.3368, -2.8590



243.7980, 3.0576, -0.6998



121.7440, 1.6052, -1.5295



69.0930, 59.1142, -60.5946



22.2160, 19.1205, -19.4834

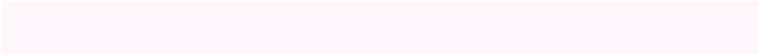


# Inverse Universe

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



245.4350, 0.2785, 4.0035



249.8480, 0.5679, 4.5183



249.2020, -3.0576, 0.6998



121.7230, 0.1366, 2.8739



65.7450, 7.5207, 108.0946

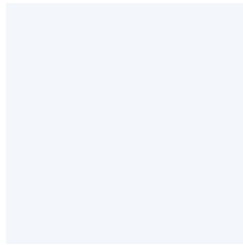


21.2030, 2.3649, 34.9020



# Previews

## White Background



This preview shows how the YUV color 245.5590, 2.1894, -2.2442 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

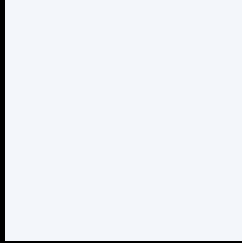
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 245.5590, 2.1894, -2.2442 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

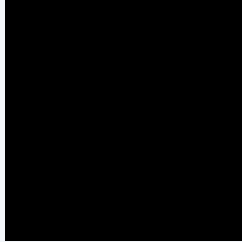
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

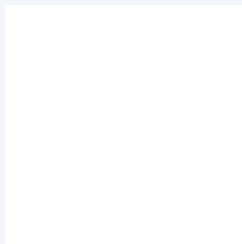
If you want to check with other color combinations, try the [Color Contrast Checker](#).

# YUV 245.5590, 2.1894, -2.2442

## Background



This preview shows how black text looks on a background with the YUV color 245.5590, 2.1894, -2.2442.



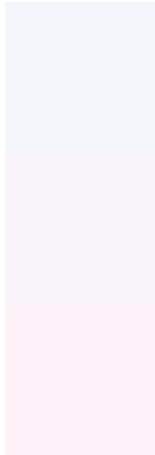
This preview shows how white text looks on a background with the YUV color 245.5590, 2.1894, -2.2442.

-2.242.

# 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

245.5590, 2.1894, -2.2442

### Protanopia

246.0650, 1.4470, 2.5740

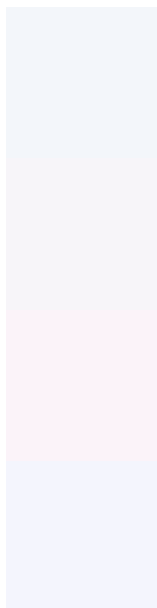
### Deuteranopia

246.5710, 0.7045, 7.3922

## **Tritanopia**

246.1400, 4.3680, -0.9998

# Trichromacy



## Original Color

245.5590, 2.1894, -2.2442

## Protanomaly

246.0540, 1.4524, 0.8296

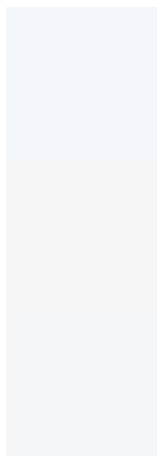
## Deuteranomaly

246.0760, 1.4415, 4.3183

## Tritanomaly

245.6130, 3.6418, -1.4146

# Monochromacy



## Original Color

245.5590, 2.1894, -2.2442

## Achromatopsia

246.0000, 0.0000, 0.0000

## Achromatomaly

245.8150, 0.5842, -0.7148

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 245.5590, 2.1894, -2.2442 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(243, 246, 250)` looks like.

```
.text, #text, p{  
    color:rgb(243, 246, 250)  
}
```

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(243, 246, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 246, 250) }
```

## Border

The CSS property to change the border of an element to YUV 245.5590, 2.1894, -2.2442 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(243, 246, 250) }
```



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

```
.border{ border-color:rgb(243, 246, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 246, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 246, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 246, 250);  
box-shadow:4px 4px 4px 4px rgb(243, 246,  
250) }
```

# Background

The CSS property to change the background color of an element to YUV 245.5590, 2.1894, -2.2442 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 246, 250) }
```

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

```
.background{ background-color: rgb(243,  
246, 250) }
```

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