

Converting Colors

YIQ(241.4400, -4.3550, -3.6750)

Have a look what the booklet for
YIQ(241.4400, -4.3550, -3.6750)
contains.

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Color

**YIQ(241.4400, -4.3550,
-3.6750)**

Conversions

Conversions Part 1

Format	Color
Hex	EBF5F0
RGB	235, 245, 240
RGB Percent	92%, 96%, 94%
CMY	0.0785, 0.0392, 0.0588
CMYK	0.04, 0.00, 0.02, 0.04
HSL	150°, 33%, 94%
HSV	150°, 4%, 96%
XYZ	82.6400, 89.2594, 95.3086
YIQ	241.4400, -4.3550, -3.6750

Conversions

Conversions Part 2

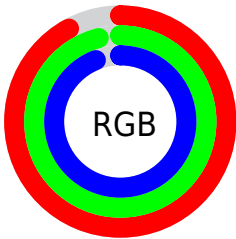
Format	Color
R _Y B	235, 242, 245
Decimal	15463920
CIE Lab	95.69, -4.19, 1.25
CIE LCh	96, 4.377, 163.411
Yxy	89.2594, 0.3093, 0.3340
Android (android.graphics.Color)	4293654000 (0xFFEBF5F0)
YUV	241.4400, -0.7099, -5.6479
Hunter-Lab	94.4772, -9.1996, 6.3223

Details

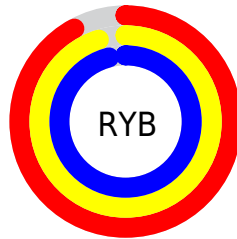
The YIQ color $241.4400, -4.3550, -3.6750$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $238.5600, 4.3550, 3.6750$, and the grayscale version is $241.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $185.4400, -4.3550, -3.6750$ is the 20% darker color. If you saturate the color by 10%, you get $232.5970, -15.4030, -12.7070$, and if you desaturate by 10%, it is $248.7880, 3.7130, 4.2970$.

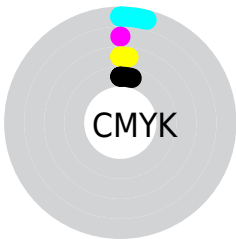
Distribution



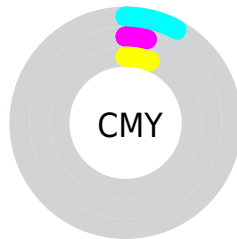
- Red (92%)
- Green (96%)
- Blue (94%)



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



- Cyan (4%)
- Magenta (0%)
- Yellow (2%)
- Black (4%)





- Cyan (8%)
- Magenta (4%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 241.4400, -4.3550, -3.6750 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 241.4400, -4.3550, -3.6750 by changing the saturation by 10% instead.


 241.4400, -4.3550,
-3.6750

 241.4400, -4.3550,
-3.6750


255.0000, -0.0000,
-0.0000


 213.4400, -4.3550,
-3.6750

 185.4400, -4.3550,
-3.6750

 158.4400, -4.3550,
-3.6750

 132.7390, -3.7590,
-3.4630

 107.1520, -3.4840,
-2.9400

 83.1520, -3.4840,
-2.9400

 60.1520, -3.4840,

-2.9400

■ 38.1520, -3.4840,
-2.9400

■ 17.4400, -4.3550,
-3.6750

■ 241.4400, -4.3550,
-3.6750

■ 241.4400, -4.3550,
-3.6750

■ 232.5970,
-15.4030, -12.7070

■ 248.7880, 3.7130,
4.2970

■ 223.9390,
-25.5340, -21.8380

■ 249.1300, 2.7500,
5.2300

■ 215.0960,
-36.5820, -30.8700

■ 206.5520,
-47.0340, -39.6900

■ 197.7090,
-58.0820, -48.7220

■ 189.0510,
-68.2130, -57.8530

■ 180.2080,
-79.2610, -66.8850

■ 171.6640,
-89.7130, -75.7050

■ 162.8210,
-100.7610, -84.7370

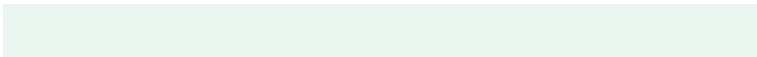
Harmonies

Analogous

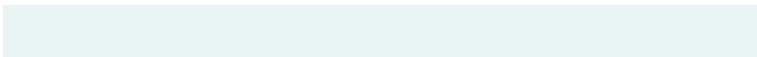
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



241.5930, -0.4120, -3.5480



241.4400, -4.3550, -3.6750



241.2980, -6.8310, -2.8550

Triad

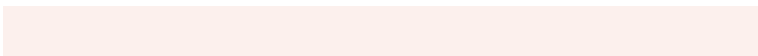
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



241.4400, -4.3550, -3.6750



242.7270, -3.4850, 2.5870



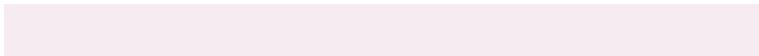
243.2460, 8.1150, 1.6110

Complementary

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



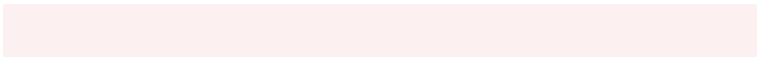
241.4400, -4.3550, -3.6750



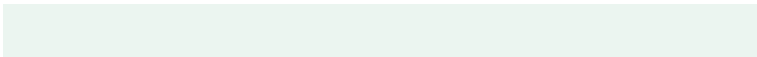
238.5600, 4.3550, 3.6750

Split Complementary

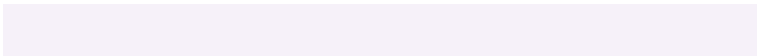
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



243.7020, 6.8310, 2.8550



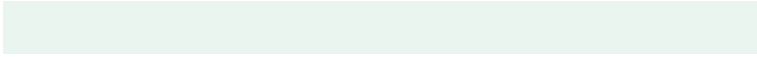
241.4400, -4.3550, -3.6750



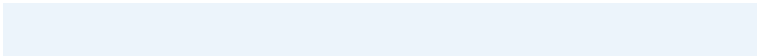
243.4070, 0.4120, 3.5480

Square

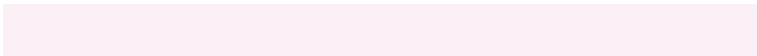
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



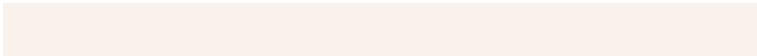
241.4400, -4.3550, -3.6750



242.4060, -7.0150, 0.4810



243.5600, 4.3550, 3.6750



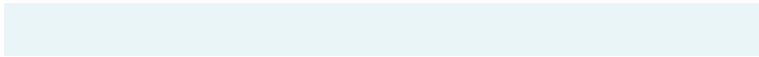
242.7080, 6.6940, -0.1700

Rectangle

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



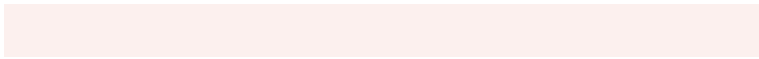
241.4400, -4.3550, -3.6750



241.6400, -7.7940, -1.9220



243.5600, 4.3550, 3.6750



243.3600, 7.7940, 1.9220

Sweetspot

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



241.4400, -4.3550, -3.6750



253.9890, -1.4670, -0.9470



242.3650, 0.2300, -4.1700



127.2880, -0.8710, -0.7350



0.0000, 0.0000, 0.0000



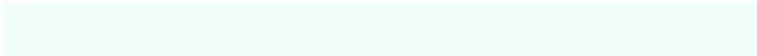
128.0000, -0.0000, -0.0000

Same Dimension

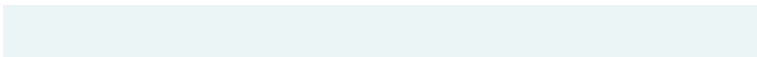
The Same Dimension uses a secret algorithm to generate beautiful new colors.



241.4400, -4.3550, -3.6750



250.4290, -5.8220, -4.6220



242.0100, -5.9600, -2.1200



119.5650, -3.2090, -2.4170



119.7840, -81.0030, -68.3550



37.9390, -25.5340, -21.8380

Inverse Universe

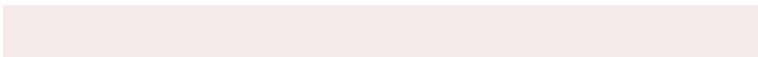
The Inverse Universe completely reimagines the original color for something new.



238.5600, 4.3550, 3.6750



246.6850, 5.5010, 4.9330



237.9900, 5.9600, 2.1200



117.5490, 2.8880, 2.7280



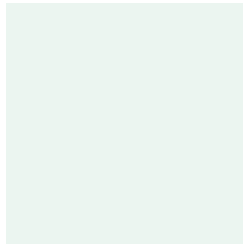
66.2160, 81.0030, 68.3550



20.9470, 25.8550, 21.5270

Previews

White Background



This preview shows how the YIQ color 241.4400, -4.3550, -3.6750 looks on a white background.

Color Contrast Check

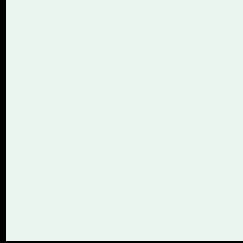
Large Text (above 18pt) WCAG AA × Fail

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 241.4400, -4.3550, -3.6750 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

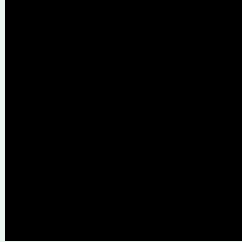
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

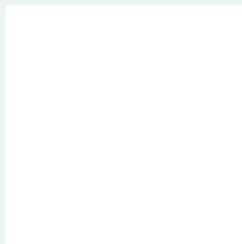
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 241.4400, -4.3550, -3.6750

Background



This preview shows how black text looks on a background with the YIQ color 241.4400, -4.3550, -3.6750.



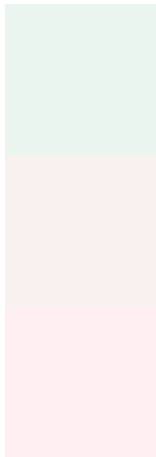
This preview shows how white text looks on a background with the YIQ color 241.4400, -4.3550, -3.6750.

-3.6750.

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

241.4400, -4.3550, -3.6750

Protanopia

242.7510, 5.1350, 0.5510

Deuteranopia

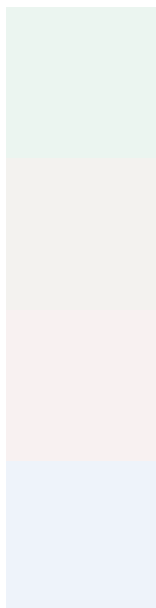
243.5390, 8.8480, 4.8480



Tritanopia

242.8840, -5.3650, 3.6190

Trichromacy



Original Color

241.4400, -4.3550, -3.6750

Protanomaly

241.9570, 1.5590, -0.7210

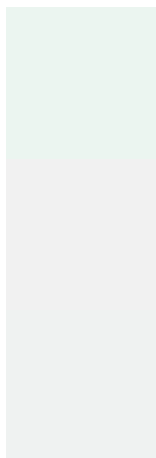
Deuteranomaly

243.0930, 4.1720, 1.4840

Tritanomaly

242.3030, -5.2270, 1.1170

Monochromacy



Original Color

241.4400, -4.3550, -3.6750

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 241.4400, -4.3550, -3.6750 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, 245, 240)` looks like.

```
.text, #text, p{  
    color:rgb(235, 245, 240)  
}
```

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, 245, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 245, 240) }
```

Border

The CSS property to change the border of an element to YIQ 241.4400, -4.3550, -3.6750 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, 245, 240) }
```


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

```
.border{ border-color:rgb(235, 245, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 245, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 245, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 245, 240);  
box-shadow:4px 4px 4px 4px rgb(235, 245,  
240) }
```

Background

The CSS property to change the background color of an element to YIQ 241.4400, -4.3550, -3.6750 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 245, 240) }
```

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

```
.background{ background-color: rgb(235,  
245, 240) }
```

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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