

Converting Colors

YIQ(239.1680, -0.4130, 1.9790)

Have a look what the booklet for
YIQ(239.1680, -0.4130, 1.9790)
contains.

YIQ(239.1680, -0.4130, 1.9790)	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(239.1680, -0.4130,
1.9790)**

Conversions

Conversions Part 1

Format	Color
Hex	F0EEF3
RGB	240, 238, 243
RGB Percent	94%, 93%, 95%
CMY	0.0588, 0.0666, 0.0471
CMYK	0.01, 0.02, 0.00, 0.05
HSL	264°, 17%, 94%
HSV	264°, 2%, 95%
XYZ	82.6876, 86.1452, 97.0625
YIQ	239.1680, -0.4130, 1.9790

Conversions

Conversions Part 2

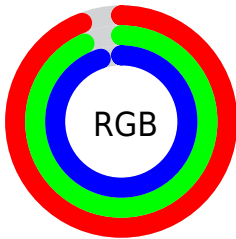
Format	Color
R_{YB}	240, 238, 243
Decimal	15789811
CIE Lab	94.37, 1.56, -2.18
CIE LCh	94, 2.684, 305.588
Yxy	86.1452, 0.3110, 0.3240
Android (android.graphics.Color)	4293979891 (0xFF0EEF3)
YUV	239.1680, 1.8892, 0.7297
Hunter-Lab	92.8144, -3.4011, 2.9664

Details

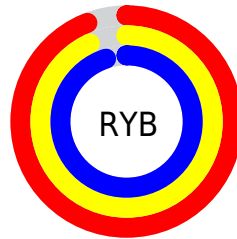
The YIQ color $239.1680, -0.4130, 1.9790$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $241.8320, 0.4130, -1.9790$, and the grayscale version is $239.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $183.1680, -0.4130, 1.9790$ is the 20% darker color. If you saturate the color by 10%, you get $220.5950, -2.7530, 11.3510$, and if you desaturate by 10%, it is $253.6320, 3.8520, -3.7320$.

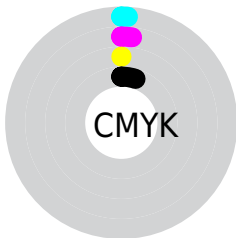
Distribution



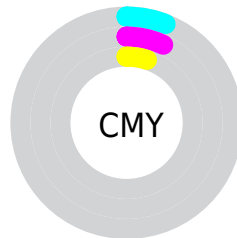
- Red (94%)
- Green (93%)
- Blue (95%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the YIQ color 239.1680, -0.4130, 1.9790 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 239.1680, -0.4130, 1.9790 by changing the saturation by 10% instead.

■ 239.1680, -0.4130,
1.9790

■ 239.1680, -0.4130,
1.9790

255.0000, -0.0000,
-0.0000

■ 211.1680, -0.4130,
1.9790

■ 183.1680, -0.4130,
1.9790

■ 156.1680, -0.4130,
1.9790

■ 130.1680, -0.4130,
1.9790

■ 105.1680, -0.4130,
1.9790

■ 81.0540, -0.0920,
1.6680

■ 58.0540, -0.0920,

1.6680

■ 36.6410, -0.3670,
1.1450

■ 15.1680, -0.4130,
1.9790

■ 239.1680, -0.4130,
1.9790

■ 239.1680, -0.4130,
1.9790

■ 220.5950, -2.7530,
11.3510

■ 253.6320, 3.8520,
-3.7320

■ 201.7340, -4.2220,
21.4580

■ 183.1610, -6.5620,
30.8300

■ 164.8870, -8.3060,
40.4140

■ 146.3140,
-10.6460, 49.7860

■ 127.4530,
-12.1150, 59.8930

■ 108.8800,
-14.4550, 69.2650

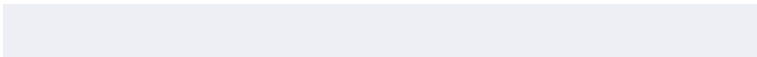
■ 90.3070, -16.7950,
78.6370

■ 71.4460, -18.2640,
88.7440

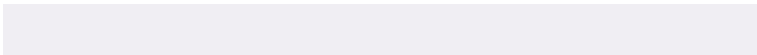
Harmonies

Analogous

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



238.9720, -2.7970, 1.1310



239.1680, -0.4130, 1.9790



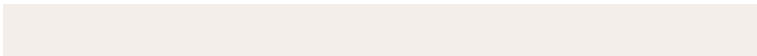
239.2500, 2.2920, 2.5160

Triad

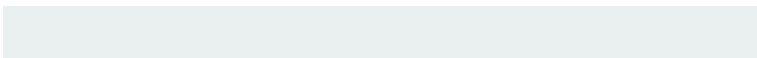
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



239.1680, -0.4130, 1.9790



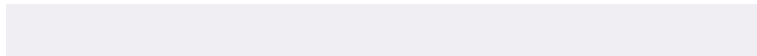
239.0390, 4.2640, -0.1840



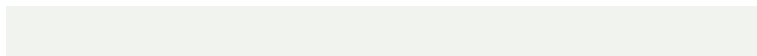
237.7930, -3.8510, -1.7950

Complementary

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



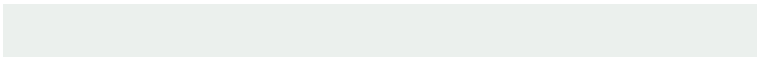
239.1680, -0.4130, 1.9790



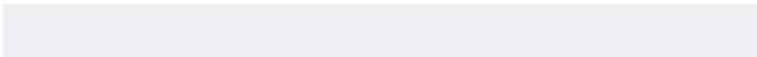
241.8320, 0.4130, -1.9790

Split Complementary

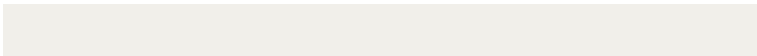
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



238.1630, -2.0170, -1.9930



239.1680, -0.4130, 1.9790



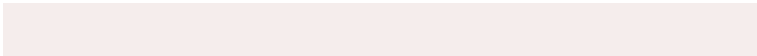
239.0280, 2.7970, -1.1310

Square

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



239.1680, -0.4130, 1.9790



239.2780, 5.0890, 1.3850



238.8320, 0.4130, -1.9790



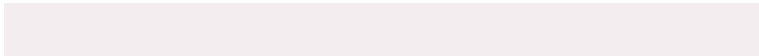
238.1350, -4.8140, -0.8620

Rectangle

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



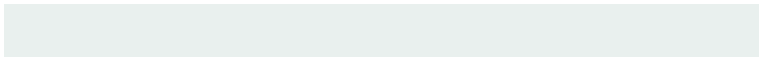
239.1680, -0.4130, 1.9790



239.3210, 3.5300, 2.1060



238.8320, 0.4130, -1.9790



237.6790, -3.5300, -2.1060

Sweetspot

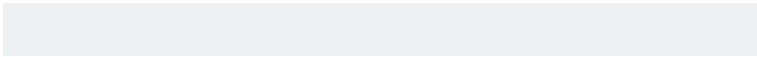
The Sweet Spot groups the original color and five complimentary colors.



239.1680, -0.4130, 1.9790



252.6410, -0.3670, 1.1450



240.3310, -2.4300, -0.0140



126.5270, -0.0460, 0.8340



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

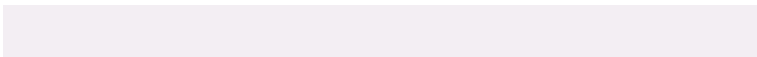
The Same Dimension uses a secret algorithm to generate beautiful new colors.



239.1680, -0.4130, 1.9790



251.1680, -0.4130, 1.9790



240.0650, 1.3750, 2.6150



120.5270, -0.0460, 0.8340



43.3300, -15.6020, 73.5340



13.6030, -5.2310, 23.2250

Inverse Universe

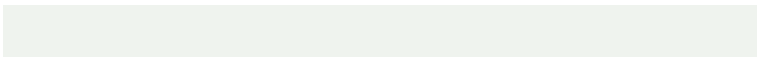
The Inverse Universe completely reimagines the original color for something new.



239.8370, 2.0170, 1.9930



251.8370, 2.0170, 1.9930



241.2340, -0.7790, -2.4030



120.7120, 0.8710, 0.7350



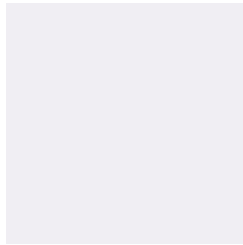
68.3820, 74.9040, 74.2640



21.6310, 23.9290, 23.3930

Previews

White Background



This preview shows how the YIQ color 239.1680, -0.4130, 1.9790 looks on a white background.

Color Contrast Check

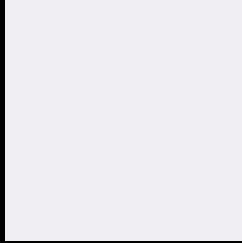
Large Text (above 18pt) WCAG AA × Fail

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 239.1680, -0.4130, 1.9790 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

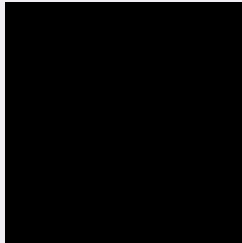
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

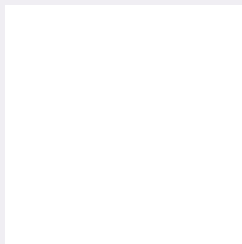
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 239.1680, -0.4130, 1.9790

Background



This preview shows how black text looks on a background with the YIQ color 239.1680, -0.4130, 1.9790.



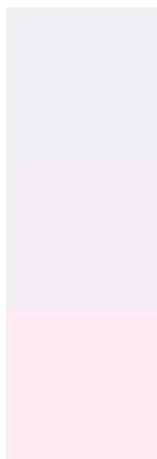
This preview shows how white text looks on a background with the YIQ color 239.1680, -0.4130,

1.9790.

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

239.1680, -0.4130, 1.9790

Protanopia

239.1790, 1.0540, 2.9260

Deuteranopia

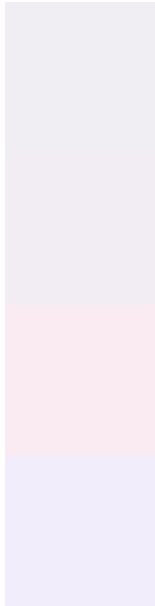
240.7180, 9.9020, 7.7740



Tritanopia

239.9600, -2.5230, 7.1810

Trichromacy



Original Color

239.1680, -0.4130, 1.9790

Protanomaly

238.8800, 0.4580, 2.7140

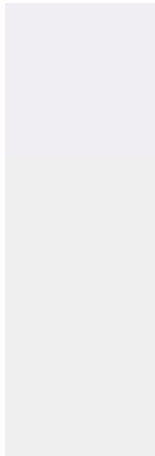
Deuteranomaly

240.3970, 6.3720, 5.6680

Tritanomaly

239.7920, -2.1100, 5.2020

Monochromacy



Original Color

239.1680, -0.4130, 1.9790

Achromatopsia

239.0000, -0.0000, -0.0000

Achromatomaly

239.1140, -0.3210, 0.3110

CSS Examples

Text

The CSS property to change the color of the text to YIQ 239.1680, -0.4130, 1.9790 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(240, 238, 243)` looks like.

```
.text, #text, p{  
    color:rgb(240, 238, 243)  
}
```

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(240, 238, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 238, 243) }
```

Border

The CSS property to change the border of an element to YIQ 239.1680, -0.4130, 1.9790 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(240, 238, 243) }
```


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

```
.border{ border-color:rgb(240, 238, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 238, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 238, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 238, 243);  
box-shadow:4px 4px 4px 4px rgb(240, 238,  
243) }
```

Background

The CSS property to change the background color of an element to YIQ 239.1680, -0.4130, 1.9790 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 238, 243) }
```

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

```
.background{ background-color: rgb(240,  
238, 243) }
```

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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