

Converting Colors

YIQ(245.8540, 3.3470, -0.0850)

Have a look what the booklet for
YIQ(245.8540, 3.3470, -0.0850)
contains.

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Color

**YIQ(245.8540, 3.3470,
-0.0850)**

Conversions

Conversions Part 1

Format	Color
Hex	F9F5F2
RGB	249, 245, 242
RGB Percent	98%, 96%, 95%
CMY	0.0235, 0.0392, 0.0510
CMYK	0.00, 0.02, 0.03, 0.02
HSL	26°, 37%, 96%
HSV	26°, 3%, 98%
XYZ	87.7471, 91.8549, 97.1125
YIQ	245.8540, 3.3470, -0.0850

Conversions

Conversions Part 2

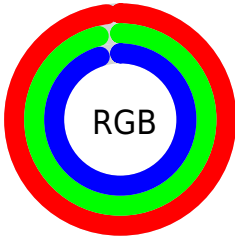
Format	Color
RYB	249, 247, 242
Decimal	16381426
CIELab	96.76, 0.82, 1.90
CIElCh	97, 2.068, 66.683
Yxy	91.8549, 0.3171, 0.3319
Android (android.graphics.Color)	4294571506 (0xFFFF9F5F2)
YUV	245.8540, -1.9000, 2.7590
Hunter-Lab	95.8410, -4.2962, 7.0121

Details

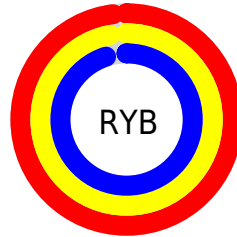
The YIQ color $245.8540, 3.3470, -0.0850$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $245.1460, -3.3470, 0.0850$, and the grayscale version is $246.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $189.8540, 3.3470, -0.0850$ is the 20% darker color. If you saturate the color by 10%, you get $234.7860, 15.2220, -0.5380$, and if you desaturate by 10%, it is $253.2060, -3.5760, -1.2720$.

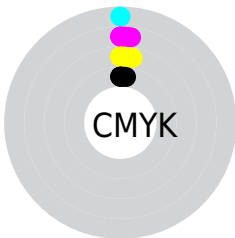
Distribution



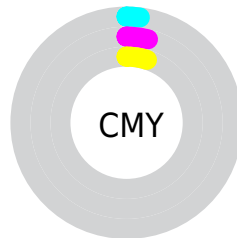
- Red (98%)
- Green (96%)
- Blue (95%)



- Red (98%)
- Yellow (97%)
- Blue (95%)



- Cyan (0%)
- Magenta (2%)
- Yellow (3%)
- Black (2%)



- Cyan (2%)
- Magenta (4%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 245.8540, 3.3470, -0.0850 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 245.8540, 3.3470, -0.0850 by changing the saturation by 10% instead.

245.8540, 3.3470,
-0.0850

245.8540, 3.3470,
-0.0850

255.0000, -0.0000,
-0.0000

217.5550, 2.7510,
-0.2970

189.8540, 3.3470,
-0.0850

162.5550, 2.7510,
-0.2970

136.5550, 2.7510,
-0.2970

110.9680, 3.0260,
0.2260

86.5550, 2.7510,
-0.2970

63.5550, 2.7510,

-0.2970

■ 41.6690, 2.4300,
0.0140

■ 20.6690, 2.4300,
0.0140

■ 245.8540, 3.3470,
-0.0850

■ 245.8540, 3.3470,
-0.0850

■ 234.7860, 15.2220,
-0.5380

■ 253.2060, -3.5760,
-1.2720

■ 223.7180, 27.0970,
-0.9910

■ 212.0630, 39.2470,
-0.9210

■ 200.9950, 51.1220,
-1.3740

■ 190.0410, 62.6760,
-1.5160

■ 178.9730, 74.5510,
-1.9690

■ 167.3180, 86.7010,
-1.8990

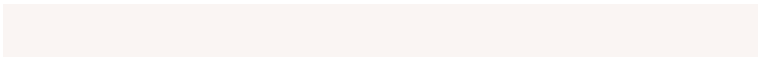
■ 156.2500, 98.5760,
-2.3520

■ 145.1820,
110.4510, -2.8050

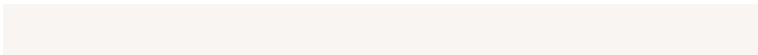
Harmonies

Analogous

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



246.2670, 3.6220, 0.4380



245.8540, 3.3470, -0.0850



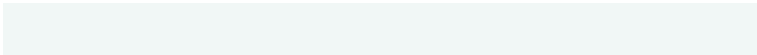
245.8430, 1.8800, -1.0320

Triad

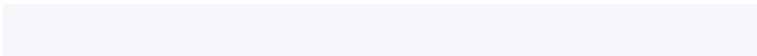
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



245.8540, 3.3470, -0.0850



245.0920, -3.2550, -1.5830



246.0540, -0.0920, 1.6680

Complementary

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



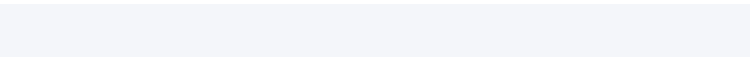
245.8540, 3.3470, -0.0850



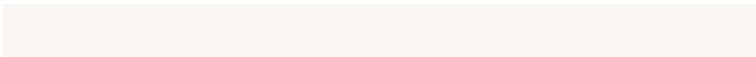
245.1460, -3.3470, 0.0850

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.



245.8580, -2.4760, 0.8200



245.8540, 3.3470, -0.0850



245.3200, -3.8970, -0.9610

Square

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



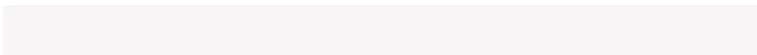
245.8540, 3.3470, -0.0850



245.1630, -2.0170, -1.9930



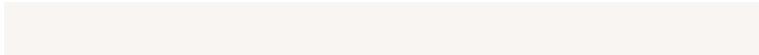
245.1460, -3.3470, 0.0850



246.4240, 1.7420, 1.4700

Rectangle

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



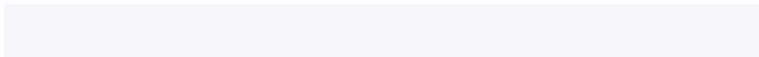
245.8540, 3.3470, -0.0850



245.2450, 0.6880, -1.4560



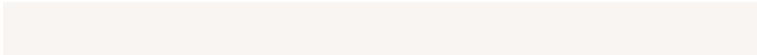
245.1460, -3.3470, 0.0850



245.7550, -0.6880, 1.4560

Sweetspot

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



245.8540, 3.3470, -0.0850



254.0710, 1.2380, -0.4100



244.5490, 2.8880, 2.7280



127.1850, 0.9170, -0.0990



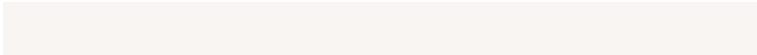
0.0000, 0.0000, 0.0000



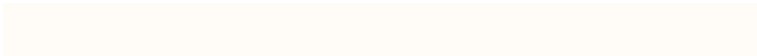
128.0000, -0.0000, -0.0000

Same Dimension

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



245.8540, 3.3470, -0.0850



251.7400, 3.6680, -0.3960



247.6150, 2.5220, -1.6540



122.6690, 2.4300, 0.0140



104.0580, 90.3690, -2.2950



33.5010, 29.2060, -0.6660

Inverse Universe

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



245.1460, -3.3470, 0.0850



250.8470, -3.9430, -0.1270



243.3850, -2.5220, 1.6540



122.3310, -2.4300, -0.0140



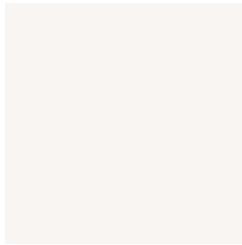
84.9420, -90.3690, 2.2950



27.4990, -29.2060, 0.6660

Previews

White Background



This preview shows how the YIQ color 245.8540, 3.3470, -0.0850 looks on a white background.

Color Contrast Check

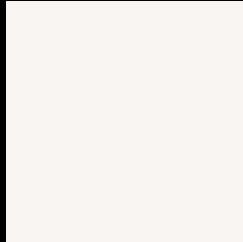
Large Text (above 18pt) WCAG AA × Fail

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 245.8540, 3.3470, -0.0850 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

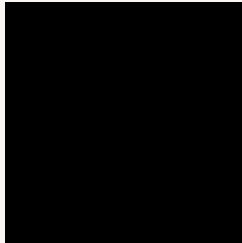
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

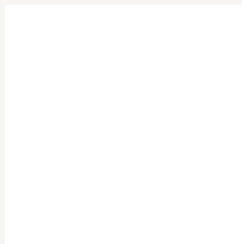
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 245.8540, 3.3470, -0.0850

Background



This preview shows how black text looks on a background with the YIQ color 245.8540, 3.3470, -0.0850.



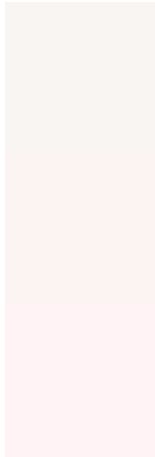
This preview shows how white text looks on a background with the YIQ color 245.8540, 3.3470, -0.0850.

-0.0350.

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

245.8540, 3.3470, -0.0850

Protanopia

245.8650, 4.8140, 0.8620

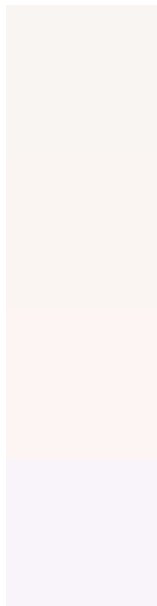
Deuteranopia

246.8160, 6.5100, 3.1660

Tritanopia

246.7490, -0.5510, 4.4810

Trichromacy



Original Color

245.8540, 3.3470, -0.0850

Protanomaly

245.5660, 4.2180, 0.6500

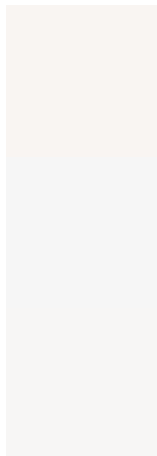
Deuteranomaly

246.6910, 5.3640, 1.9080

Tritanomaly

246.1790, 1.0540, 2.9260

Monochromacy



Original Color

245.8540, 3.3470, -0.0850

Achromatopsia

246.0000, -0.0000, -0.0000

Achromatomaly

246.1850, 0.9170, -0.0990

CSS Examples

Text

The CSS property to change the color of the text to YIQ 245.8540, 3.3470, -0.0850 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(249, 245, 242)` looks like.

```
.text, #text, p{  
    color:rgb(249, 245, 242)  
}
```

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(249, 245, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 245, 242) }
```

Border

The CSS property to change the border of an element to YIQ 245.8540, 3.3470, -0.0850 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(249, 245, 242) }
```


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

```
.border{ border-color:rgb(249, 245, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 245, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 245, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 245, 242);  
box-shadow:4px 4px 4px 4px rgb(249, 245,  
242) }
```

Background

The CSS property to change the background color of an element to YIQ 245.8540, 3.3470, -0.0850 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 245, 242) }
```

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

```
.background{ background-color: rgb(249,  
245, 242) }
```

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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