

# Converting Colors

YIQ(239.4240, 1.7420, 1.4700)

Have a look what the booklet for  
YIQ(239.4240, 1.7420, 1.4700)  
contains.

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# Color

**YIQ(239.4240, 1.7420,  
1.4700)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	F2EEF0
RGB	242, 238, 240
RGB Percent	95%, 93%, 94%
CMY	0.0510, 0.0667, 0.0588
CMYK	0.00, 0.02, 0.01, 0.05
HSL	330°, 13%, 94%
HSV	330°, 2%, 95%
XYZ	82.9213, 86.3172, 94.7296
YIQ	239.4240, 1.7420, 1.4700

# Conversions

## Conversions Part 2

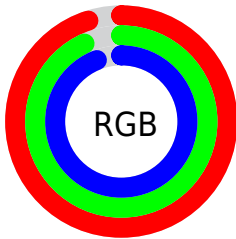
Format	Color
R <sub>Y</sub> B	242, 238, 240
Decimal	15920880
CIE Lab	94.45, 1.69, -0.50
CIE LCh	94, 1.768, 343.510
Yxy	86.3172, 0.3141, 0.3270
Android (android.graphics.Color)	4294110960 (0xFF2EEF0)
YUV	239.4240, 0.2840, 2.2592
Hunter-Lab	92.9070, -3.2726, 4.5818

# Details

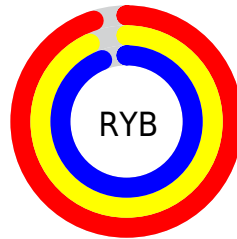
The YIQ color  $239.4240, 1.7420, 1.4700$  is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be  $240.5760, -1.7420, -1.4700$ , and the grayscale version is  $239.0000, -0.0000, -0.0000$ .

A 20% lighter version of the original color is  $255.0000, -0.0000, -0.0000$ , and  $183.4240, 1.7420, 1.4700$  is the 20% darker color. If you saturate the color by 10%, you get  $223.9680, 12.1940, 10.2900$ , and if you desaturate by 10%, it is  $250.7710, -6.7850, -3.6890$ .

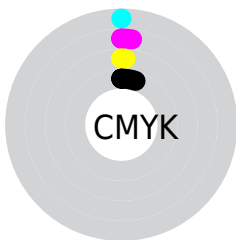
# Distribution



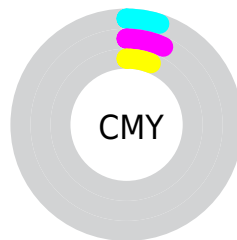
- Red (95%)
- Green (93%)
- Blue (94%)



- Red (95%)
- Yellow (93%)
- Blue (94%)



- Cyan (0%)
- Magenta (2%)
- Yellow (1%)
- Black (5%)



- Cyan (5%)
- Magenta (7%)
- Yellow (6%)

# Brightness & Saturation Gradients

These gradients show how the YIQ color 239.4240, 1.7420, 1.4700 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 239.4240, 1.7420, 1.4700 by changing the saturation by 10% instead.



■ 239.4240, 1.7420,  
1.4700

■ 239.4240, 1.7420,  
1.4700

255.0000, -0.0000,  
-0.0000

■ 211.4240, 1.7420,  
1.4700

■ 183.4240, 1.7420,  
1.4700

■ 156.4240, 1.7420,  
1.4700

■ 130.4240, 1.7420,  
1.4700

■ 105.4240, 1.7420,  
1.4700

■ 81.1250, 1.1460,  
1.2580

■ 58.1250, 1.1460,

1.2580

■ 37.0110, 1.4670,  
0.9470

■ 15.4240, 1.7420,  
1.4700

■ 239.4240, 1.7420,  
1.4700

■ 239.4240, 1.7420,  
1.4700

■ 223.9680, 12.1940,  
10.2900

■ 250.7710, -6.7850,  
-3.6890

■ 208.5120, 22.6460,  
19.1100

■ 251.1130, -7.7480,  
-2.7560

■ 192.4690, 33.3730,  
28.4530

■ 177.0130, 43.8250,  
37.2730

■ 161.4430, 54.5980,  
45.7820

■ 145.9870, 65.0500,  
54.6020

■ 130.5310, 75.5020,  
63.4220

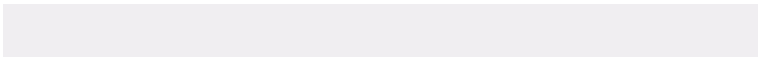
■ 114.4880, 86.2290,  
72.7650

■ 99.0320, 96.6810,  
81.5850

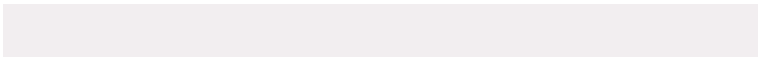
# Harmonies

## Analogous

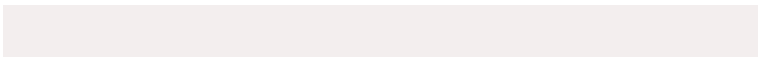
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



238.9400, 0.2290, 1.3570



239.4240, 1.7420, 1.4700



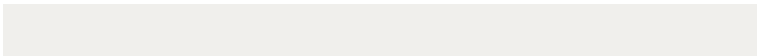
239.4950, 2.9800, 1.0600

# Triad

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



239.4240, 1.7420, 1.4700



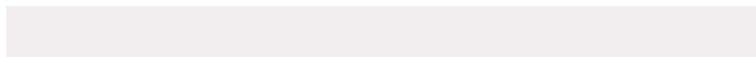
238.9570, 1.5590, -0.7210



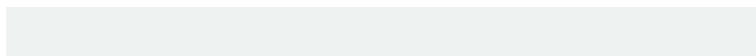
238.6190, -3.3010, -0.7490

# Complementary

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



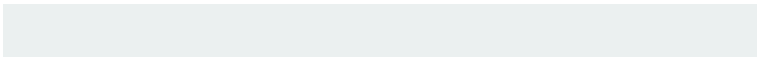
239.4240, 1.7420, 1.4700



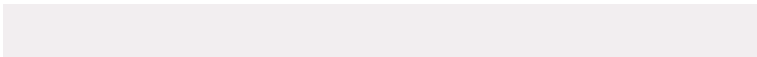
240.5760, -1.7420, -1.4700

# Split Complementary

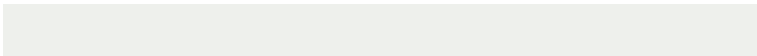
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



238.5050, -2.9800, -1.0600



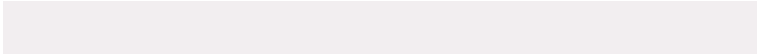
239.4240, 1.7420, 1.4700



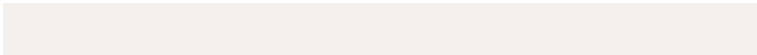
238.9460, 0.0920, -1.6680

# Square

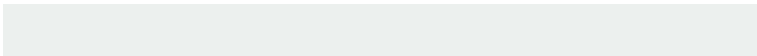
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



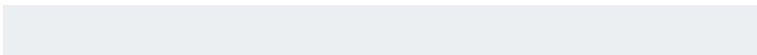
239.4240, 1.7420, 1.4700



239.5550, 2.7510, -0.2970



238.5760, -1.7420, -1.4700

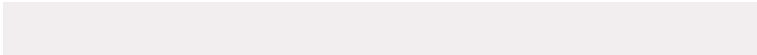


238.4450, -2.7510, 0.2970

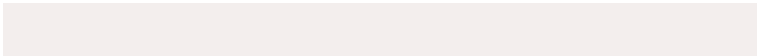


# Rectangle

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



239.4240, 1.7420, 1.4700



239.3810, 3.3010, 0.7490



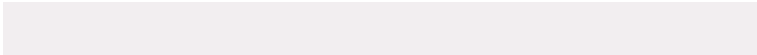
238.5760, -1.7420, -1.4700



238.6190, -3.3010, -0.7490

# Sweetspot

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



239.4240, 1.7420, 1.4700

255.0000, -0.0000, -0.0000



239.0540, -0.0920, 1.6680



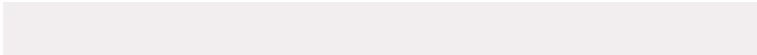
128.0000, -0.0000, -0.0000



0.0000, 0.0000, 0.0000

# Same Dimension

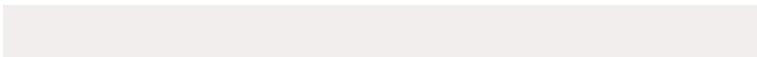
The Same Dimension uses a secret algorithm to generate beautiful new colors.



239.4240, 1.7420, 1.4700



251.7230, 2.3380, 1.6820



239.1960, 2.3840, 0.8480



118.1250, 1.1460, 1.2580



65.5040, 80.1320, 67.6200

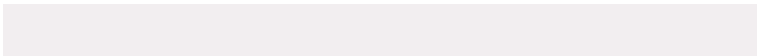


19.9360, 24.3880, 20.5800



# Inverse Universe

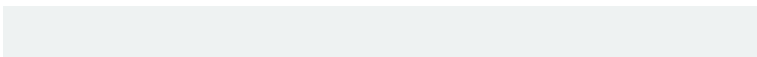
The Inverse Universe completely reimagines the original color for something new.



239.4240, 1.7420, 1.4700



251.7230, 2.3380, 1.6820



240.8040, -2.3840, -0.8480



118.1250, 1.1460, 1.2580



65.5040, 80.1320, 67.6200

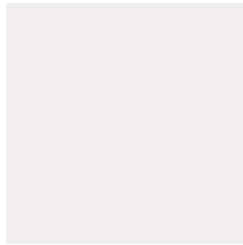


19.9360, 24.3880, 20.5800



# Previews

## White Background



This preview shows how the YIQ color 239.4240, 1.7420, 1.4700 looks on a white background.

## Color Contrast Check

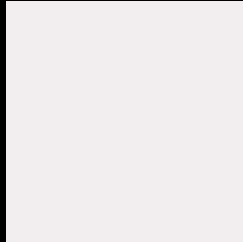
Large Text (above 18pt) WCAG AA × Fail

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 239.4240, 1.7420, 1.4700 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

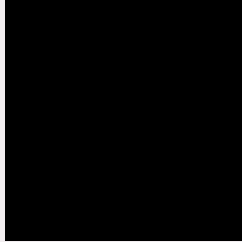
Any Text WCAG AAA ✓ Pass

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

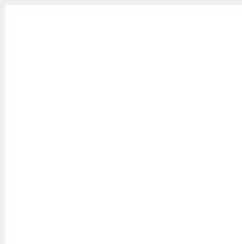


**YIQ 239.4240, 1.7420, 1.4700**

## **Background**



This preview shows how black text looks on a background with the YIQ color 239.4240, 1.7420, 1.4700.



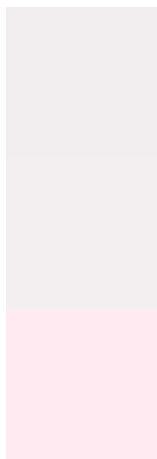
This preview shows how white text looks on a background with the YIQ color 239.4240, 1.7420,

1.4700.

# 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

239.4240, 1.7420, 1.4700

### Protanopia

239.7230, 2.3380, 1.6820

### Deuteranopia

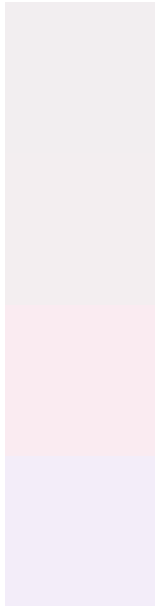
241.0770, 10.2690, 6.6290



## **Tritanopia**

240.4440, -1.0100, 7.2940

# Trichromacy



## Original Color

239.4240, 1.7420, 1.4700

## Protanomaly

239.7230, 2.3380, 1.6820

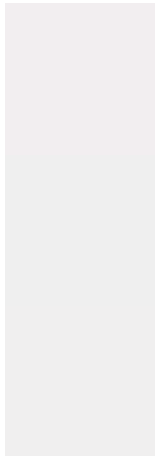
## Deuteranomaly

240.1690, 7.0140, 5.0460

## Tritanomaly

240.1620, -0.2760, 5.0040

# Monochromacy



## Original Color

239.4240, 1.7420, 1.4700

## Achromatopsia

239.0000, -0.0000, -0.0000

## Achromatomaly

239.2990, 0.5960, 0.2120

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 239.4240, 1.7420, 1.4700 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(242, 238, 240)` looks like.

```
.text, #text, p{  
    color:rgb(242, 238, 240)  
}
```

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(242, 238, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 238, 240) }
```

## Border

The CSS property to change the border of an element to YIQ 239.4240, 1.7420, 1.4700 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(242, 238, 240) }
```

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

```
.border{ border-color:rgb(242, 238, 240) }
```

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

Here you see how a box with a 4 pixel rgb(242, 238, 240) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 238, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 238, 240);  
box-shadow:4px 4px 4px 4px rgb(242, 238,  
240) }
```



# Background

The CSS property to change the background color of an element to YIQ 239.4240, 1.7420, 1.4700 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 238, 240) }
```

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

```
.background{ background-color: rgb(242,  
238, 240) }
```

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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