

# Converting Colors

YIQ(249.5540, -4.6760, -3.3640)

Have a look what the booklet for  
YIQ(249.5540, -4.6760, -3.3640)  
contains.

<b>YIQ(249.5540, -4.6760, -3.3640)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**YIQ(249.5540, -4.6760,  
-3.3640)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F3FDF9
RGB	243, 253, 249
RGB Percent	95%, 99%, 98%
CMY	0.0471, 0.0078, 0.0235
CMYK	0.04, 0.00, 0.02, 0.01
HSL	156°, 71%, 97%
HSV	156°, 4%, 99%
XYZ	89.1847, 96.1460, 103.4768
YIQ	249.5540, -4.6760, -3.3640

# Conversions

## Conversions Part 2

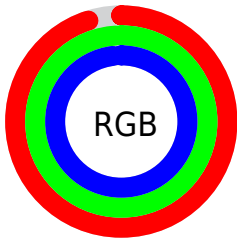
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	243, 249, 253
Decimal	15990265
CIE Lab	98.49, -3.99, 0.76
CIE LCh	98, 4.063, 169.171
Yxy	96.1460, 0.3088, 0.3329
Android (android.graphics.Color)	4294180345 (0xFF3FDF9)
YUV	249.5540, -0.2731, -5.7479
Hunter-Lab	98.0541, -9.2406, 6.0689

# Details

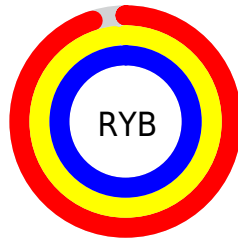
The YIQ color 249.5540, -4.6760, -3.3640 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 246.4460, 4.6760, 3.3640, and the grayscale version is 250.0000, 0.0000, 0.0000.

A 20% lighter version of the original color is 255.0000, -0.0000, -0.0000, and 192.9670, -4.4010, -2.8410 is the 20% darker color. If you saturate the color by 10%, you get 240.9390, -16.3660, -11.7740, and if you desaturate by 10%, it is 253.8260, 0.5500, 1.0460.

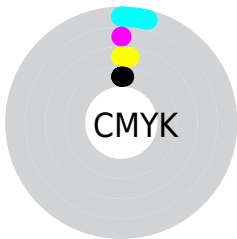
# Distribution



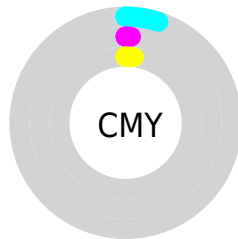
- Red (95%)
- Green (99%)
- Blue (98%)



- Red (95%)
- Yellow (98%)
- Blue (99%)



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



- Cyan (5%)
- Magenta (1%)
- Yellow (2%)

# Brightness & Saturation Gradients

These gradients show how the YIQ color 249.5540, -4.6760, -3.3640 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 249.5540, -4.6760, -3.3640 by changing the saturation by 10% instead.



 249.5540, -4.6760,  
-3.3640

 249.5540, -4.6760,  
-3.3640

255.0000, -0.0000,  
-0.0000


 220.8530, -4.0800,  
-3.1520

 192.9670, -4.4010,  
-2.8410

 165.8530, -4.0800,  
-3.1520

 139.8530, -4.0800,  
-3.1520

 113.9670, -4.4010,  
-2.8410

 89.8530, -4.0800,  
-3.1520

 66.2660, -3.8050,

-2.6290

■ 44.2660, -3.8050,  
-2.6290

■ 23.5650, -3.2090,  
-2.4170

■ 249.5540, -4.6760,  
-3.3640

■ 249.5540, -4.6760,  
-3.3640

■ 240.9390,  
-16.3660, -11.7740

253.8260, 0.5500,  
1.0460

■ 232.0250,  
-28.6520, -20.3960

■ 223.4100,  
-40.3420, -28.8060

■ 214.6810,  
-51.7110, -37.5270

■ 205.7670,  
-63.9970, -46.1490

■ 197.1520,  
-75.6870, -54.5590

■ 188.5370,  
-87.3770, -62.9690

■ 179.9220,  
-99.0670, -71.3790

■ 171.0080,  
-111.3530, -80.0010

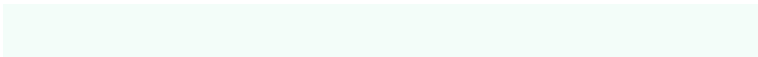
# Harmonies

## Analogous

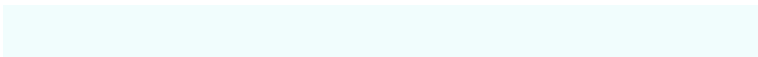
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



249.7070, -0.7330, -3.2370



249.5540, -4.6760, -3.3640



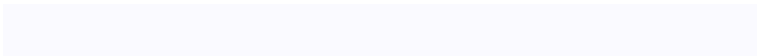
249.4120, -7.1520, -2.5440

# Triad

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



249.5540, -4.6760, -3.3640



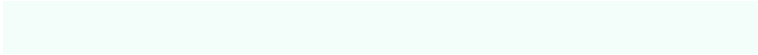
250.5700, -1.6050, 1.5550



250.3380, 4.8600, 0.0280

# Complementary

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



249.5540, -4.6760, -3.3640



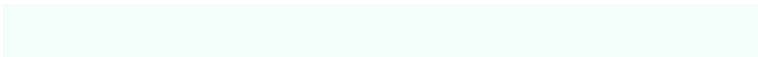
246.4460, 4.6760, 3.3640

# 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.



250.0930, 4.1720, 1.4840



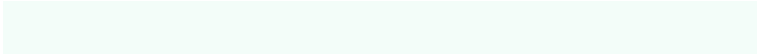
249.5540, -4.6760, -3.3640



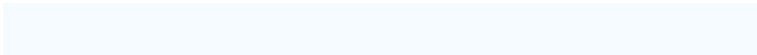
251.4780, 1.6500, 3.1380

# Square

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



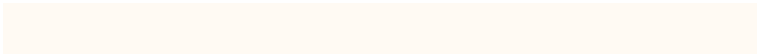
249.5540, -4.6760, -3.3640



249.6620, -4.8600, -0.0280



250.5490, 2.8880, 2.7280

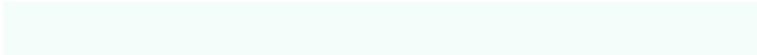


250.6970, 5.2270, -1.1170



# Rectangle

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



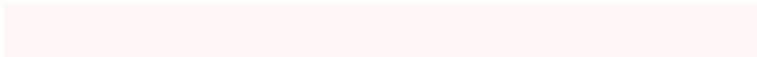
249.5540, -4.6760, -3.3640



249.9390, -7.1980, -1.7100



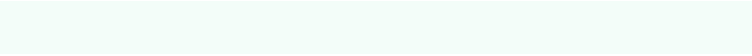
250.5490, 2.8880, 2.7280



249.8650, 4.8140, 0.8620

# Sweetspot

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



249.5540, -4.6760, -3.3640



253.9890, -1.4670, -0.9470



250.0660, -0.3660, -4.3820



127.2880, -0.8710, -0.7350



0.0000, 0.0000, 0.0000

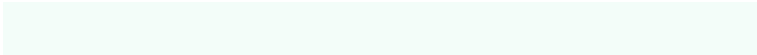


128.0000, -0.0000, -0.0000

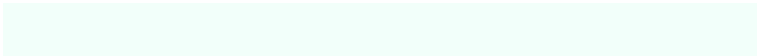


# Same Dimension

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



249.5540, -4.6760, -3.3640



250.5430, -6.1430, -4.3110



249.4230, -5.6850, -1.5970



125.1520, -3.4840, -2.9400



125.2270, -89.4400, -64.1280

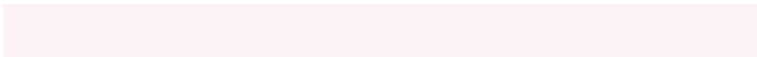


41.9000, -29.7980, -21.6540



# Inverse Universe

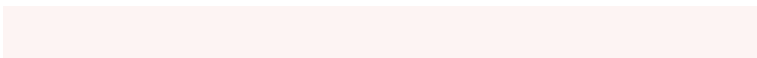
The Inverse Universe completely reimagines the original color for something new.



246.4460, 4.6760, 3.3640



246.4570, 6.1430, 4.3110



246.5770, 5.6850, 1.5970



122.7340, 3.8050, 2.6290



65.8870, 89.1190, 64.4390

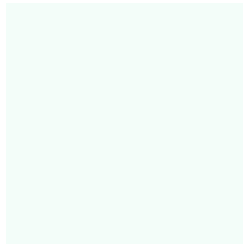


22.1000, 29.7980, 21.6540



# Previews

## White Background



This preview shows how the YIQ color 249.5540, -4.6760, -3.3640 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

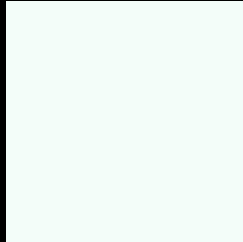
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YIQ color 249.5540, -4.6760, -3.3640 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

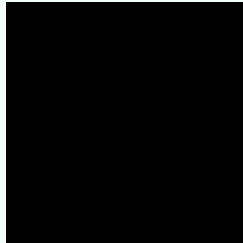
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**YIQ 249.5540, -4.6760, -3.3640**

## **Background**



This preview shows how black text looks on a background with the YIQ color 249.5540, -4.6760, -3.3640.



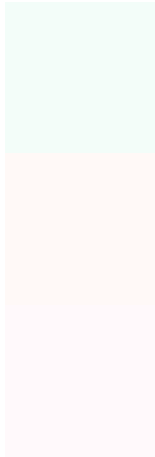
This preview shows how white text looks on a background with the YIQ color 249.5540, -4.6760, -3.3640.

-3.340.

# 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**

249.5540, -4.6760, -3.3640

**Protanopia**

250.5660, 4.2180, 0.6500

**Deuteranopia**

251.0220, 2.9340, 1.8940

## **Tritanopia**

250.5700, -1.6050, 1.5550

# Trichromacy



**Original Color**

249.5540, -4.6760, -3.3640

**Protanomaly**

250.0710, 1.2380, -0.4100

**Deuteranomaly**

250.2990, 0.5960, 0.2120

**Tritanomaly**

250.0320, -3.0260, -0.2260

# Monochromacy



**Original Color**

249.5540, -4.6760, -3.3640

**Achromatopsia**

250.0000, 0.0000, 0.0000

**Achromatomaly**

249.6900, -2.0630, -1.1590

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 249.5540, -4.6760, -3.3640 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(243, 253, 249)` looks like.

```
.text, #text, p{  
    color:rgb(243, 253, 249)  
}
```

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(243, 253, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 253, 249) }
```

## Border

The CSS property to change the border of an element to YIQ 249.5540, -4.6760, -3.3640 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(243, 253, 249) }
```



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

```
.border{ border-color:rgb(243, 253, 249) }
```

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

Here you see how a box with a 4 pixel rgb(243, 253, 249) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 253, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 253, 249);  
box-shadow:4px 4px 4px 4px rgb(243, 253,  
249) }
```

# Background

The CSS property to change the background color of an element to YIQ 249.5540, -4.6760, -3.3640 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 253, 249) }
```

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

```
.background{ background-color: rgb(243,  
253, 249) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor