

Converting Colors

YIQ(248.8650, 4.8140, 0.8620)

Have a look what the booklet for
YIQ(248.8650, 4.8140, 0.8620)
contains.

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Color

**YIQ(248.8650, 4.8140,
0.8620)**

Conversions

Conversions Part 1

Format	Color
Hex	FEF7F5
RGB	254, 247, 245
RGB Percent	100%, 97%, 96%
CMY	0.0039, 0.0314, 0.0392
CMYK	0.00, 0.03, 0.04, 0.00
HSL	13°, 82%, 98%
HSV	13°, 4%, 100%
XYZ	90.6166, 94.1842, 99.7938
YIQ	248.8650, 4.8140, 0.8620

Conversions

Conversions Part 2

Format	Color
R_{YB}	254, 248, 245
Decimal	16709621
CIE _{Lab}	97.71, 1.99, 1.77
CIE _{LCh}	98, 2.668, 41.631
Yxy	94.1842, 0.3184, 0.3309
Android (android.graphics.Color)	4294899701 (0xFFFEF7F5)
YUV	248.8650, -1.9054, 4.5034
Hunter-Lab	97.0485, -3.1651, 6.9668

Details

The YIQ color 248.8650, 4.8140, 0.8620 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 250.1350, -4.8140, -0.8620, and the grayscale version is 249.0000, -0.0000, -0.0000.

A 20% lighter version of the original color is 255.0000, -0.0000, -0.0000, and 192.5660, 4.2180, 0.6500 is the 20% darker color. If you saturate the color by 10%, you get 234.2750, 18.3390, 3.5470, and if you desaturate by 10%, it is 254.7010, -0.5960, -0.2120.

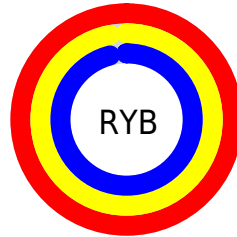
Distribution



Red (100%)

Green (97%)

Blue (96%)



Red (100%)

Yellow (97%)

Blue (96%)



Cyan (0%)

Magenta (3%)

Yellow (4%)

Black (0%)



Cyan (0%)

Magenta (3%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 248.8650, 4.8140, 0.8620 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 248.8650, 4.8140, 0.8620 by changing the saturation by 10% instead.


 248.8650, 4.8140,
0.8620

 248.8650, 4.8140,
0.8620

255.0000, -0.0000,
-0.0000


 220.5660, 4.2180,
0.6500

 192.5660, 4.2180,
0.6500

 165.5660, 4.2180,
0.6500

 138.9790, 4.4930,
1.1730

 113.5660, 4.2180,
0.6500

 89.2670, 3.6220,
0.4380

 65.6800, 3.8970,

0.9610

■ 43.3810, 3.3010,
0.7490

■ 23.3810, 3.3010,
0.7490

■ 248.8650, 4.8140,
0.8620

■ 248.8650, 4.8140,
0.8620

■ 234.2750, 18.3390,
3.5470

254.7010, -0.5960,
-0.2120

■ 219.5710, 32.1850,
5.9210

■ 205.5680, 45.4350,
8.0830

■ 190.8640, 59.2810,
10.4570

■ 176.2740, 72.8060,
13.1420

■ 161.6840, 86.3310,
15.8270

■ 147.5670, 99.9020,
17.6780

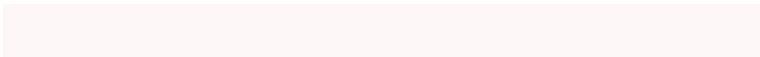
■ 132.9770,
113.4270, 20.3630

■ 118.2730,
127.2730, 22.7370

Harmonies

Analogous

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



249.0930, 4.1720, 1.4840



248.8650, 4.8140, 0.8620



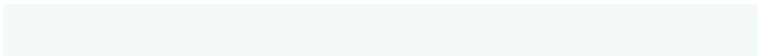
248.7400, 3.6680, -0.3960

Triad

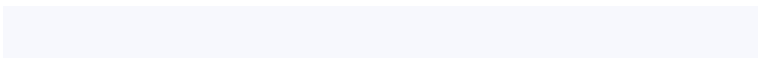
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



248.8650, 4.8140, 0.8620



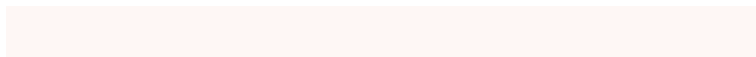
247.8640, -2.6130, -2.2050



248.2710, -2.2010, 1.3430

Complementary

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



248.8650, 4.8140, 0.8620



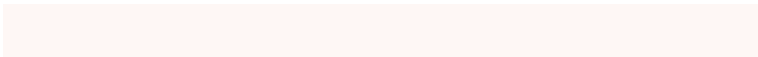
250.1350, -4.8140, -0.8620

Split Complementary

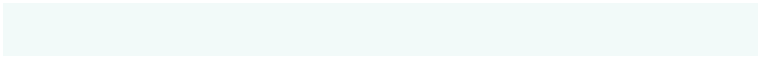
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



247.9610, -4.2640, 0.1840



248.8650, 4.8140, 0.8620



247.4940, -4.4470, -2.0070

Square

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



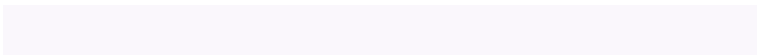
248.8650, 4.8140, 0.8620



247.8320, 0.4130, -1.9790



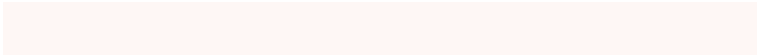
248.1350, -4.8140, -0.8620



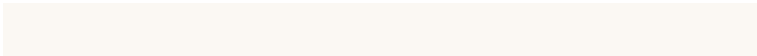
248.4670, 0.1830, 2.1910

Rectangle

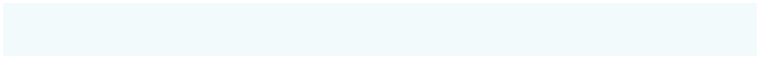
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



248.8650, 4.8140, 0.8620



248.3270, 3.3930, -0.9190



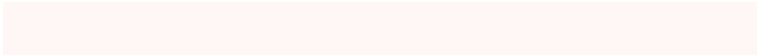
248.1350, -4.8140, -0.8620



248.5590, -3.0720, 0.6080

Sweetspot

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



248.8650, 4.8140, 0.8620



253.4840, 1.5130, 0.1130



248.4890, 3.1170, 4.0850



127.1850, 0.9170, -0.0990



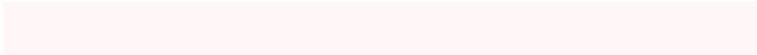
0.0000, 0.0000, 0.0000



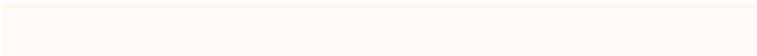
128.0000, -0.0000, -0.0000

Same Dimension

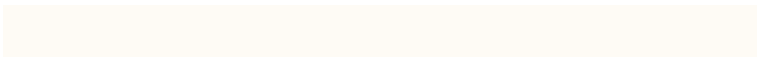
The Same Dimension uses a secret algorithm to generate beautiful new colors.



248.8650, 4.8140, 0.8620



249.1640, 5.4100, 1.0740



251.2130, 3.7140, -1.2300



124.2670, 3.6220, 0.4380



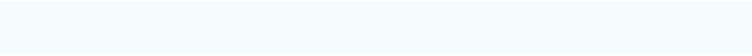
81.7630, 102.2860, 18.5260



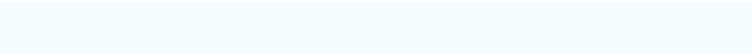
27.3540, 34.2940, 6.2460

Inverse Universe

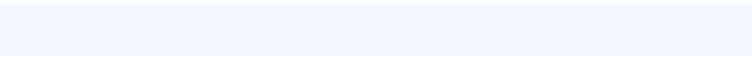
The Inverse Universe completely reimagines the original color for something new.



250.1350, -4.8140, -0.8620



250.8360, -5.4100, -1.0740



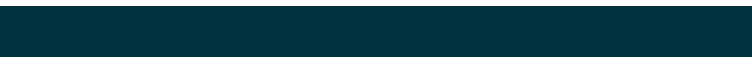
247.7870, -3.7140, 1.2300



124.7330, -3.6220, -0.4380



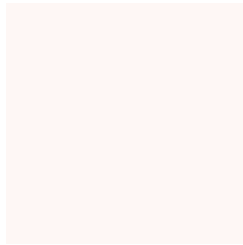
109.2370, -102.2860, -18.5260



36.6460, -34.2940, -6.2460

Previews

White Background



This preview shows how the YIQ color 248.8650, 4.8140, 0.8620 looks on a white background.

Color Contrast Check

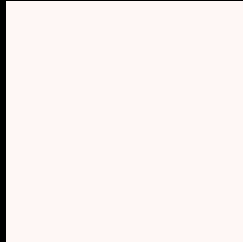
Large Text (above 18pt) WCAG AA × Fail

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 248.8650, 4.8140, 0.8620 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

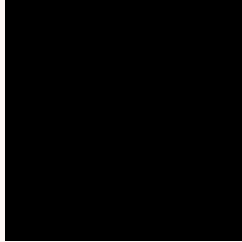
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

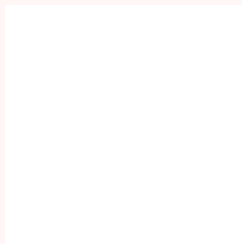
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 248.8650, 4.8140, 0.8620

Background



This preview shows how black text looks on a background with the YIQ color 248.8650, 4.8140, 0.8620.



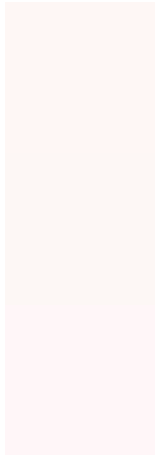
This preview shows how white text looks on a background with the YIQ color 248.8650, 4.8140,

0.8620.

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

248.8650, 4.8140, 0.8620

Protanopia

248.5660, 4.2180, 0.6500

Deuteranopia

248.9190, 4.7220, 2.5300

Tritanopia

249.4070, 0.4120, 3.5480

Trichromacy



Original Color

248.8650, 4.8140, 0.8620

Protanomaly

248.5660, 4.2180, 0.6500

Deuteranomaly

248.8050, 5.0430, 2.2190

Tritanomaly

249.2500, 2.2920, 2.5160

Monochromacy



Original Color

248.8650, 4.8140, 0.8620

Achromatopsia

249.0000, -0.0000, -0.0000

Achromatomaly

248.8970, 1.7880, 0.6360

CSS Examples

Text

The CSS property to change the color of the text to YIQ 248.8650, 4.8140, 0.8620 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(254, 247, 245)` looks like.

```
.text, #text, p{  
    color:rgb(254, 247, 245)  
}
```

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(254, 247, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 247, 245) }
```

Border

The CSS property to change the border of an element to YIQ 248.8650, 4.8140, 0.8620 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(254, 247, 245) }
```


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

```
.border{ border-color:rgb(254, 247, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 247, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 247, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 247, 245);  
box-shadow:4px 4px 4px 4px rgb(254, 247,  
245) }
```

Background

The CSS property to change the background color of an element to YIQ 248.8650, 4.8140, 0.8620 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 247, 245) }
```

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

```
.background{ background-color: rgb(254,  
247, 245) }
```

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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