

# Converting Colors

YIQ(243.9340, 0.3660, 4.3820)

Have a look what the booklet for  
YIQ(243.9340, 0.3660, 4.3820)  
contains.

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# Color

**YIQ(243.9340, 0.3660,  
4.3820)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F7F1FB
RGB	247, 241, 251
RGB Percent	97%, 95%, 98%
CMY	0.0313, 0.0549, 0.0157
CMYK	0.02, 0.04, 0.00, 0.02
HSL	276°, 56%, 96%
HSV	276°, 4%, 98%
XYZ	87.2265, 89.6492, 103.9721
YIQ	243.9340, 0.3660, 4.3820

# Conversions

## Conversions Part 2

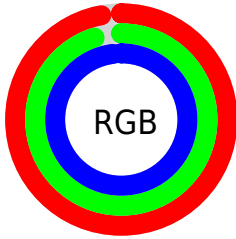
Format	Color
<b>R<sub>YB</sub></b>	247, 241, 251
Decimal	16249339
CIE Lab	95.85, 3.78, -4.10
CIE LCh	96, 5.574, 312.641
Yxy	89.6492, 0.3106, 0.3192
Android (android.graphics.Color)	4294439419 (0xFFFF7F1FB)
YUV	243.9340, 3.4835, 2.6889
Hunter-Lab	94.6832, -1.2533, 1.1716

# Details

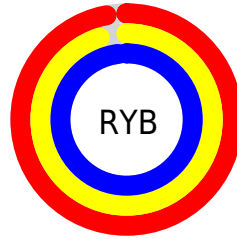
The YIQ color 243.9340, 0.3660, 4.3820 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 248.0660, -0.3660, -4.3820, and the grayscale version is 244.0000, 0.0000, -0.0000.

A 20% lighter version of the original color is 255.0000, -0.0000, -0.0000, and 187.9340, 0.3660, 4.3820 is the 20% darker color. If you saturate the color by 10%, you get 226.2690, 1.2810, 15.3370, and if you desaturate by 10%, it is 254.5440, 1.2840, -1.2440.

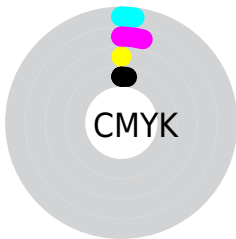
# Distribution



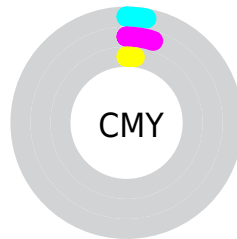
- Red (97%)
- Green (95%)
- Blue (98%)



- Red (97%)
- Yellow (95%)
- Blue (98%)



- Cyan (2%)
- Magenta (4%)
- Yellow (0%)
- Black (2%)



- Cyan (3%)
- Magenta (5%)
- Yellow (2%)

# Brightness & Saturation Gradients

These gradients show how the YIQ color 243.9340, 0.3660, 4.3820 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 YIQ color 243.9340, 0.3660, 4.3820 by changing the saturation by 10% instead.





 243.9340, 0.3660,  
4.3820


 243.9340, 0.3660,  
4.3820

255.0000, -0.0000,  
-0.0000


 215.8200, 0.6870,  
4.0710

 187.9340, 0.3660,  
4.3820

 160.8200, 0.6870,  
4.0710

 134.5210, 0.0910,  
3.8590

 109.4070, 0.4120,  
3.5480

 85.4070, 0.4120,  
3.5480

 61.9940, 0.1370,

3.0250

■ 39.9940, 0.1370,  
3.0250

■ 19.4070, 0.4120,  
3.5480

■ 243.9340, 0.3660,  
4.3820

■ 243.9340, 0.3660,  
4.3820

■ 226.2690, 1.2810,  
15.3370

254.5440, 1.2840,  
-1.2440

■ 208.6040, 2.1960,  
26.2920

■ 190.9390, 3.1110,  
37.2470

■ 173.2740, 4.0260,  
48.2020

■ 155.6090, 4.9410,  
59.1570

■ 137.3570, 6.1310,  
70.6350

■ 119.6920, 7.0460,  
81.5900

■ 102.0270, 7.9610,  
92.5450

■ 84.3620, 8.8760,  
103.5000

# Harmonies

## Analogous

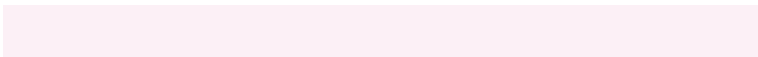
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



243.2430, -4.9980, 2.4740



243.9340, 0.3660, 4.3820



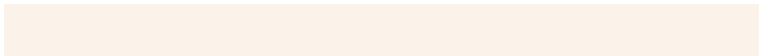
244.2720, 5.2260, 4.4100

# Triad

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



243.9340, 0.3660, 4.3820



243.6650, 8.2530, -0.8910



241.1020, -9.2150, -3.7030

# Complementary

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



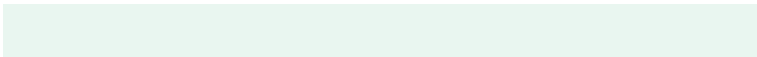
243.9340, 0.3660, 4.3820



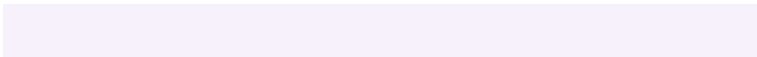
248.0660, -0.3660, -4.3820

# 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.



241.4290, -5.8220, -4.6220



243.9340, 0.3660, 4.3820



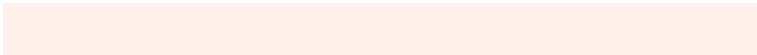
242.4580, 4.4020, -2.6860

# Square

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



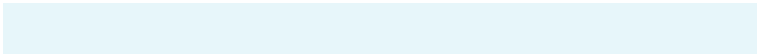
243.9340, 0.3660, 4.3820



244.0290, 10.2240, 1.9360



242.0660, -0.3660, -4.3820



241.9710, -10.2240, -1.9360

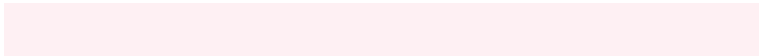


# Rectangle

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



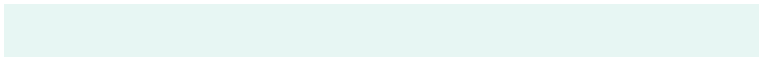
243.9340, 0.3660, 4.3820



244.5280, 7.3810, 3.9010



242.0660, -0.3660, -4.3820



241.1730, -7.9770, -4.1130

# Sweetspot

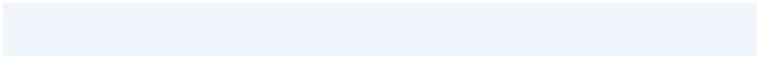
The Sweet Spot groups the original color and five complimentary colors.



243.9340, 0.3660, 4.3820



252.9400, 0.2290, 1.3570



244.4880, -4.3100, 1.0180



126.5270, -0.0460, 0.8340



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.



243.9340, 0.3660, 4.3820



245.8740, 0.5950, 5.7390



245.0160, 3.0710, 4.9190



119.4070, 0.4120, 3.5480



55.3330, 6.6790, 82.7350



18.0170, 2.4710, 26.8150



# Inverse Universe

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



244.4460, 4.6760, 3.3640



246.4570, 6.1430, 4.3110



246.9840, -3.0710, -4.9190



119.7340, 3.8050, 2.6290



65.0610, 88.5690, 63.3930

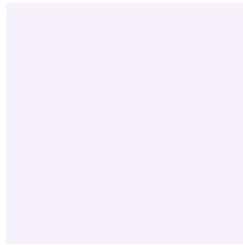


20.9750, 28.6520, 20.3960



# Previews

## White Background



This preview shows how the YIQ color 243.9340, 0.3660, 4.3820 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

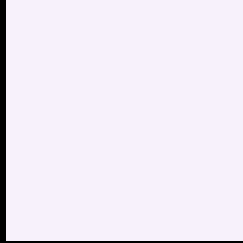
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YIQ color 243.9340, 0.3660, 4.3820 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

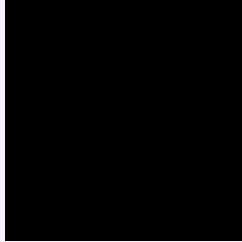
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

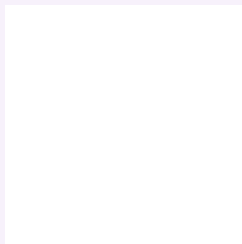
If you want to check with other color combinations, try the [Color Contrast Checker](#).

**YIQ 243.9340, 0.3660, 4.3820**

## **Background**



This preview shows how black text looks on a background with the YIQ color 243.9340, 0.3660, 4.3820.



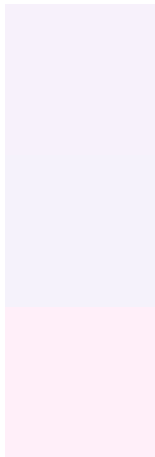
This preview shows how white text looks on a background with the YIQ color 243.9340, 0.3660,

4.3820.

# 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

243.9340, 0.3660, 4.3820

### Protanopia

243.9230, -1.1010, 3.4350

### Deuteranopia

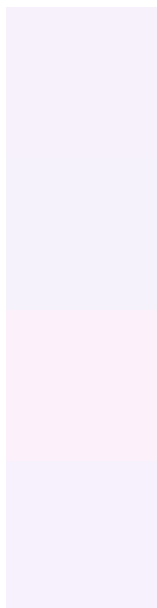
244.9240, 6.3260, 6.5020



## Tritanopia

244.3900, -0.9180, 5.6260

# Trichromacy



## Original Color

243.9340, 0.3660, 4.3820

## Protanomaly

244.2220, -0.5050, 3.6470

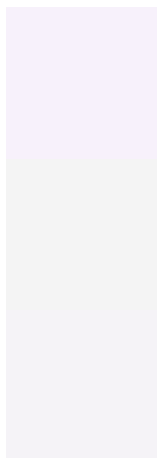
## Deuteranomaly

244.7280, 3.9420, 5.6540

## Tritanomaly

244.2760, -0.5970, 5.3150

# Monochromacy



## Original Color

243.9340, 0.3660, 4.3820

## Achromatopsia

244.0000, 0.0000, -0.0000

## Achromatomaly

244.0540, -0.0920, 1.6680

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 243.9340, 0.3660, 4.3820 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(247, 241, 251)` looks like.

```
.text, #text, p{  
    color:rgb(247, 241, 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(247, 241, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 241, 251) }
```

## Border

The CSS property to change the border of an element to YIQ 243.9340, 0.3660, 4.3820 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(247, 241, 251) }
```



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

```
.border{ border-color:rgb(247, 241, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 241, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 241, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 241, 251);  
box-shadow:4px 4px 4px 4px rgb(247, 241,  
251) }
```

# Background

The CSS property to change the background color of an element to YIQ 243.9340, 0.3660, 4.3820 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 241, 251) }
```

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

```
.background{ background-color: rgb(247,  
241, 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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