

Converting Colors

YIQ(249.7390, -3.7590, -3.4630)

Have a look what the booklet for
YIQ(249.7390, -3.7590, -3.4630)
contains.

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Color

**YIQ(249.7390, -3.7590,
-3.4630)**

Conversions

Conversions Part 1

Format	Color
Hex	F4FDF8
RGB	244, 253, 248
RGB Percent	96%, 99%, 97%
CMY	0.0432, 0.0078, 0.0275
CMYK	0.04, 0.00, 0.02, 0.01
HSL	147°, 69%, 97%
HSV	147°, 4%, 99%
XYZ	89.3754, 96.2621, 102.6745
YIQ	249.7390, -3.7590, -3.4630

Conversions

Conversions Part 2

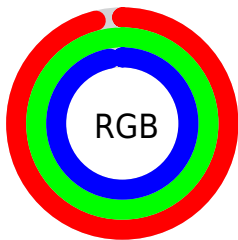
Format	Color
R _Y B	244, 250, 253
Decimal	16055800
CIE Lab	98.54, -3.84, 1.35
CIE LCh	99, 4.072, 160.604
Yxy	96.2621, 0.3100, 0.3339
Android (android.graphics.Color)	4294245880 (0xFF4FDF8)
YUV	249.7390, -0.8573, -5.0331
Hunter-Lab	98.1132, -9.0952, 6.6329

Details

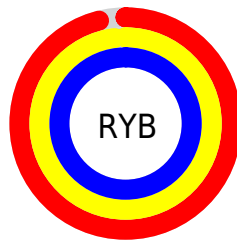
The YIQ color 249.7390, -3.7590, -3.4630 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 247.2610, 3.7590, 3.4630, and the grayscale version is 250.0000, 0.0000, 0.0000.

A 20% lighter version of the original color is 255.0000, -0.0000, -0.0000, and 193.1520, -3.4840, -2.9400 is the 20% darker color. If you saturate the color by 10%, you get 240.6680, -14.1650, -13.1170, and if you desaturate by 10%, it is 253.8260, 0.5500, 1.0460.

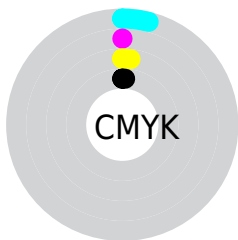
Distribution



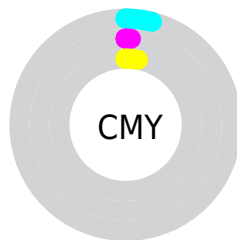
- Red (96%)
- Green (99%)
- Blue (97%)



- Red (96%)
- Yellow (98%)
- Blue (99%)



- Cyan (4%)
- Magenta (0%)
- Yellow (2%)
- Black (1%)



- Cyan (4%)
- Magenta (1%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 249.7390, -3.7590, -3.4630 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 249.7390, -3.7590, -3.4630 by changing the saturation by 10% instead.


 249.7390, -3.7590,
-3.4630


 249.7390, -3.7590,
-3.4630


255.0000, -0.0000,
-0.0000


 221.0380, -3.1630,
-3.2510

 193.1520, -3.4840,
-2.9400

 166.1520, -3.4840,
-2.9400

 140.0380, -3.1630,
-3.2510

 114.1520, -3.4840,
-2.9400

 90.0380, -3.1630,
-3.2510

 66.4510, -2.8880,

-2.7280

■ 44.4510, -2.8880,
-2.7280

■ 23.8640, -2.6130,
-2.2050

■ 249.7390, -3.7590,
-3.4630

■ 249.7390, -3.7590,
-3.4630

■ 240.6680,
-14.1650, -13.1170

253.8260, 0.5500,
1.0460

■ 231.2980,
-25.1670, -22.9830

■ 222.2270,
-35.5730, -32.6370

■ 213.1560,
-45.9790, -42.2910

■ 203.7860,
-56.9810, -52.1570

■ 194.7150,
-67.3870, -61.8110

■ 185.6440,
-77.7930, -71.4650

■ 176.4590,
-87.8780, -81.4300

■ 167.0890,
-98.8800, -91.2960

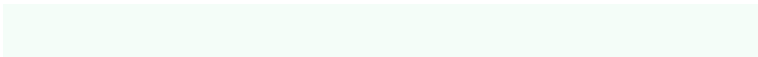
Harmonies

Analogous

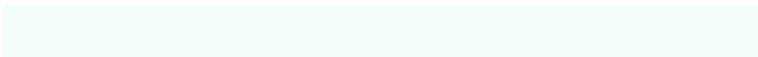
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



250.0060, -0.1370, -3.0250



249.7390, -3.7590, -3.4630



249.5970, -6.2350, -2.6430

Triad

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



249.7390, -3.7590, -3.4630



250.8580, -2.4760, 0.8200



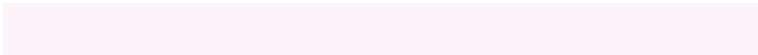
250.4520, 4.5390, 0.3390

Complementary

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



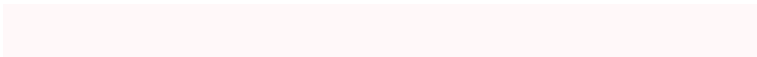
249.7390, -3.7590, -3.4630



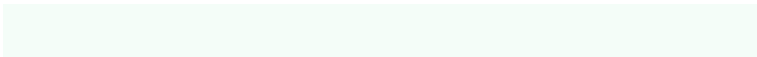
247.2610, 3.7590, 3.4630

Split Complementary

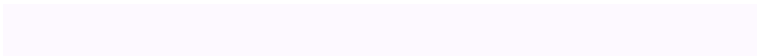
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



250.2070, 3.8510, 1.7950



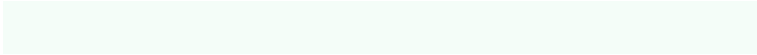
249.7390, -3.7590, -3.4630



250.8800, 0.4580, 2.7140

Square

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



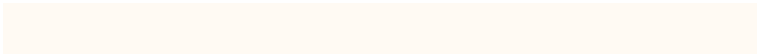
249.7390, -3.7590, -3.4630



249.9500, -5.7310, -0.7630



250.6630, 2.5670, 3.0390



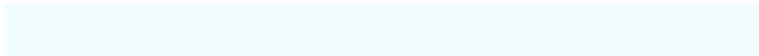
250.6970, 5.2270, -1.1170

Rectangle

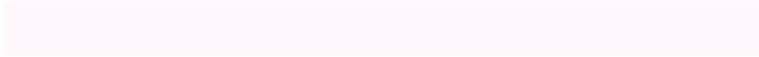
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



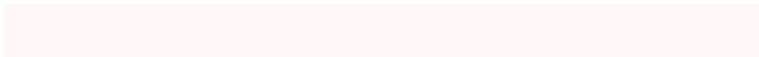
249.7390, -3.7590, -3.4630



249.6400, -7.7940, -1.9220



250.6630, 2.5670, 3.0390



249.9790, 4.4930, 1.1730

Sweetspot

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



249.7390, -3.7590, -3.4630



253.9890, -1.4670, -0.9470



250.7780, 0.5050, -3.6470



127.2880, -0.8710, -0.7350



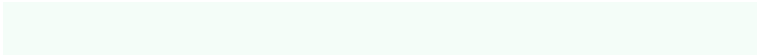
0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

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



249.7390, -3.7590, -3.4630



251.3260, -4.0340, -3.9860



250.1950, -5.0430, -2.2190



125.4510, -2.8880, -2.7280



121.8070, -79.8100, -73.4580



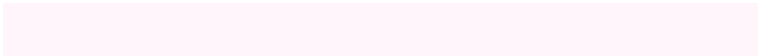
40.7600, -26.5880, -24.7640

Inverse Universe

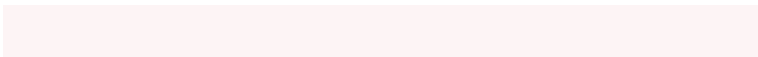
The Inverse Universe completely reimagines the original color for something new.



247.2610, 3.7590, 3.4630



248.5600, 4.3550, 3.6750



246.8050, 5.0430, 2.2190



123.5490, 2.8880, 2.7280



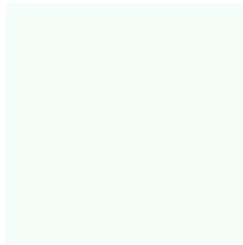
69.1930, 79.8100, 73.4580



23.1260, 26.9090, 24.4530

Previews

White Background



This preview shows how the YIQ color 249.7390, -3.7590, -3.4630 looks on a white background.

Color Contrast Check

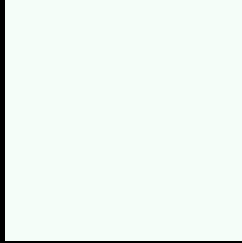
Large Text (above 18pt) WCAG AA × Fail

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 249.7390, -3.7590, -3.4630 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

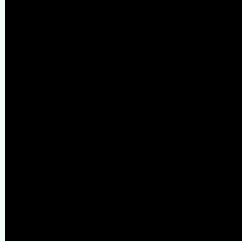
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 249.7390, -3.7590, -3.4630

Background



This preview shows how black text looks on a background with the YIQ color 249.7390, -3.7590, -3.4630.



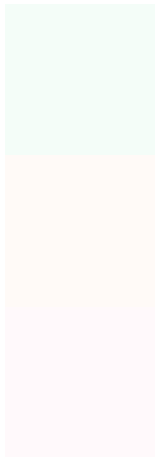
This preview shows how white text looks on a background with the YIQ color 249.7390, -3.7590, -3.4630.

-3.430.

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

249.7390, -3.7590, -3.4630

Protanopia

251.1530, 3.9430, 0.1270

Deuteranopia

251.0220, 2.9340, 1.8940

Tritanopia

250.5700, -1.6050, 1.5550

Trichromacy

Original Color

249.7390, -3.7590, -3.4630

Protanomaly

250.5440, 1.2840, -1.2440

Deuteranomaly

250.2990, 0.5960, 0.2120

Tritanomaly

250.2170, -2.1090, -0.3250

Monochromacy

Original Color

249.7390, -3.7590, -3.4630

Achromatopsia

250.0000, 0.0000, 0.0000

Achromatomaly

249.8750, -1.1460, -1.2580

CSS Examples

Text

The CSS property to change the color of the text to YIQ 249.7390, -3.7590, -3.4630 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(244, 253, 248)` looks like.

```
.text, #text, p{  
    color:rgb(244, 253, 248)  
}
```

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(244, 253, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 253, 248) }
```

Border

The CSS property to change the border of an element to YIQ 249.7390, -3.7590, -3.4630 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(244, 253, 248) }
```


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

```
.border{ border-color:rgb(244, 253, 248) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 253, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 253, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 253, 248);  
box-shadow:4px 4px 4px 4px rgb(244, 253,  
248) }
```

Background

The CSS property to change the background color of an element to YIQ 249.7390, -3.7590, -3.4630 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 253, 248) }
```

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

```
.background{ background-color: rgb(244,  
253, 248) }
```

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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