

# Converting Colors

YIQ(239.6370, 5.4560, 0.2400)

Have a look what the booklet for  
YIQ(239.6370, 5.4560, 0.2400)  
contains.

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# Color

**YIQ(239.6370, 5.4560,  
0.2400)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F5EEEE
RGB	245, 238, 234
RGB Percent	96%, 93%, 92%
CMY	0.0392, 0.0667, 0.0823
CMYK	0.00, 0.03, 0.04, 0.04
HSL	22°, 35%, 94%
HSV	22°, 4%, 96%
XYZ	83.0833, 86.5014, 90.1641
YIQ	239.6370, 5.4560, 0.2400

# Conversions

## Conversions Part 2

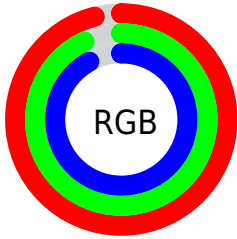
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	245, 240, 234
Decimal	16117482
CIE Lab	94.53, 1.67, 2.75
CIE LCh	95, 3.217, 58.782
Yxy	86.5014, 0.3199, 0.3330
Android (android.graphics.Color)	4294307562 (0xFF5EEEA)
YUV	239.6370, -2.7790, 4.7034
Hunter-Lab	93.0061, -3.3048, 7.6260

# Details

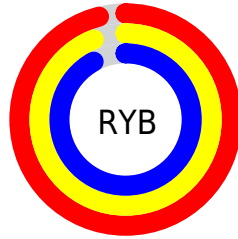
The YIQ color  $239.6370, 5.4560, 0.2400$  is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be  $239.3630, -5.4560, -0.2400$ , and the grayscale version is  $240.0000, -0.0000, -0.0000$ .

A 20% lighter version of the original color is  $255.0000, -0.0000, -0.0000$ , and  $183.6370, 5.4560, 0.2400$  is the 20% darker color. If you saturate the color by 10%, you get  $227.5090, 17.5600, 1.1440$ , and if you desaturate by 10%, it is  $251.4230, -5.6850, -1.5970$ .

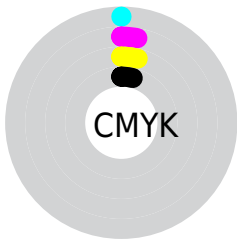
# Distribution



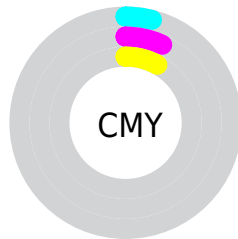
- Red (96%)
- Green (93%)
- Blue (92%)



- Red (96%)
- Yellow (94%)
- Blue (92%)



- Cyan (0%)
- Magenta (3%)
- Yellow (4%)
- Black (4%)



- Cyan (4%)
- Magenta (7%)
- Yellow (8%)

# Brightness & Saturation Gradients

These gradients show how the YIQ color 239.6370, 5.4560, 0.2400 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 239.6370, 5.4560, 0.2400 by changing the saturation by 10% instead.



239.6370, 5.4560,  
0.2400

239.6370, 5.4560,  
0.2400

255.0000, -0.0000,  
-0.0000

211.6370, 5.4560,  
0.2400

183.6370, 5.4560,  
0.2400

156.7510, 5.1350,  
0.5510

130.7510, 5.1350,  
0.5510

105.4520, 4.5390,  
0.3390

81.4520, 4.5390,  
0.3390

58.4520, 4.5390,

0.3390

■ 37.1530, 3.9430,  
0.1270

■ 15.6370, 5.4560,  
0.2400

■ 239.6370, 5.4560,  
0.2400

■ 239.6370, 5.4560,  
0.2400

■ 227.5090, 17.5600,  
1.1440

■ 251.4230, -5.6850,  
-1.5970

■ 215.8540, 29.7100,  
1.2140

■ 252.0100, -5.9600,  
-2.1200

■ 203.7260, 41.8140,  
2.1180

■ 192.0710, 53.9640,  
2.1880

■ 179.9430, 66.0680,  
3.0920

■ 167.7010, 78.4930,  
3.6850

■ 156.1600, 90.3220,  
4.0660

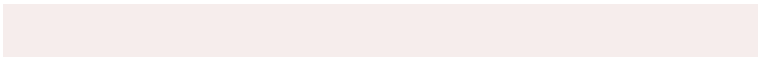
■ 143.9180,  
102.7470, 4.6590

■ 132.3770,  
114.5760, 5.0400

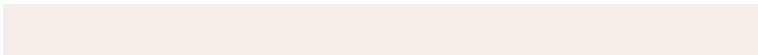
# Harmonies

## Analogous

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



239.5770, 5.6850, 1.5970



239.6370, 5.4560, 0.2400



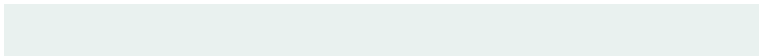
239.2130, 3.7140, -1.2300

# Triad

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



239.6370, 5.4560, 0.2400



238.3800, -4.1260, -2.3180



239.3960, -1.0550, 2.6010

# Complementary

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



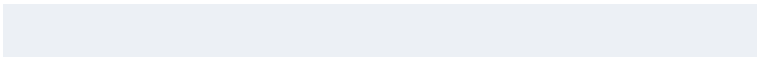
239.6370, 5.4560, 0.2400



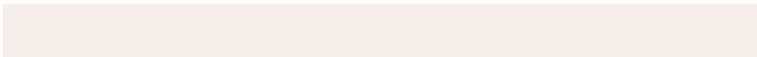
239.3630, -5.4560, -0.2400

# Split Complementary

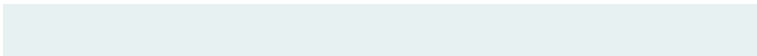
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



239.3740, -3.9890, 0.7070



239.6370, 5.4560, 0.2400



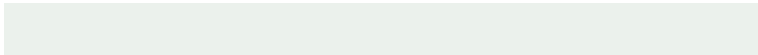
238.4230, -5.6850, -1.5970

# Square

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



239.6370, 5.4560, 0.2400



238.6360, -1.9710, -2.8270



238.3630, -5.4560, -0.2400

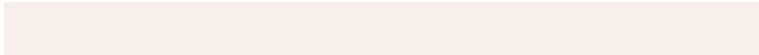


239.9510, 1.6960, 2.3040



# Rectangle

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



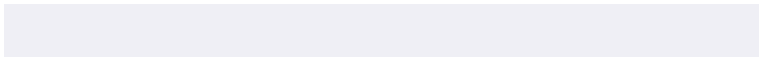
239.6370, 5.4560, 0.2400



239.2020, 2.2470, -2.1770



238.3630, -5.4560, -0.2400



239.6840, -1.9260, 1.8660

# Sweetspot

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



239.6370, 5.4560, 0.2400



253.4840, 1.5130, 0.1130



238.0870, 4.3090, 4.5090



127.1850, 0.9170, -0.0990



0.0000, 0.0000, 0.0000

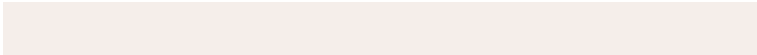


128.0000, -0.0000, -0.0000

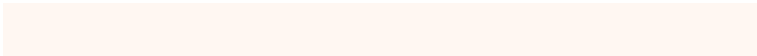


# Same Dimension

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



239.6370, 5.4560, 0.2400



248.8220, 6.3730, 0.1410



242.5720, 4.0810, -2.3750



118.8540, 3.3470, -0.0850



95.5300, 92.1560, 3.8680



29.9680, 29.3890, 1.5250

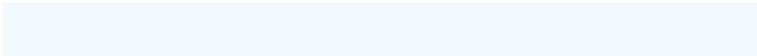


# Inverse Universe

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



239.3630, -5.4560, -0.2400



248.1780, -6.3730, -0.1410



236.4280, -4.0810, 2.3750



118.7330, -3.6220, -0.4380



91.0570, -92.4310, -4.3910

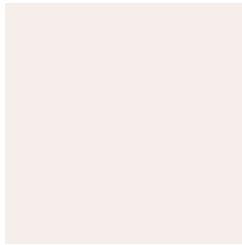


28.4450, -29.1140, -1.0020



# Previews

## White Background



This preview shows how the YIQ color 239.6370, 5.4560, 0.2400 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

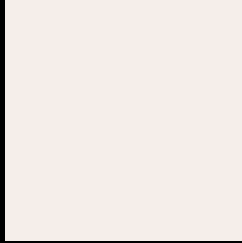
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YIQ color 239.6370, 5.4560, 0.2400 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

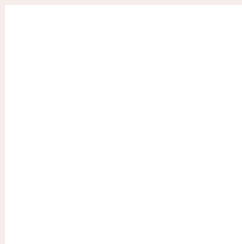
If you want to check with other color combinations, try the [Color Contrast Checker](#).

**YIQ 239.6370, 5.4560, 0.2400**

## **Background**



This preview shows how black text looks on a background with the YIQ color 239.6370, 5.4560, 0.2400.



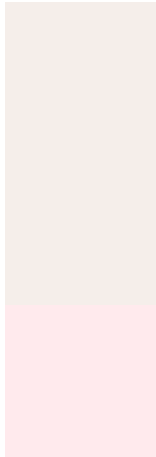
This preview shows how white text looks on a background with the YIQ color 239.6370, 5.4560,

0.2400.

# 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

239.6370, 5.4560, 0.2400

### Protanopia

239.6370, 5.4560, 0.2400

### Deuteranopia

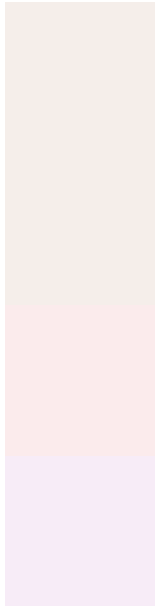
240.6210, 11.5530, 5.3850



## Tritanopia

241.0530, 1.6490, 8.6650

# Trichromacy



## Original Color

239.6370, 5.4560, 0.2400

## Protanomaly

239.6370, 5.4560, 0.2400

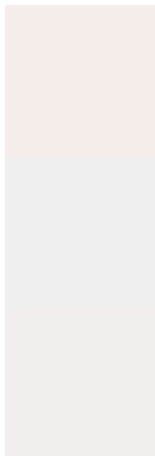
## Deuteranomaly

239.8980, 9.2150, 3.7030

## Tritanomaly

240.5430, 3.0250, 5.7530

# Monochromacy



## Original Color

239.6370, 5.4560, 0.2400

## Achromatopsia

240.0000, -0.0000, -0.0000

## Achromatomaly

239.7830, 2.1090, 0.3250

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 239.6370, 5.4560, 0.2400 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(245, 238, 234)` looks like.

```
.text, #text, p{  
    color:rgb(245, 238, 234)  
}
```

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(245, 238, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 238, 234) }
```

## Border

The CSS property to change the border of an element to YIQ 239.6370, 5.4560, 0.2400 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(245, 238, 234) }
```



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

```
.border{ border-color:rgb(245, 238, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 238, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 238, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 238, 234);  
box-shadow:4px 4px 4px 4px rgb(245, 238,  
234) }
```

# Background

The CSS property to change the background color of an element to YIQ 239.6370, 5.4560, 0.2400 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 238, 234) }
```

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

```
.background{ background-color: rgb(245,  
238, 234) }
```

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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