

Converting Colors

YIQ(239.8690, -10.1770,
-8.2970)

Have a look what the booklet for
YIQ(239.8690, -10.1770, -8.2970)
contains.

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Color

**YIQ(239.8690, -10.1770,
-8.2970)**

Conversions

Conversions Part 1

Format	Color
Hex	E1F8ED
RGB	225, 248, 237
RGB Percent	88%, 97%, 93%
CMY	0.1177, 0.0274, 0.0706
CMYK	0.09, 0.00, 0.04, 0.03
HSL	151°, 62%, 93%
HSV	151°, 9%, 97%
XYZ	79.9017, 89.2597, 93.1321
YIQ	239.8690, -10.1770, -8.2970

Conversions

Conversions Part 2

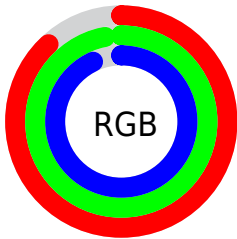
Format	Color
R _Y B	225, 240, 248
Decimal	14809325
CIE Lab	95.69, -9.53, 2.72
CIE LCh	96, 9.906, 164.078
Yxy	89.2597, 0.3046, 0.3403
Android (android.graphics.Color)	4292999405 (0xFFE1F8ED)
YUV	239.8690, -1.4144, -13.0401
Hunter-Lab	94.4774, -14.3738, 7.6884

Details

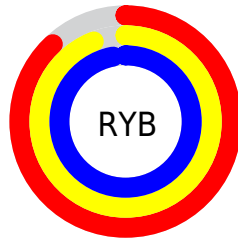
The YIQ color $239.8690, -10.1770, -8.2970$ is a light color, and the websafe version is hex $CCFFFF$. A complement of this color would be $233.1310, 10.1770, 8.2970$, and the grayscale version is $240.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $184.1680, -9.5810, -8.0850$ is the 20% darker color. If you saturate the color by 10%, you get $231.0260, -21.2250, -17.3290$, and if you desaturate by 10%, it is $248.7120, 0.8710, 0.7350$.

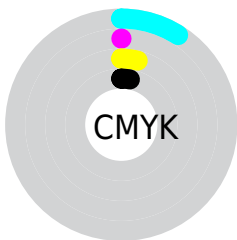
Distribution



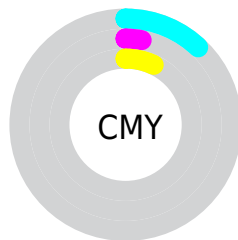
- Red (88%)
- Green (97%)
- Blue (93%)



- Red (88%)
- Yellow (94%)
- Blue (97%)



- Cyan (9%)
- Magenta (0%)
- Yellow (4%)
- Black (3%)



- Cyan (12%)
- Magenta (3%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 239.8690, -10.1770, -8.2970 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 239.8690, -10.1770, -8.2970 by changing the saturation by 10% instead.

239.8690,
-10.1770, -8.2970

239.8690,
-10.1770, -8.2970

255.0000, -0.0000,
-0.0000

211.2820, -9.9020,
-7.7740

184.1680, -9.5810,
-8.0850

157.1680, -9.5810,
-8.0850

130.5810, -9.3060,
-7.5620

105.8800, -8.7100,
-7.3500

81.2930, -8.4350,
-6.8270

58.2930, -8.4350,

-6.8270

■ 36.7060, -8.1600,
-6.3040

■ 14.9830, -10.4980,
-7.9860

■ 239.8690,
-10.1770, -8.2970

■ 239.8690,
-10.1770, -8.2970

■ 231.0260,
-21.2250, -17.3290

■ 248.7120, 0.8710,
0.7350

■ 222.1830,
-32.2730, -26.3610

■ 250.8910, 1.9250,
3.6610

■ 213.6390,
-42.7250, -35.1810

■ 204.9100,
-54.0940, -43.9020

■ 196.0670,
-65.1420, -52.9340

■ 187.2240,
-76.1900, -61.9660

■ 178.3810,
-87.2380, -70.9980

■ 169.8370,
-97.6900, -79.8180

■ 160.9940,
-108.7380, -88.8500

Harmonies

Analogous

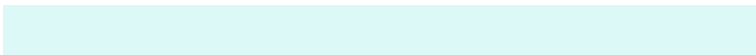
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



240.7730, -1.0990, -7.6190



239.8690, -10.1770, -8.2970



239.5140, -16.3670, -6.2470

Triad

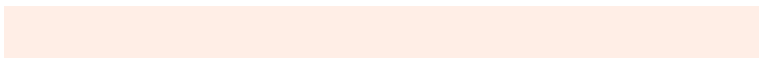
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



239.8690, -10.1770, -8.2970



242.2860, -6.5570, 3.1950



242.1710, 12.7000, 1.1160

Complementary

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



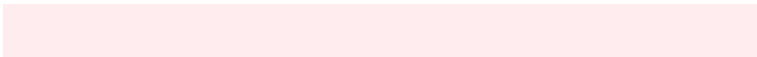
239.8690, -10.1770, -8.2970



233.1310, 10.1770, 8.2970

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.



241.9090, 10.6820, 4.6500



239.8690, -10.1770, -8.2970



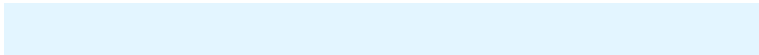
244.1130, 1.4200, 7.3080

Square

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



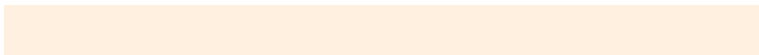
239.8690, -10.1770, -8.2970



240.7580, -13.9380, -0.7060



243.6360, 7.1970, 7.2370



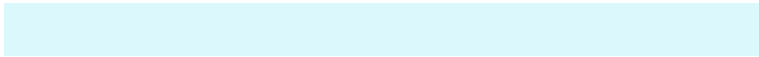
242.6610, 14.0760, -1.7960

Rectangle

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



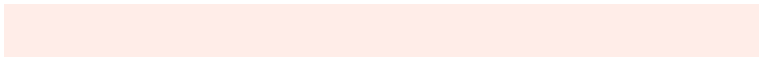
239.8690, -10.1770, -8.2970



239.8990, -18.8890, -4.5930



243.6360, 7.1970, 7.2370



241.8120, 12.3330, 2.2610

Sweetspot

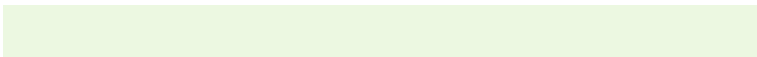
The Sweet Spot groups the original color and five complimentary colors.



239.8690, -10.1770, -8.2970



252.1520, -3.4840, -2.9400



241.7900, 0.2310, -9.6970



125.8640, -2.6130, -2.2050



0.0000, 0.0000, 0.0000



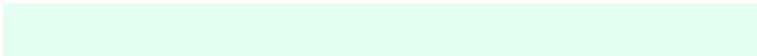
128.0000, -0.0000, -0.0000

Same Dimension

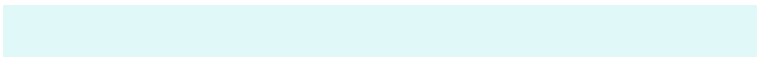
The Same Dimension uses a secret algorithm to generate beautiful new colors.



239.8690, -10.1770, -8.2970



245.1460, -12.5150, -9.9790



241.1230, -13.7080, -4.8760



120.4290, -5.8220, -4.6220



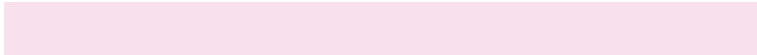
122.1150, -83.4330, -68.3690



39.4550, -27.0470, -21.9510

Inverse Universe

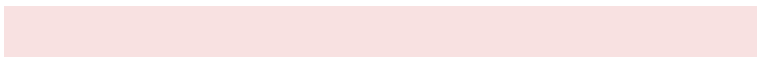
The Inverse Universe completely reimagines the original color for something new.



233.1310, 10.1770, 8.2970



236.8540, 12.5150, 9.9790



231.8770, 13.7080, 4.8760



116.5710, 5.8220, 4.6220



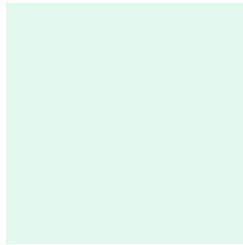
66.7710, 83.7540, 68.0580



21.5450, 27.0470, 21.9510

Previews

White Background



This preview shows how the YIQ color 239.8690, -10.1770, -8.2970 looks on a white background.

Color Contrast Check

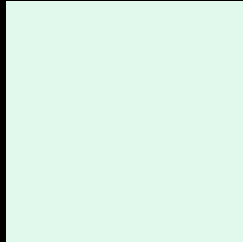
Large Text (above 18pt) WCAG AA × Fail

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 239.8690, -10.1770, -8.2970 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

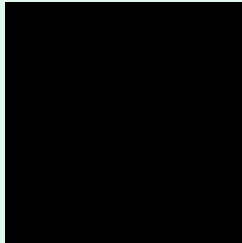
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

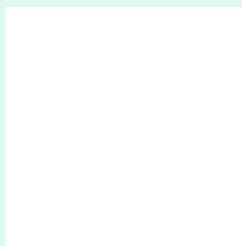
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 239.8690, -10.1770, -8.2970

Background



This preview shows how black text looks on a background with the YIQ color 239.8690, -10.1770, -8.2970.



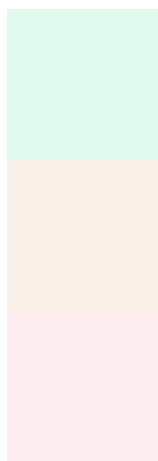
This preview shows how white text looks on a background with the YIQ color 239.8690, -10.1770, -8.2970.

-8.2970.

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

239.8690, -10.1770, -8.2970

Protanopia

242.4800, 7.3360, -0.7920

Deuteranopia

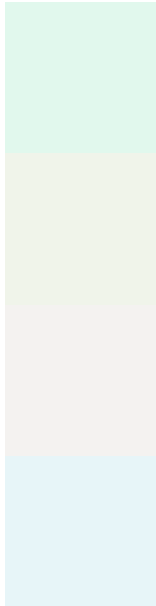
243.4250, 9.1690, 4.5370



Tritanopia

241.9760, -8.6200, 2.0360

Trichromacy



Original Color

239.8690, -10.1770, -8.2970

Protanomaly

241.6640, 0.8260, -3.9580

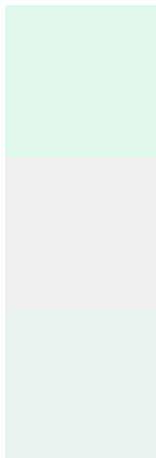
Deuteranomaly

242.3700, 1.8340, -0.1980

Tritanomaly

241.1560, -9.3070, -2.0350

Monochromacy



Original Color

239.8690, -10.1770, -8.2970

Achromatopsia

240.0000, -0.0000, -0.0000

Achromatomaly

240.1520, -3.4840, -2.9400

CSS Examples

Text

The CSS property to change the color of the text to YIQ 239.8690, -10.1770, -8.2970 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(225, 248, 237)` looks like.

```
.text, #text, p{  
    color:rgb(225, 248, 237)  
}
```

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(225, 248, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 248, 237) }
```

Border

The CSS property to change the border of an element to YIQ 239.8690, -10.1770, -8.2970 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(225, 248, 237) }
```


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

```
.border{ border-color:rgb(225, 248, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 248, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 248, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 248, 237);  
box-shadow:4px 4px 4px 4px rgb(225, 248,  
237) }
```

Background

The CSS property to change the background color of an element to YIQ 239.8690, -10.1770, -8.2970 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 248, 237) }
```

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

```
.background{ background-color: rgb(225,  
248, 237) }
```

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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