

Converting Colors

YIQ(240.9670, -4.4010, -2.8410)

Have a look what the booklet for
YIQ(240.9670, -4.4010, -2.8410)
contains.

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Color

**YIQ(240.9670, -4.4010,
-2.8410)**

Conversions

Conversions Part 1

Format	Color
Hex	EBF4F1
RGB	235, 244, 241
RGB Percent	92%, 96%, 95%
CMY	0.0784, 0.0431, 0.0549
CMYK	0.04, 0.00, 0.01, 0.04
HSL	160°, 29%, 94%
HSV	160°, 4%, 96%
XYZ	82.4874, 88.7154, 95.9923
YIQ	240.9670, -4.4010, -2.8410

Conversions

Conversions Part 2

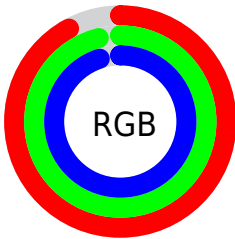
Format	Color
R _Y B	235, 240, 244
Decimal	15463665
CIE Lab	95.46, -3.51, 0.40
CIE LCh	95, 3.532, 173.477
Yxy	88.7154, 0.3087, 0.3320
Android (android.graphics.Color)	4293653745 (0xFFEBF4F1)
YUV	240.9670, 0.0163, -5.2331
Hunter-Lab	94.1889, -8.5063, 5.5070

Details

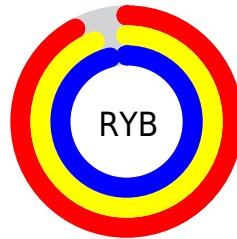
The YIQ color $240.9670, -4.4010, -2.8410$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $238.0330, 4.4010, 2.8410$, and the grayscale version is $241.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $184.9670, -4.4010, -2.8410$ is the 20% darker color. If you saturate the color by 10%, you get $232.8790, -16.1370, -10.4170$, and if you desaturate by 10%, it is $247.8590, 4.9510, 3.8870$.

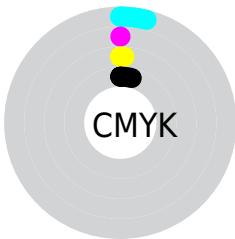
Distribution



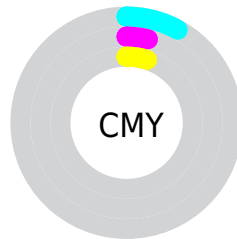
- Red (92%)
- Green (96%)
- Blue (95%)



- Red (92%)
- Yellow (94%)
- Blue (96%)



- Cyan (4%)
- Magenta (0%)
- Yellow (1%)
- Black (4%)



- Cyan (8%)
- Magenta (4%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 240.9670, -4.4010, -2.8410 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 240.9670, -4.4010, -2.8410 by changing the saturation by 10% instead.

■ 240.9670, -4.4010,
-2.8410

■ 240.9670, -4.4010,
-2.8410

255.0000, -0.0000,
-0.0000

■ 212.9670, -4.4010,
-2.8410

■ 184.9670, -4.4010,
-2.8410

■ 158.2660, -3.8050,
-2.6290

■ 132.2660, -3.8050,
-2.6290

■ 106.6790, -3.5300,
-2.1060

■ 82.6790, -3.5300,
-2.1060

■ 59.6790, -3.5300,

-2.1060

■ 37.6790, -3.5300,
-2.1060

■ 16.9670, -4.4010,
-2.8410

■ 240.9670, -4.4010,
-2.8410

■ 240.9670, -4.4010,
-2.8410

■ 232.8790,
-16.1370, -10.4170

■ 247.8590, 4.9510,
3.8870

■ 224.4920,
-28.4690, -18.2050

■ 248.5430, 3.0250,
5.7530

■ 216.4040,
-40.2050, -25.7810

■ 207.9030,
-52.2160, -33.8800

■ 199.8150,
-63.9520, -41.4560

■ 191.7270,
-75.6880, -49.0320

■ 183.3400,
-88.0200, -56.8200

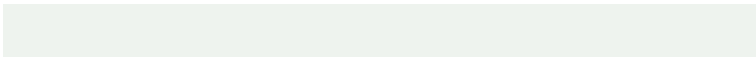
■ 175.2520,
-99.7560, -64.3960

■ 166.8650,
-112.0880, -72.1840

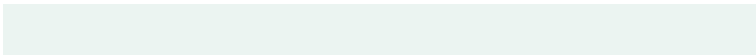
Harmonies

Analogous

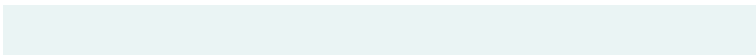
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



240.9350, -1.3750, -2.6150



240.9670, -4.4010, -2.8410



241.0100, -5.9600, -2.1200

Triad

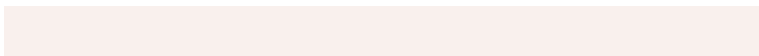
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



240.9670, -4.4010, -2.8410



242.0970, -1.6510, 2.3890



242.3490, 6.3270, 0.9750

Complementary

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



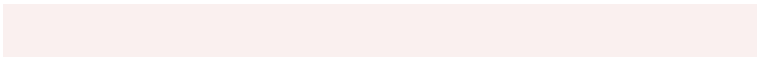
240.9670, -4.4010, -2.8410



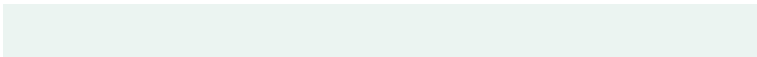
238.0330, 4.4010, 2.8410

Split Complementary

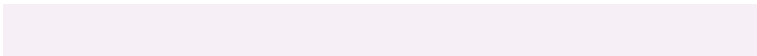
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



242.8760, 6.2810, 1.8090



240.9670, -4.4010, -2.8410



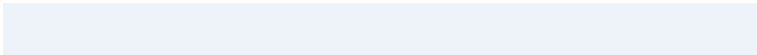
242.4780, 1.6500, 3.1380

Square

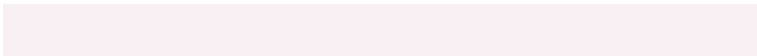
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



240.9670, -4.4010, -2.8410



241.6020, -4.6310, 1.3290



243.0330, 4.4010, 2.8410



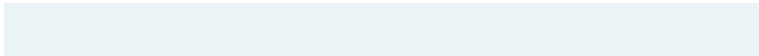
241.8110, 4.9060, -0.8060

Rectangle

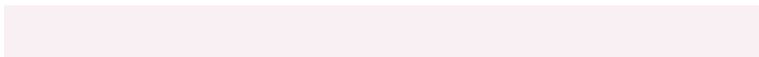
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



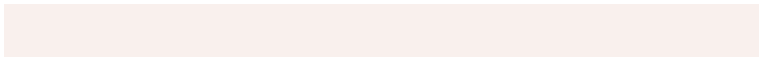
240.9670, -4.4010, -2.8410



241.2380, -6.6020, -1.4980



243.0330, 4.4010, 2.8410



242.3490, 6.3270, 0.9750

Sweetspot

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



240.9670, -4.4010, -2.8410



253.9890, -1.4670, -0.9470



241.1800, -0.6870, -4.0710



127.2880, -0.8710, -0.7350



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

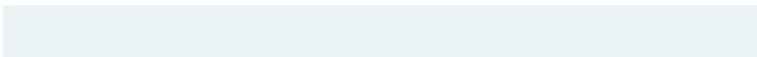
The Same Dimension uses a secret algorithm to generate beautiful new colors.



240.9670, -4.4010, -2.8410



251.6680, -4.9970, -3.0530



240.7220, -5.0890, -1.3850



119.9780, -2.9340, -1.8940



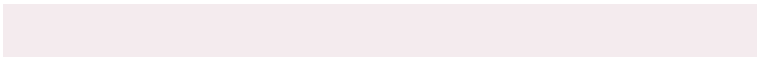
123.3180, -90.9540, -58.7140



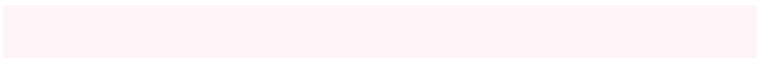
39.0790, -28.7440, -18.7280

Inverse Universe

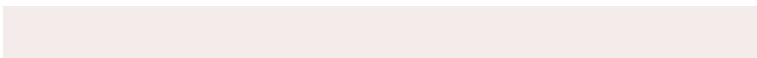
The Inverse Universe completely reimagines the original color for something new.



238.0330, 4.4010, 2.8410



248.3320, 4.9970, 3.0530



238.2780, 5.0890, 1.3850



118.0220, 2.9340, 1.8940



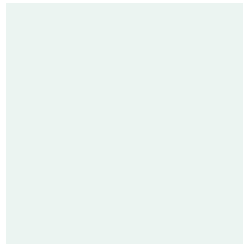
62.6820, 90.9540, 58.7140



19.9210, 28.7440, 18.7280

Previews

White Background



This preview shows how the YIQ color 240.9670, -4.4010, -2.8410 looks on a white background.

Color Contrast Check

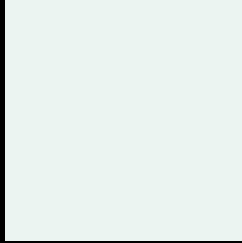
Large Text (above 18pt) WCAG AA × Fail

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 240.9670, -4.4010, -2.8410 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

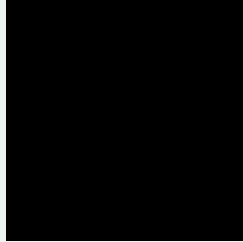
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

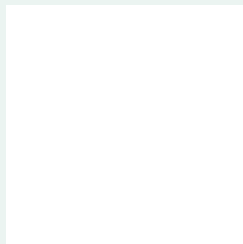
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 240.9670, -4.4010, -2.8410

Background



This preview shows how black text looks on a background with the YIQ color 240.9670, -4.4010, -2.8410.



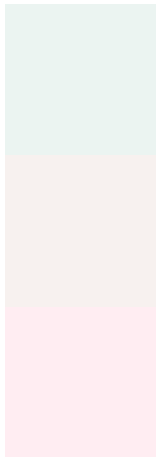
This preview shows how white text looks on a background with the YIQ color 240.9670, -4.4010, -2.8410.

-2.8410.

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

240.9670, -4.4010, -2.8410

Protanopia

242.5660, 4.2180, 0.6500

Deuteranopia

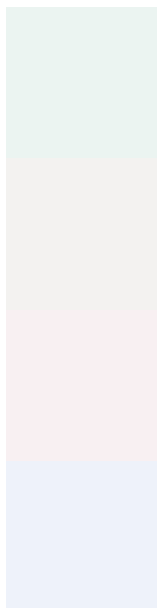
242.9520, 9.1230, 5.3710



Tritanopia

241.9980, -5.6860, 3.9300

Trichromacy



Original Color

240.9670, -4.4010, -2.8410

Protanomaly

242.0710, 1.2380, -0.4100

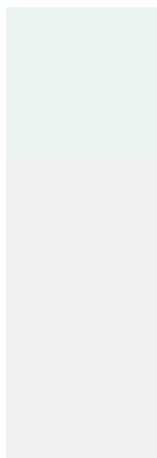
Deuteranomaly

242.6200, 4.1260, 2.3180

Tritanomaly

241.7160, -4.9520, 1.6400

Monochromacy



Original Color

240.9670, -4.4010, -2.8410

Achromatopsia

241.0000, -0.0000, -0.0000

Achromatomaly

240.9890, -1.4670, -0.9470

CSS Examples

Text

The CSS property to change the color of the text to YIQ 240.9670, -4.4010, -2.8410 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(235, 244, 241)` looks like.

```
.text, #text, p{  
    color:rgb(235, 244, 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(235, 244, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 244, 241) }
```

Border

The CSS property to change the border of an element to YIQ 240.9670, -4.4010, -2.8410 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(235, 244, 241) }
```


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

```
.border{ border-color:rgb(235, 244, 241) }
```

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

Here you see how a box with a 4 pixel rgb(235, 244, 241) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 244, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 244, 241);  
box-shadow:4px 4px 4px 4px rgb(235, 244,  
241) }
```

Background

The CSS property to change the background color of an element to YIQ 240.9670, -4.4010, -2.8410 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 244, 241) }
```

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

```
.background{ background-color: rgb(235,  
244, 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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