

Converting Colors

YIQ(239.3270, -5.7750,
-10.9830)

Have a look what the booklet for
YIQ(239.3270, -5.7750, -10.9830)
contains.

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Color

**YIQ(239.3270, -5.7750,
-10.9830)**

Conversions

Conversions Part 1

Format	Color
Hex	E3F8E3
RGB	227, 248, 227
RGB Percent	89%, 97%, 89%
CMY	0.1099, 0.0274, 0.1098
CMYK	0.08, 0.00, 0.08, 0.03
HSL	120°, 60%, 93%
HSV	120°, 8%, 97%
XYZ	79.1085, 89.0144, 85.6839
YIQ	239.3270, -5.7750, -10.9830

Conversions

Conversions Part 2

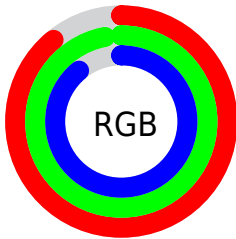
Format	Color
R _Y B	227, 248, 248
Decimal	14940387
CIE Lab	95.59, -10.65, 7.74
CIE LCh	96, 13.168, 143.983
Yxy	89.0144, 0.3117, 0.3507
Android (android.graphics.Color)	4293130467 (0xFFE3F8E3)
YUV	239.3270, -6.0772, -10.8108
Hunter-Lab	94.3475, -15.4393, 12.1976

Details

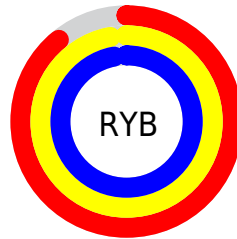
The YIQ color $239.3270, -5.7750, -10.9830$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $235.6730, 5.7750, 10.9830$, and the grayscale version is $239.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $183.7400, -5.5000, -10.4600$ is the 20% darker color. If you saturate the color by 10%, you get $229.0020, -12.6500, -24.0580$, and if you desaturate by 10%, it is $249.6520, 1.1000, 2.0920$.

Distribution



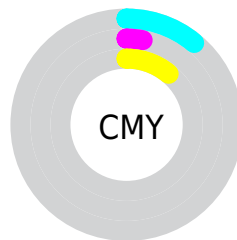
- Red (89%)
- Green (97%)
- Blue (89%)



- Red (89%)
- Yellow (97%)
- Blue (97%)



- Cyan (8%)
- Magenta (0%)
- Yellow (8%)
- Black (3%)



- Cyan (11%)
- Magenta (3%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 239.3270, -5.7750, -10.9830 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 239.3270, -5.7750, -10.9830 by changing the saturation by 10% instead.

■ 239.3270, -5.7750,
-10.9830

■ 239.3270, -5.7750,
-10.9830

255.0000, -0.0000,
-0.0000

■ 210.7400, -5.5000,
-10.4600

■ 183.7400, -5.5000,
-10.4600

■ 156.1530, -5.2250,
-9.9370

■ 130.1530, -5.2250,
-9.9370

■ 105.2670, -5.5460,
-9.6260

■ 80.9790, -4.6750,
-8.8910

■ 58.0930, -4.9960,

-8.5800

■ 36.5060, -4.7210,
-8.0570

■ 14.2130, -5.4540,
-11.2940

■ 239.3270, -5.7750,
-10.9830

■ 239.3270, -5.7750,
-10.9830

■ 229.0020,
-12.6500, -24.0580

■ 249.6520, 1.1000,
2.0920

■ 218.6770,
-19.5250, -37.1330

■ 250.8910, 1.9250,
3.6610

■ 208.7650,
-26.1250, -49.6850

■ 198.4400,
-33.0000, -62.7600

■ 188.1150,
-39.8750, -75.8350

■ 177.7900,
-46.7500, -88.9100

■ 167.5790,
-53.9460, -101.6740

■ 157.5530,
-60.2250, -114.5370

■ 147.2280,
-67.1000, -127.6120

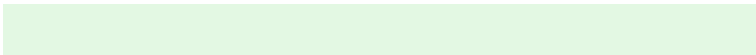
Harmonies

Analogous

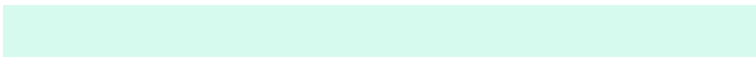
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



241.1390, 6.5580, -8.7220



239.3270, -5.7750, -10.9830



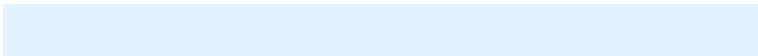
238.2810, -17.3290, -10.8410

Triad

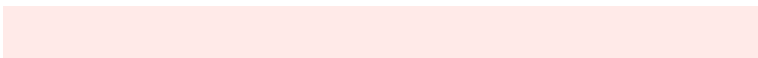
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



239.3270, -5.7750, -10.9830



239.8720, -14.2590, -0.3950



240.0510, 13.1580, 3.8300

Complementary

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



239.3270, -5.7750, -10.9830



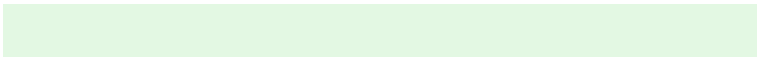
235.6730, 5.7750, 10.9830

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.



241.5330, 8.9850, 7.8730



239.3270, -5.7750, -10.9830



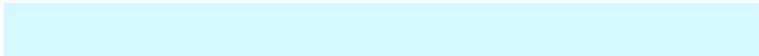
242.3080, -3.6230, 5.0890

Square

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



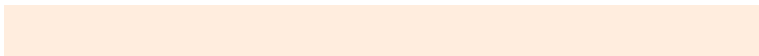
239.3270, -5.7750, -10.9830



238.6320, -22.5110, -5.0310



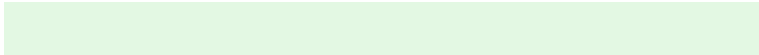
243.8470, 5.2250, 9.9370



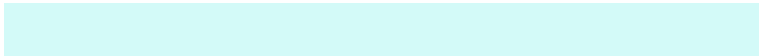
240.6720, 15.5430, -0.8490

Rectangle

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



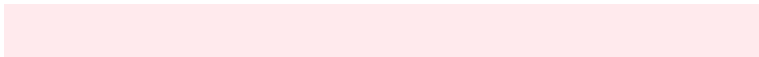
239.3270, -5.7750, -10.9830



238.1110, -22.6020, -8.8900



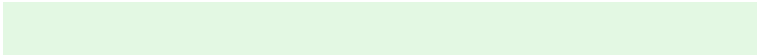
243.8470, 5.2250, 9.9370



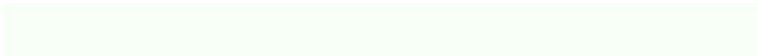
240.6210, 11.5530, 5.3850

Sweetspot

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



239.3270, -5.7750, -10.9830



251.6960, -2.2000, -4.1840



245.6060, 6.7410, -6.5310



125.5220, -1.6500, -3.1380



0.0000, 0.0000, 0.0000



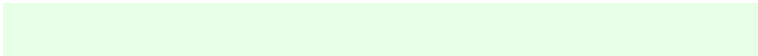
128.0000, -0.0000, -0.0000

Same Dimension

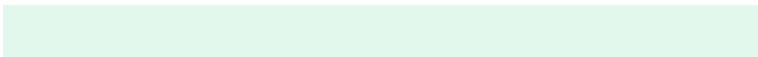
The Same Dimension uses a secret algorithm to generate beautiful new colors.



239.3270, -5.7750, -10.9830



244.6750, -6.8750, -13.0750



240.4670, -8.9850, -7.8730



119.6310, -3.5750, -6.7990



110.9430, -51.9750, -98.8470



35.8070, -16.7750, -31.9030

Inverse Universe

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



235.6730, 5.7750, 10.9830



240.3250, 6.8750, 13.0750



234.4190, 9.3060, 7.5620



117.3690, 3.5750, 6.7990



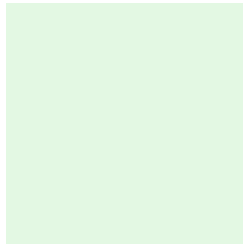
78.0570, 51.9750, 98.8470



25.1930, 16.7750, 31.9030

Previews

White Background



This preview shows how the YIQ color 239.3270, -5.7750, -10.9830 looks on a white background.

Color Contrast Check

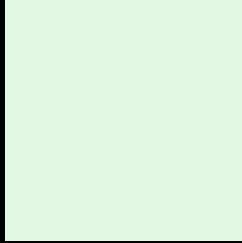
Large Text (above 18pt) WCAG AA × Fail

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 239.3270, -5.7750, -10.9830 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

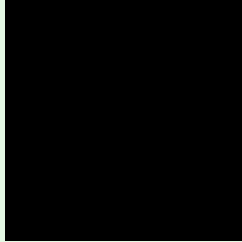
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

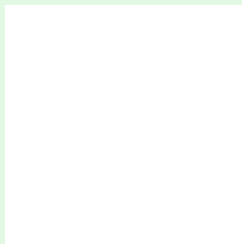
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 239.3270, -5.7750, -10.9830

Background



This preview shows how black text looks on a background with the YIQ color 239.3270, -5.7750, -10.9830.



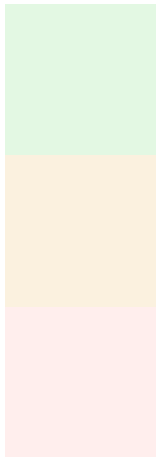
This preview shows how white text looks on a background with the YIQ color 239.3270, -5.7750,

-10.9830.

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**

239.3270, -5.7750, -10.9830

Protanopia

241.9380, 11.7380, -3.4780

Deuteranopia

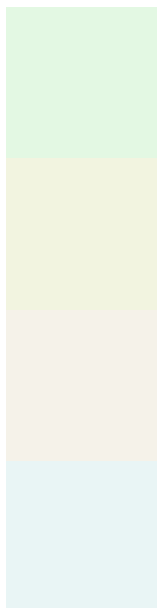
242.9690, 10.4530, 3.2930



Tritanopia

242.2750, -8.0240, 2.2480

Trichromacy



Original Color

239.3270, -5.7750, -10.9830

Protanomaly

241.1220, 5.2280, -6.6440

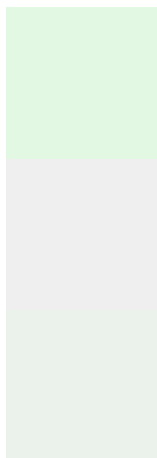
Deuteranomaly

241.8710, 4.6770, -2.1630

Tritanomaly

241.4120, -7.1520, -2.5440

Monochromacy



Original Color

239.3270, -5.7750, -10.9830

Achromatopsia

239.0000, -0.0000, -0.0000

Achromatomaly

239.1090, -1.9250, -3.6610

CSS Examples

Text

The CSS property to change the color of the text to YIQ 239.3270, -5.7750, -10.9830 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(227, 248, 227)` looks like.

```
.text, #text, p{  
    color:rgb(227, 248, 227)  
}
```

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(227, 248, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 248, 227) }
```

Border

The CSS property to change the border of an element to YIQ 239.3270, -5.7750, -10.9830 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(227, 248, 227) }
```


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

```
.border{ border-color:rgb(227, 248, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 248, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 248, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 248, 227);  
box-shadow:4px 4px 4px 4px rgb(227, 248,  
227) }
```

Background

The CSS property to change the background color of an element to YIQ 239.3270, -5.7750, -10.9830 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 248, 227) }
```

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

```
.background{ background-color: rgb(227,  
248, 227) }
```

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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