

Converting Colors

YIQ(239.0440, 5.8680, 3.7880)

Have a look what the booklet for
YIQ(239.0440, 5.8680, 3.7880)
contains.

YIQ(239.0440, 5.8680, 3.7880)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(239.0440, 5.8680,
3.7880)**

Conversions

Conversions Part 1

Format	Color
Hex	F7EBEF
RGB	247, 235, 239
RGB Percent	97%, 92%, 94%
CMY	0.0313, 0.0784, 0.0627
CMYK	0.00, 0.05, 0.03, 0.03
HSL	340°, 43%, 95%
HSV	340°, 5%, 97%
XYZ	83.6482, 85.4217, 93.7446
YIQ	239.0440, 5.8680, 3.7880

Conversions

Conversions Part 2

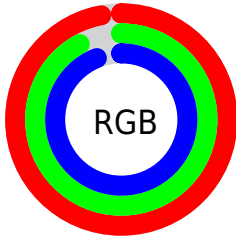
Format	Color
R _Y B	247, 235, 239
Decimal	16247791
CIE Lab	94.06, 4.74, -0.50
CIE LCh	94, 4.765, 353.995
Yxy	85.4217, 0.3183, 0.3250
Android (android.graphics.Color)	4294437871 (0xFFFF7EBEF)
YUV	239.0440, -0.0217, 6.9774
Hunter-Lab	92.4238, -0.1903, 4.5594

Details

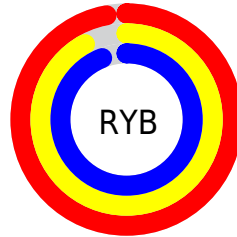
The YIQ color $239.0440, 5.8680, 3.7880$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $242.9560, -5.8680, -3.7880$, and the grayscale version is $239.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $183.0440, 5.8680, 3.7880$ is the 20% darker color. If you saturate the color by 10%, you get $222.5450, 17.8790, 11.8870$, and if you desaturate by 10%, it is $252.6080, -4.7680, -1.6960$.

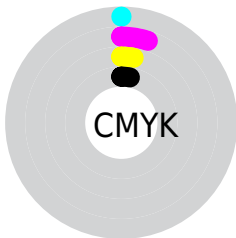
Distribution



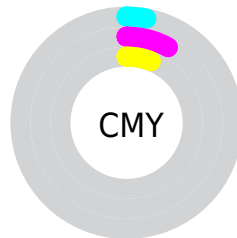
- Red (97%)
- Green (92%)
- Blue (94%)



- Red (97%)
- Yellow (92%)
- Blue (94%)



- Cyan (0%)
- Magenta (5%)
- Yellow (3%)
- Black (3%)



- Cyan (3%)
- Magenta (8%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 239.0440, 5.8680, 3.7880 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 239.0440, 5.8680, 3.7880 by changing the saturation by 10% instead.

239.0440, 5.8680,
3.7880

239.0440, 5.8680,
3.7880

255.0000, -0.0000,
-0.0000

211.0440, 5.8680,
3.7880

183.0440, 5.8680,
3.7880

156.6310, 5.5930,
3.2650

130.3320, 4.9970,
3.0530

105.3320, 4.9970,
3.0530

81.0330, 4.4010,
2.8410

58.0330, 4.4010,

2.8410

■ 36.7340, 3.8050,
2.6290

■ 14.7450, 5.2720,
3.5760

■ 239.0440, 5.8680,
3.7880

■ 239.0440, 5.8680,
3.7880

■ 222.5450, 17.8790,
11.8870

■ 252.6080, -4.7680,
-1.6960

■ 206.5190, 29.9360,
19.1520

■ 190.0200, 41.9470,
27.2510

■ 173.4070, 54.2790,
35.0390

■ 156.9080, 66.2900,
43.1380

■ 140.8820, 78.3470,
50.4030

■ 124.3830, 90.3580,
58.5020

■ 107.7700,
102.6900, 66.2900

■ 91.8580, 114.4260,
73.8660

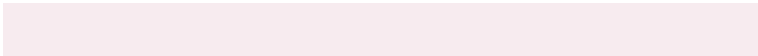
Harmonies

Analogous

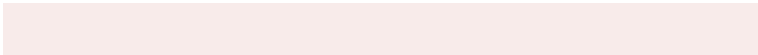
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



238.8910, 1.9250, 3.6610



239.0440, 5.8680, 3.7880



238.7730, 8.0690, 2.4450

Triad

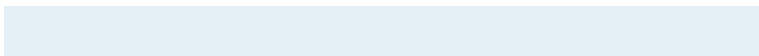
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



239.0440, 5.8680, 3.7880



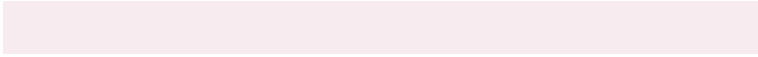
237.5610, 2.6140, -3.3220



236.9820, -8.7570, -0.9890

Complementary

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



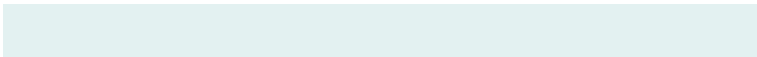
239.0440, 5.8680, 3.7880



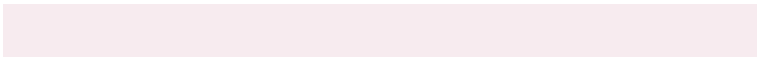
242.9560, -5.8680, -3.7880

Split Complementary

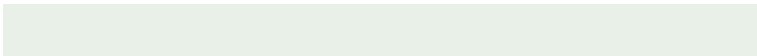
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



236.8140, -8.3440, -2.9680



239.0440, 5.8680, 3.7880



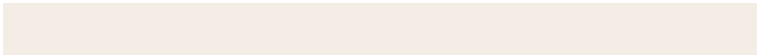
236.6960, -2.2000, -4.1840

Square

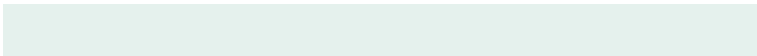
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



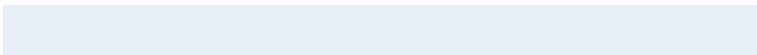
239.0440, 5.8680, 3.7880



237.8820, 6.1440, -1.2160



236.9560, -5.8680, -3.7880



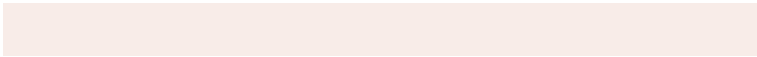
237.8190, -6.7400, 1.0040

Rectangle

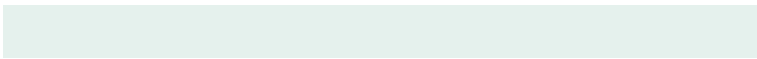
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



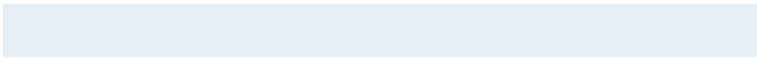
239.0440, 5.8680, 3.7880



239.1320, 8.4360, 1.3000



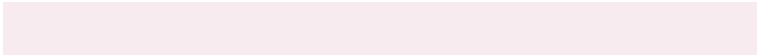
236.9560, -5.8680, -3.7880



236.8680, -8.4360, -1.3000

Sweetspot

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



239.0440, 5.8680, 3.7880



253.0110, 1.4670, 0.9470



238.7600, 0.9160, 5.4280



126.7120, 0.8710, 0.7350



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

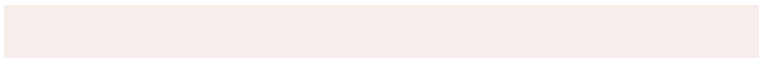
The Same Dimension uses a secret algorithm to generate beautiful new colors.



239.0440, 5.8680, 3.7880



245.0550, 7.3350, 4.7350



239.7620, 6.6020, 1.4980



116.7340, 3.8050, 2.6290



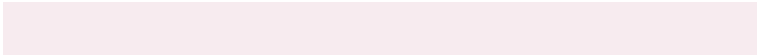
62.6820, 90.9540, 58.7140



19.9210, 28.7440, 18.7280

Inverse Universe

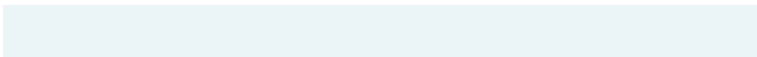
The Inverse Universe completely reimagines the original color for something new.



239.0440, 5.8680, 3.7880



245.0550, 7.3350, 4.7350



242.2380, -6.6020, -1.4980



116.7340, 3.8050, 2.6290



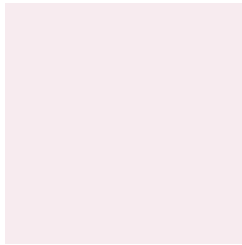
62.6820, 90.9540, 58.7140



19.9210, 28.7440, 18.7280

Previews

White Background



This preview shows how the YIQ color 239.0440, 5.8680, 3.7880 looks on a white background.

Color Contrast Check

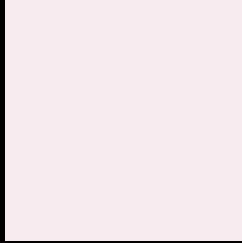
Large Text (above 18pt) WCAG AA × Fail

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 239.0440, 5.8680, 3.7880 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

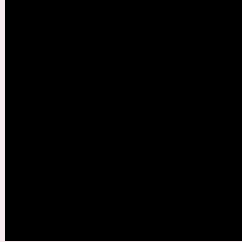
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

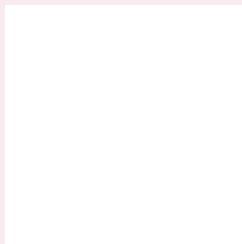
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 239.0440, 5.8680, 3.7880

Background



This preview shows how black text looks on a background with the YIQ color 239.0440, 5.8680, 3.7880.



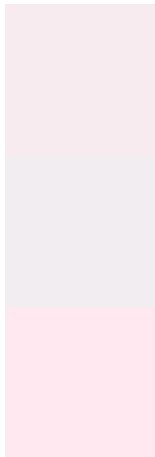
This preview shows how white text looks on a background with the YIQ color 239.0440, 5.8680,

3.7880.

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

239.0440, 5.8680, 3.7880

Protanopia

238.5380, 1.4210, 1.7810

Deuteranopia

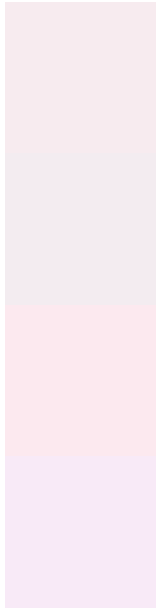
239.6750, 11.4610, 7.0530



Tritanopia

239.8360, 3.7580, 8.9900

Trichromacy



Original Color

239.0440, 5.8680, 3.7880

Protanomaly

238.5490, 2.8880, 2.7280

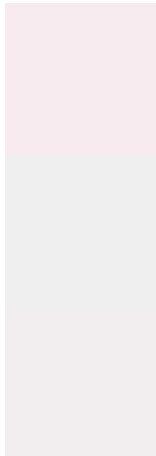
Deuteranomaly

239.3650, 9.3980, 5.8940

Tritanomaly

239.6680, 4.1710, 7.0110

Monochromacy



Original Color

239.0440, 5.8680, 3.7880

Achromatopsia

239.0000, -0.0000, -0.0000

Achromatomaly

239.3100, 2.0630, 1.1590

CSS Examples

Text

The CSS property to change the color of the text to YIQ 239.0440, 5.8680, 3.7880 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, 235, 239)` looks like.

```
.text, #text, p{  
    color:rgb(247, 235, 239)  
}
```

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, 235, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 235, 239) }
```

Border

The CSS property to change the border of an element to YIQ 239.0440, 5.8680, 3.7880 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, 235, 239) }
```


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

```
.border{ border-color:rgb(247, 235, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 235, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 235, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 235, 239);  
box-shadow:4px 4px 4px 4px rgb(247, 235,  
239) }
```

Background

The CSS property to change the background color of an element to YIQ 239.0440, 5.8680, 3.7880 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 235, 239) }
```

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

```
.background{ background-color: rgb(247,  
235, 239) }
```

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