

# Converting Colors

YUV(245.9350, -1.4470, -2.5740)

Have a look what the booklet for  
YUV(245.9350, -1.4470, -2.5740)  
contains.

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# Color

**YUV(245.9350, -1.4470,  
-2.5740)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	F3F8F3
RGB	243, 248, 243
RGB Percent	95%, 97%, 95%
CMY	0.0471, 0.0275, 0.0471
CMYK	0.02, 0.00, 0.02, 0.03
HSL	120°, 26%, 96%
HSV	120°, 2%, 97%
XYZ	86.7072, 92.6606, 98.1093
YIQ	245.9350, -1.3750, -2.6150

# Conversions

## Conversions Part 2

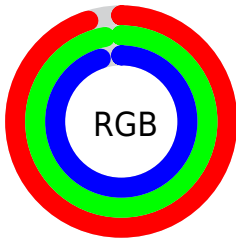
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	243, 248, 248
Decimal	15988979
CIE <sub>Lab</sub>	97.09, -2.53, 1.81
CIE <sub>LCh</sub>	97, 3.110, 144.427
Yxy	92.6606, 0.3125, 0.3339
Android (android.graphics.Color)	4294179059 (0xFFFF3F8F3)
<b>YUV</b>	245.9350, -1.4470, -2.5740
Hunter-Lab	96.2604, -7.6704, 6.9534

# Details

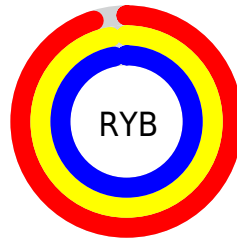
The YUV color  $245.9350, -1.4470, -2.5740$  is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be  $245.0650, 1.4470, 2.5740$ , and the grayscale version is  $246.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $255.0000, 0.0000, 0.0000$ , and  $189.9350, -1.4470, -2.5740$  is the 20% darker color. If you saturate the color by 10%, you get  $235.6100, -8.6817, -15.4440$ , and if you desaturate by 10%, it is  $250.8910, 2.0257, 3.6036$ .

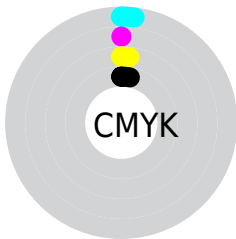
# Distribution



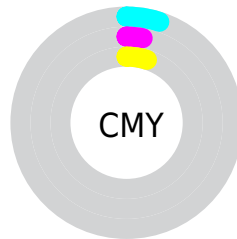
- Red (95%)
- Green (97%)
- Blue (95%)



- Red (95%)
- Yellow (97%)
- Blue (97%)



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



- Cyan (5%)
- Magenta (3%)
- Yellow (5%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 245.9350, -1.4470, -2.5740 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 245.9350, -1.4470, -2.5740 by changing the saturation by 10% instead.



 245.9350, -1.4470,  
-2.5740

 245.9350, -1.4470,  
-2.5740

255.0000, 0.0000,  
0.0000


 217.3480, -1.1576,  
-2.0592


 189.9350, -1.4470,  
-2.5740

 162.9350, -1.4470,  
-2.5740

 136.3480, -1.1576,  
-2.0592

 111.3480, -1.1576,  
-2.0592

 86.3480, -1.1576,  
-2.0592

 63.3480, -1.1576,

-2.0592

■ 41.3480, -1.1576,  
-2.0592

■ 21.3480, -1.1576,  
-2.0592

■ 245.9350, -1.4470,  
-2.5740

■ 245.9350, -1.4470,  
-2.5740

■ 235.6100, -8.6817,  
-15.4440

■ 250.8910, 2.0257,  
3.6036

■ 225.2850,  
-15.9165, -28.3139

■ 215.3730,  
-22.8619, -40.6691

■ 205.0480,  
-30.0967, -53.5391

■ 194.7230,  
-37.3314, -66.4091

■ 184.3980,  
-44.5662, -79.2790

■ 174.0730,  
-51.8010, -92.1490

■ 164.1610,  
-58.7464, -104.5042

■ 153.8360,  
-65.9811, -117.3742

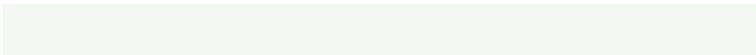
# Harmonies

## Analogous

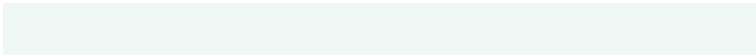
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



246.0170, -2.4734, -0.0149



245.9350, -1.4470, -2.5740



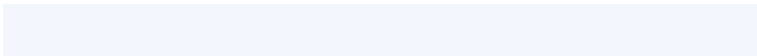
245.3800, 0.3057, -4.7183

# Triad

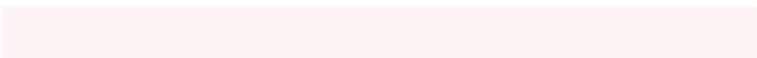
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



245.9350, -1.4470, -2.5740



246.4880, 3.2104, -3.0590



247.2780, -1.6161, 5.0182

# Complementary

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



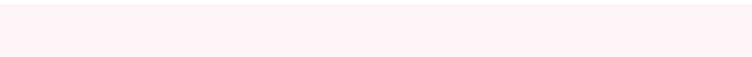
245.9350, -1.4470, -2.5740



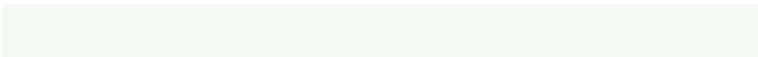
245.0650, 1.4470, 2.5740

# Split Complementary

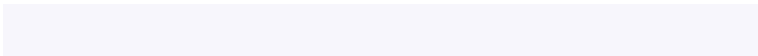
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



247.6200, -0.3057, 4.7183



245.9350, -1.4470, -2.5740



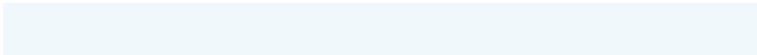
246.9830, 2.4734, 0.0149

# Square

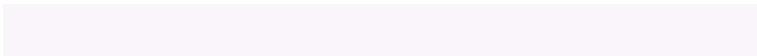
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



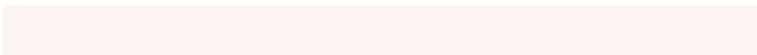
245.9350, -1.4470, -2.5740



245.9500, 2.4897, -5.2181



247.0650, 1.4470, 2.5740

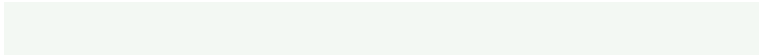


246.7510, -2.3422, 4.6034

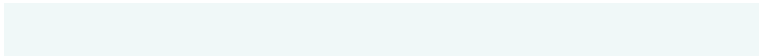


# Rectangle

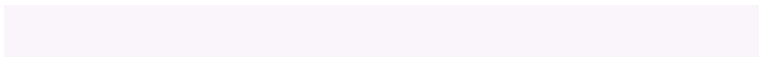
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



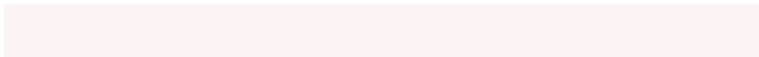
245.9350, -1.4470, -2.5740



245.6080, 1.1793, -4.9182



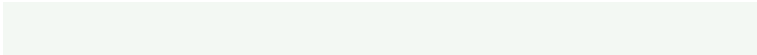
247.0650, 1.4470, 2.5740



247.3920, -1.1793, 4.9182

# Sweetspot

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



245.9350, -1.4470, -2.5740



253.7610, -0.8682, -1.5444



247.4300, -2.1840, 0.4999



127.1740, -0.5788, -1.0296



0.0000, 0.0000, 0.0000

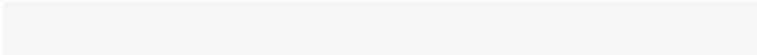


128.0000, 0.0000, 0.0000



# Same Dimension

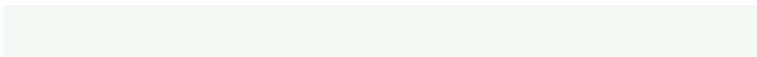
The Same Dimension uses a secret algorithm to generate beautiful new colors.



245.9350, -1.4470, -2.5740



252.9350, -1.4470, -2.5740



246.1630, -0.5734, -2.7740



123.7610, -0.8682, -1.5444



110.9430, -54.6949, -97.2970



35.8070, -17.6529, -31.4027



# Inverse Universe

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



245.0650, 1.4470, 2.5740



252.0650, 1.4470, 2.5740



244.7230, 0.1366, 2.8739



123.2390, 0.8682, 1.5444



78.0570, 54.6949, 97.2970

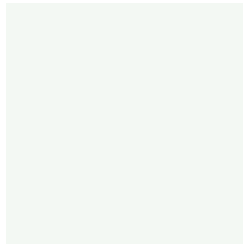


25.1930, 17.6529, 31.4027



# Previews

## White Background



This preview shows how the YUV color 245.9350, -1.4470, -2.5740 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

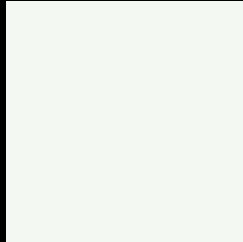
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 245.9350, -1.4470, -2.5740 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

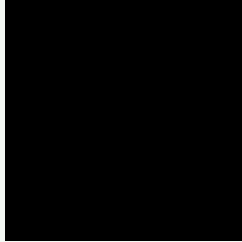
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

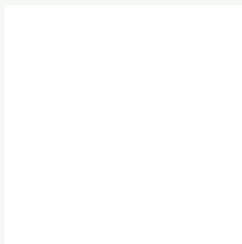
If you want to check with other color combinations, try the [Color Contrast Checker](#).

# YUV 245.9350, -1.4470, -2.5740

## Background



This preview shows how black text looks on a background with the YUV color 245.9350, -1.4470, -2.5740.



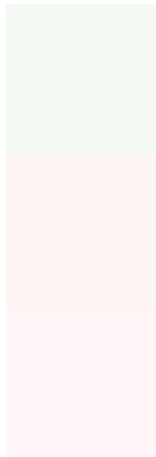
This preview shows how white text looks on a background with the YUV color 245.9350, -1.4470,

-2.5'40.

# 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

245.9350, -1.4470, -2.5740

### Protanopia

246.6370, -2.7790, 4.7034

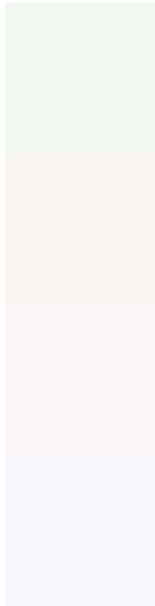
### Deuteranopia

247.5170, -0.7479, 6.5626

## **Tritanopia**

247.0260, 3.9312, -0.8998

# Trichromacy



## Original Color

245.9350, -1.4470, -2.5740

## Protanomaly

246.4410, -2.1894, 2.2442

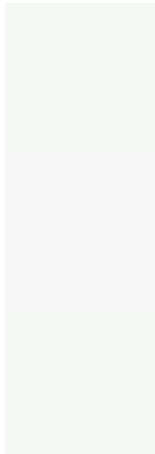
## Deuteranomaly

246.7940, -0.8844, 3.6887

## Tritanomaly

246.8580, 2.0420, -1.6295

# Monochromacy



## Original Color

245.9350, -1.4470, -2.5740

## Achromatopsia

246.0000, 0.0000, 0.0000

## Achromatomaly

246.1740, -0.5788, -1.0296

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 245.9350, -1.4470, -2.5740 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, 248, 243)` looks like.

```
.text, #text, p{  
    color:rgb(243, 248, 243)  
}
```

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, 248, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 248, 243) }
```

## Border

The CSS property to change the border of an element to YUV 245.9350, -1.4470, -2.5740 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, 248, 243) }
```



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

```
.border{ border-color:rgb(243, 248, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 248, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(243, 248, 243); -webkit-box-shadow:4px 4px 4px 4px rgb(243, 248, 243); box-shadow:4px 4px 4px 4px rgb(243, 248, 243) }
```

# Background

The CSS property to change the background color of an element to YUV 245.9350, -1.4470, -2.5740 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 248, 243) }
```

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

```
.background{ background-color: rgb(243,  
248, 243) }
```

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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