

Converting Colors

YIQ(239.8670, 10.5000, -3.0680)

Have a look what the booklet for
YIQ(239.8670, 10.5000, -3.0680)
contains.

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Color

**YIQ(239.8670, 10.5000,
-3.0680)**

Conversions

Conversions Part 1

Format	Color
Hex	F8EFDf
RGB	248, 239, 223
RGB Percent	97%, 94%, 87%
CMY	0.0274, 0.0627, 0.1254
CMYK	0.00, 0.04, 0.10, 0.03
HSL	38°, 64%, 92%
HSV	38°, 10%, 97%
XYZ	82.8990, 87.0162, 82.2483
YIQ	239.8670, 10.5000, -3.0680

Conversions

Conversions Part 2

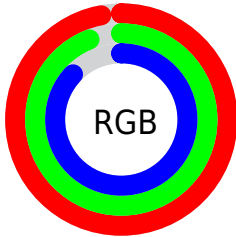
Format	Color
R _Y B	237, 248, 223
Decimal	16314335
CIE Lab	94.75, 0.37, 8.79
CIE LCh	95, 8.802, 87.588
Yxy	87.0162, 0.3288, 0.3451
Android (android.graphics.Color)	4294504415 (0xFF8E8E8E)
YUV	239.8670, -8.3154, 7.1326
Hunter-Lab	93.2825, -4.6137, 13.0210

Details

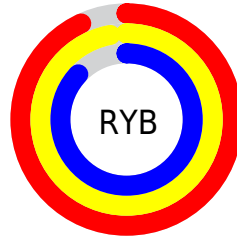
The YIQ color $239.8670, 10.5000, -3.0680$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $231.1330, -10.5000, 3.0680$, and the grayscale version is $240.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $183.9810, 10.1790, -2.7570$ is the 20% darker color. If you saturate the color by 10%, you get $231.7340, 21.0000, -6.1360$, and if you desaturate by 10%, it is $248.0000, -0.0000, -0.0000$.

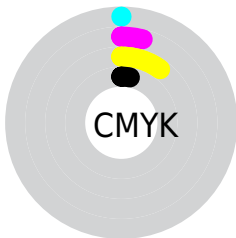
Distribution



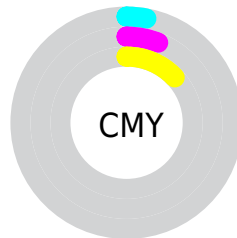
- Red (97%)
- Green (94%)
- Blue (87%)



- Red (93%)
- Yellow (97%)
- Blue (87%)



- Cyan (0%)
- Magenta (4%)
- Yellow (10%)
- Black (3%)



- Cyan (3%)
- Magenta (6%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 239.8670, 10.5000, -3.0680 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 239.8670, 10.5000, -3.0680 by changing the saturation by 10% instead.

■ 239.8670, 10.5000,
-3.0680

■ 239.8670, 10.5000,
-3.0680

255.0000, -0.0000,
-0.0000

■ 211.5680, 9.9040,
-3.2800

■ 183.9810, 10.1790,
-2.7570

■ 156.6820, 9.5830,
-2.9690

■ 130.7960, 9.2620,
-2.6580

■ 105.4970, 8.6660,
-2.8700

■ 81.6110, 8.3450,
-2.5590

■ 58.4260, 7.4280,

-2.4600

■ 37.1270, 6.8320,
-2.6720

■ 15.6820, 9.5830,
-2.9690

■ 239.8670, 10.5000,
-3.0680

■ 239.8670, 10.5000,
-3.0680

■ 231.7340, 21.0000,
-6.1360

■ 248.0000, -0.0000,
-0.0000

■ 223.6010, 31.5000,
-9.2040

■ 252.9070, -4.1720,
-1.4840

■ 215.5820, 41.6790,
-11.9610

■ 207.4490, 52.1790,
-15.0290

■ 199.3160, 62.6790,
-18.0970

■ 191.1830, 73.1790,
-21.1650

■ 183.0500, 83.6790,
-24.2330

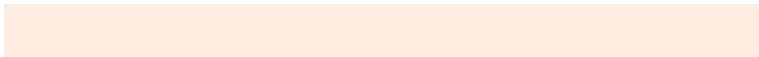
■ 175.6180, 93.5830,
-27.5130

■ 167.4850,
104.0830, -30.5810

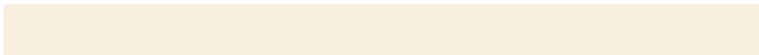
Harmonies

Analogous

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



240.5410, 14.5340, 0.9180



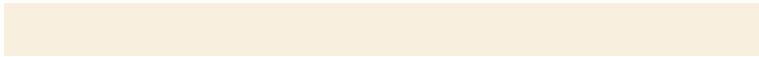
239.8670, 10.5000, -3.0680



238.8660, 3.0730, -6.1350

Triad

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



239.8670, 10.5000, -3.0680



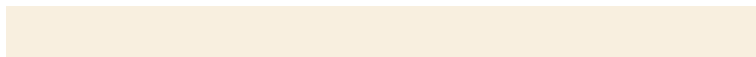
237.4540, -16.1380, -4.8900



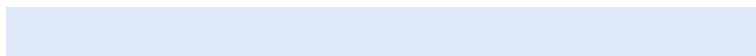
241.9670, 4.7670, 7.2230

Complementary

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



239.8670, 10.5000, -3.0680



231.1330, -10.5000, 3.0680

Split Complementary

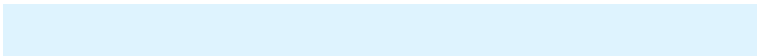
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



240.8350, -3.6690, 5.9230



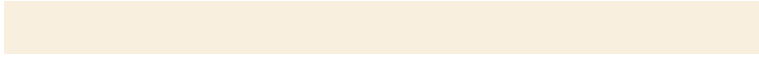
239.8670, 10.5000, -3.0680



237.9750, -16.0470, -1.0310

Square

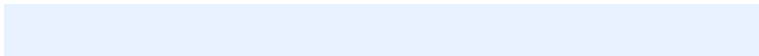
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



239.8670, 10.5000, -3.0680



237.4390, -11.7820, -6.7420



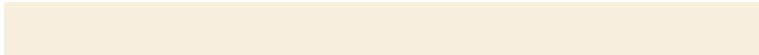
239.6060, -10.4540, 2.2340



241.0770, 10.2690, 6.6290

Rectangle

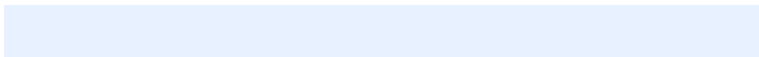
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



239.8670, 10.5000, -3.0680



238.0010, -1.7410, -6.9970



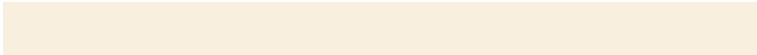
239.6060, -10.4540, 2.2340



241.2980, 2.3370, 7.2090

Sweetspot

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



239.8670, 10.5000, -3.0680



252.3270, 3.3930, -0.9190



231.5010, 12.0110, 8.0990



126.1420, 2.4760, -0.8200



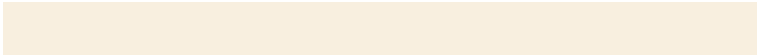
0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

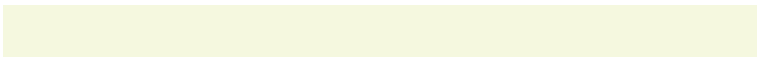
The Same Dimension uses a secret algorithm to generate beautiful new colors.



239.8670, 10.5000, -3.0680



245.0090, 12.9760, -3.8880



244.2530, 6.2370, -8.4110



120.5830, 5.5480, -1.4280



127.5380, 79.3690, -23.2150



41.1320, 25.6310, -7.4650

Inverse Universe

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



231.1330, -10.5000, 3.0680



233.9910, -12.9760, 3.8880



226.7470, -6.2370, 8.4110



116.4170, -5.5480, 1.4280



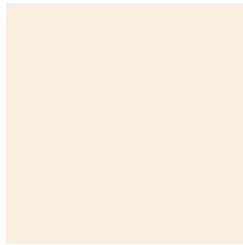
61.4620, -79.3690, 23.2150



19.8680, -25.6310, 7.4650

Previews

White Background



This preview shows how the YIQ color 239.8670, 10.5000, -3.0680 looks on a white background.

Color Contrast Check

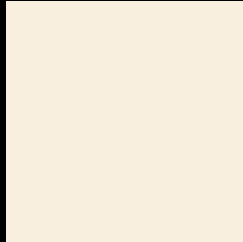
Large Text (above 18pt) WCAG AA × Fail

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 239.8670, 10.5000, -3.0680 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

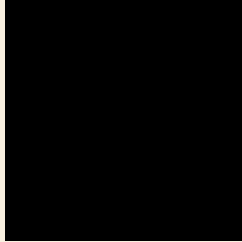
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 239.8670, 10.5000, -3.0680

Background



This preview shows how black text looks on a background with the YIQ color 239.8670, 10.5000, -3.0680.



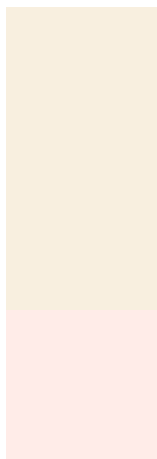
This preview shows how white text looks on a background with the YIQ color 239.8670, 10.5000, -3.0680.

-3.0680.

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

239.8670, 10.5000, -3.0680

Protanopia

239.8670, 10.5000, -3.0680

Deuteranopia

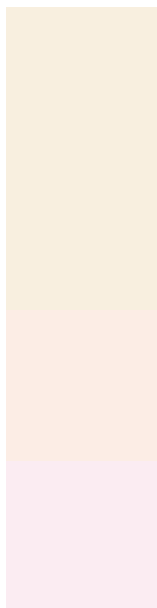
241.2250, 12.6080, 2.7840



Tritanopia

242.1350, 4.3540, 9.2020

Trichromacy



Original Color

239.8670, 10.5000, -3.0680

Protanomaly

239.8670, 10.5000, -3.0680

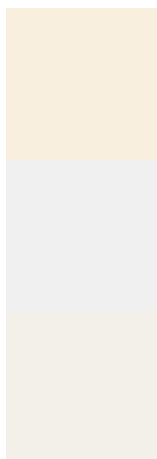
Deuteranomaly

240.5730, 11.5080, 0.6920

Tritanomaly

241.1690, 7.0140, 5.0460

Monochromacy



Original Color

239.8670, 10.5000, -3.0680

Achromatopsia

240.0000, -0.0000, -0.0000

Achromatomaly

240.2130, 3.7140, -1.2300

CSS Examples

Text

The CSS property to change the color of the text to YIQ 239.8670, 10.5000, -3.0680 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(248, 239, 223)` looks like.

```
.text, #text, p{  
    color:rgb(248, 239, 223)  
}
```

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(248, 239, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 239, 223) }
```

Border

The CSS property to change the border of an element to YIQ 239.8670, 10.5000, -3.0680 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(248, 239, 223) }
```


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

```
.border{ border-color:rgb(248, 239, 223) }
```

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

Here you see how a box with a 4 pixel rgb(248, 239, 223) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 239, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 239, 223);  
box-shadow:4px 4px 4px 4px rgb(248, 239,  
223) }
```

Background

The CSS property to change the background color of an element to YIQ 239.8670, 10.5000, -3.0680 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 239, 223) }
```

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

```
.background{ background-color: rgb(248,  
239, 223) }
```

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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