

Converting Colors

YIQ(239.8480, 3.4840, 2.9400)

Have a look what the booklet for
YIQ(239.8480, 3.4840, 2.9400)
contains.

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Color

**YIQ(239.8480, 3.4840,
2.9400)**

Conversions

Conversions Part 1

Format	Color
Hex	F5EDF1
RGB	245, 237, 241
RGB Percent	96%, 93%, 95%
CMY	0.0392, 0.0706, 0.0549
CMYK	0.00, 0.03, 0.02, 0.04
HSL	330°, 29%, 95%
HSV	330°, 3%, 96%
XYZ	83.8189, 86.3309, 95.4670
YIQ	239.8480, 3.4840, 2.9400

Conversions

Conversions Part 2

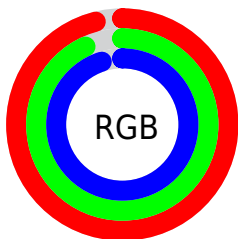
Format	Color
R _Y B	245, 237, 241
Decimal	16117233
CIE Lab	94.45, 3.39, -0.99
CIE LCh	94, 3.528, 343.774
Yxy	86.3309, 0.3156, 0.3250
Android (android.graphics.Color)	4294307313 (0xFFF5EDF1)
YUV	239.8480, 0.5679, 4.5183
Hunter-Lab	92.9144, -1.5739, 4.1213

Details

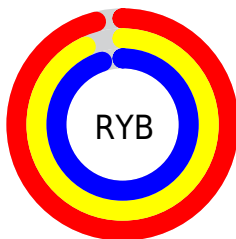
The YIQ color $239.8480, 3.4840, 2.9400$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $242.1520, -3.4840, -2.9400$, and the grayscale version is $240.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $183.8480, 3.4840, 2.9400$ is the 20% darker color. If you saturate the color by 10%, you get $224.3920, 13.9360, 11.7600$, and if you desaturate by 10%, it is $251.7820, -5.3180, -2.7420$.

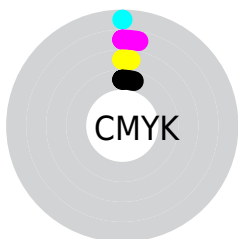
Distribution



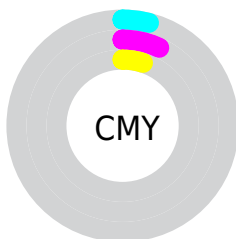
- Red (96%)
- Green (93%)
- Blue (95%)



- Red (96%)
- Yellow (93%)
- Blue (95%)



- Cyan (0%)
- Magenta (3%)
- Yellow (2%)
- Black (4%)



- Cyan (4%)
- Magenta (7%)
- Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 239.8480, 3.4840, 2.9400 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 239.8480, 3.4840, 2.9400 by changing the saturation by 10% instead.


 239.8480, 3.4840,
2.9400

 239.8480, 3.4840,
2.9400

255.0000, -0.0000,
-0.0000

 211.8480, 3.4840,
2.9400

 183.8480, 3.4840,
2.9400

 156.8480, 3.4840,
2.9400

 130.8480, 3.4840,
2.9400

 105.5490, 2.8880,
2.7280

 81.5490, 2.8880,
2.7280

 58.5490, 2.8880,

2.7280

■ 37.1360, 2.6130,
2.2050

■ 15.8480, 3.4840,
2.9400

■ 239.8480, 3.4840,
2.9400

■ 239.8480, 3.4840,
2.9400

■ 224.3920, 13.9360,
11.7600

■ 251.7820, -5.3180,
-2.7420

■ 208.3490, 24.6630,
21.1030

■ 252.0100, -5.9600,
-2.1200

■ 192.7790, 35.4360,
29.6120

■ 176.7360, 46.1630,
38.9550

■ 160.6930, 56.8900,
48.2980

■ 145.1230, 67.6630,
56.8070

■ 129.0800, 78.3900,
66.1500

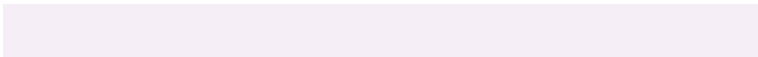
■ 113.6240, 88.8420,
74.9700

■ 97.5810, 99.5690,
84.3130

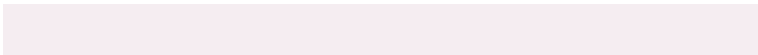
Harmonies

Analogous

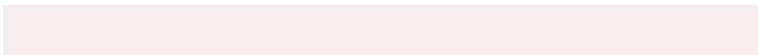
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



239.8800, 0.4580, 2.7140



239.8480, 3.4840, 2.9400



240.1040, 5.6390, 2.4310

Triad

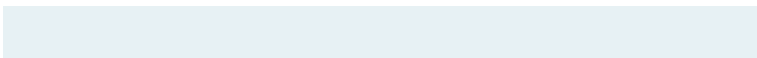
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



239.8480, 3.4840, 2.9400



238.5010, 2.8430, -1.9650



238.3520, -6.9230, -1.1870

Complementary

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



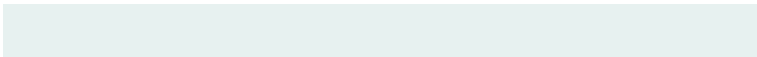
239.8480, 3.4840, 2.9400



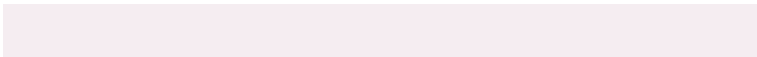
242.1520, -3.4840, -2.9400

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.



237.8960, -5.6390, -2.4310



239.8480, 3.4840, 2.9400



238.1200, -0.4580, -2.7140

Square

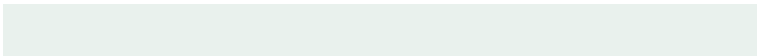
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



239.8480, 3.4840, 2.9400



239.2240, 5.1810, -0.2830



238.1520, -3.4840, -2.9400



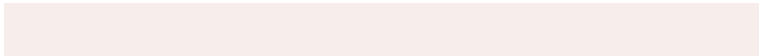
238.7760, -5.1810, 0.2830

Rectangle

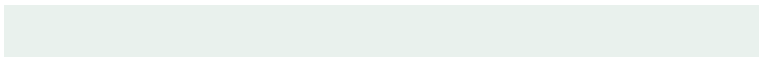
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



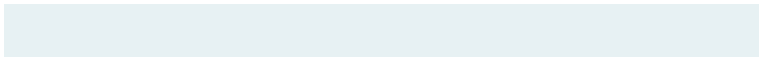
239.8480, 3.4840, 2.9400



239.7620, 6.6020, 1.4980



238.1520, -3.4840, -2.9400



238.2380, -6.6020, -1.4980

Sweetspot

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



239.8480, 3.4840, 2.9400



253.1250, 1.1460, 1.2580



239.1080, -0.1840, 3.3360



126.7120, 0.8710, 0.7350



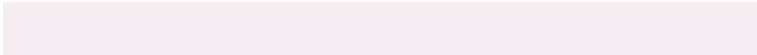
0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

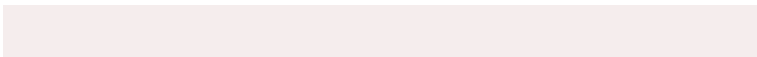
The Same Dimension uses a secret algorithm to generate beautiful new colors.



239.8480, 3.4840, 2.9400



248.5600, 4.3550, 3.6750



239.3920, 4.7680, 1.6960



118.1360, 2.6130, 2.2050



66.2160, 81.0030, 68.3550



20.9470, 25.8550, 21.5270

Inverse Universe

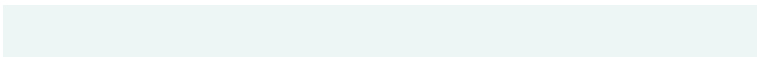
The Inverse Universe completely reimagines the original color for something new.



239.8480, 3.4840, 2.9400



248.5600, 4.3550, 3.6750



242.6080, -4.7680, -1.6960



118.1360, 2.6130, 2.2050



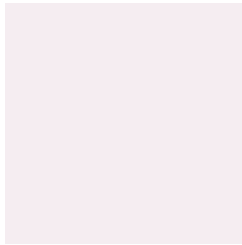
66.2160, 81.0030, 68.3550



20.9470, 25.8550, 21.5270

Previews

White Background



This preview shows how the YIQ color 239.8480, 3.4840, 2.9400 looks on a white background.

Color Contrast Check

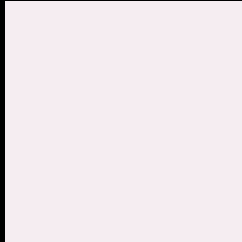
Large Text (above 18pt) WCAG AA × Fail

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 239.8480, 3.4840, 2.9400 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

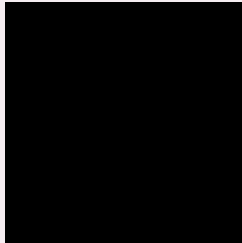
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

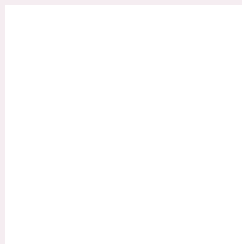
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 239.8480, 3.4840, 2.9400

Background



This preview shows how black text looks on a background with the YIQ color 239.8480, 3.4840, 2.9400.



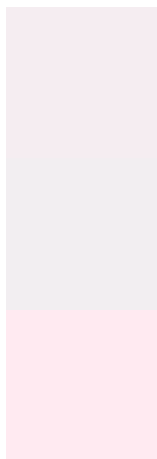
This preview shows how white text looks on a background with the YIQ color 239.8480, 3.4840,

2.9400.

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

239.8480, 3.4840, 2.9400

Protanopia

239.5380, 1.4210, 1.7810

Deuteranopia

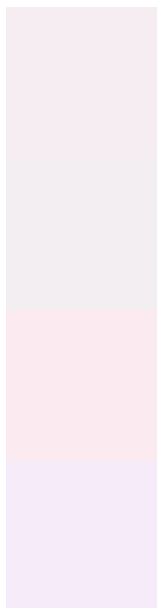
241.0770, 10.2690, 6.6290



Tritanopia

240.7540, 1.0530, 8.4530

Trichromacy



Original Color

239.8480, 3.4840, 2.9400

Protanomaly

239.8370, 2.0170, 1.9930

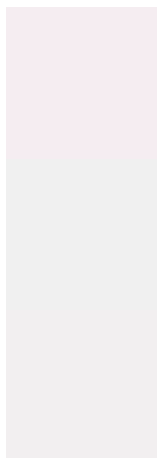
Deuteranomaly

240.4680, 7.6100, 5.2580

Tritanomaly

240.4720, 1.7870, 6.1630

Monochromacy



Original Color

239.8480, 3.4840, 2.9400

Achromatopsia

240.0000, -0.0000, -0.0000

Achromatomaly

240.0110, 1.4670, 0.9470

CSS Examples

Text

The CSS property to change the color of the text to YIQ 239.8480, 3.4840, 2.9400 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, 237, 241)` looks like.

```
.text, #text, p{  
    color:rgb(245, 237, 241)  
}
```

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, 237, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 237, 241) }
```

Border

The CSS property to change the border of an element to YIQ 239.8480, 3.4840, 2.9400 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, 237, 241) }
```


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

```
.border{ border-color:rgb(245, 237, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 237, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 237, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 237, 241);  
box-shadow:4px 4px 4px 4px rgb(245, 237,  
241) }
```

Background

The CSS property to change the background color of an element to YIQ 239.8480, 3.4840, 2.9400 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 237, 241) }
```

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

```
.background{ background-color: rgb(245,  
237, 241) }
```

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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