

Converting Colors

YIQ(244.5830, 5.5480, -1.4280)

Have a look what the booklet for
YIQ(244.5830, 5.5480, -1.4280)
contains.

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Color

**YIQ(244.5830, 5.5480,
-1.4280)**

Conversions

Conversions Part 1

Format	Color
Hex	F9F4EC
RGB	249, 244, 236
RGB Percent	98%, 96%, 93%
CMY	0.0235, 0.0431, 0.0745
CMYK	0.00, 0.02, 0.05, 0.02
HSL	37°, 52%, 95%
HSV	37°, 5%, 98%
XYZ	86.5590, 90.8967, 92.3450
YIQ	244.5830, 5.5480, -1.4280

Conversions

Conversions Part 2

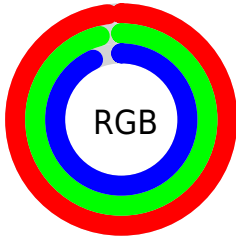
Format	Color
RYB	244, 249, 236
Decimal	16381164
CIELab	96.37, 0.31, 4.42
CIELCh	96, 4.434, 86.030
Yxy	90.8967, 0.3208, 0.3369
Android (android.graphics.Color)	4294571244 (0xFFFF9F4EC)
YUV	244.5830, -4.2314, 3.8737
Hunter-Lab	95.3398, -4.7844, 9.3102

Details

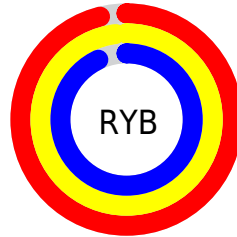
The YIQ color $244.5830, 5.5480, -1.4280$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $240.4170, -5.5480, 1.4280$, and the grayscale version is $245.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $188.5830, 5.5480, -1.4280$ is the 20% darker color. If you saturate the color by 10%, you get $235.8630, 16.3230, -3.9730$, and if you desaturate by 10%, it is $252.6190, -3.3010, -0.7490$.

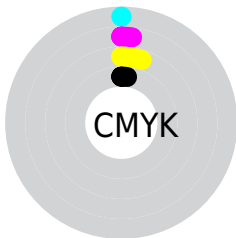
Distribution



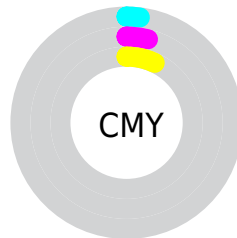
- Red (98%)
- Green (96%)
- Blue (93%)



- Red (96%)
- Yellow (98%)
- Blue (93%)



- Cyan (0%)
- Magenta (2%)
- Yellow (5%)
- Black (2%)



- Cyan (2%)
- Magenta (4%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 244.5830, 5.5480, -1.4280 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 244.5830, 5.5480, -1.4280 by changing the saturation by 10% instead.

244.5830, 5.5480,
-1.4280

244.5830, 5.5480,
-1.4280

255.0000, -0.0000,
-0.0000

216.2840, 4.9520,
-1.6400

188.5830, 5.5480,
-1.4280

161.2840, 4.9520,
-1.6400

135.3980, 4.6310,
-1.3290

109.6970, 5.2270,
-1.1170

85.5120, 4.3100,
-1.0180

62.5120, 4.3100,

-1.0180

■ 40.5120, 4.3100,
-1.0180

■ 19.9850, 4.3560,
-1.8520

■ 244.5830, 5.5480,
-1.4280

■ 244.5830, 5.5480,
-1.4280

■ 235.8630, 16.3230,
-3.9730

■ 252.6190, -3.3010,
-0.7490

■ 227.7300, 26.8230,
-7.0410

■ 253.2060, -3.5760,
-1.2720

■ 219.0100, 37.5980,
-9.5860

■ 210.8770, 48.0980,
-12.6540

■ 202.2710, 58.5520,
-14.8880

■ 194.1380, 69.0520,
-17.9560

■ 185.4180, 79.8270,
-20.5010

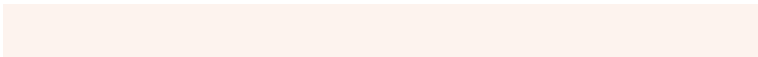
■ 176.6980, 90.6020,
-23.0460

■ 168.5650,
101.1020, -26.1140

Harmonies

Analogous

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



245.4200, 7.5650, 0.5650



244.5830, 5.5480, -1.4280



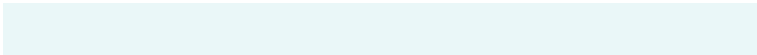
243.7890, 1.9720, -2.7000

Triad

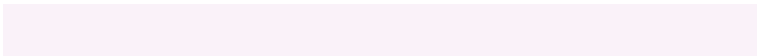
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



244.5830, 5.5480, -1.4280



243.2270, -8.0690, -2.4450



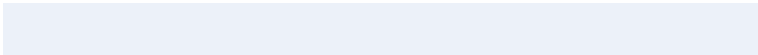
245.1900, 2.5210, 3.8730

Complementary

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



244.5830, 5.5480, -1.4280



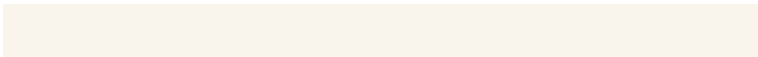
240.4170, -5.5480, 1.4280

Split Complementary

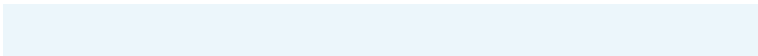
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



245.2110, -1.9720, 2.7000



244.5830, 5.5480, -1.4280



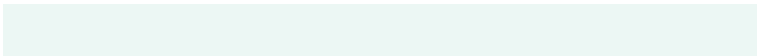
243.5800, -7.5650, -0.5650

Square

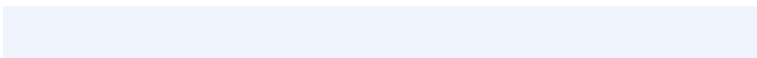
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



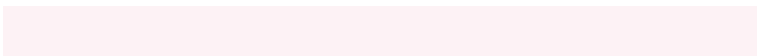
244.5830, 5.5480, -1.4280



243.3690, -5.5930, -3.2650



244.4170, -5.5480, 1.4280



245.6310, 5.5930, 3.2650

Rectangle

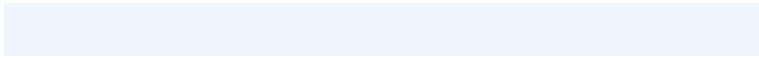
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



244.5830, 5.5480, -1.4280



243.5930, -0.4120, -3.5480



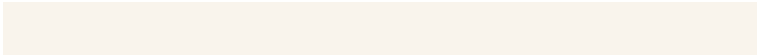
244.4170, -5.5480, 1.4280



245.4070, 0.4120, 3.5480

Sweetspot

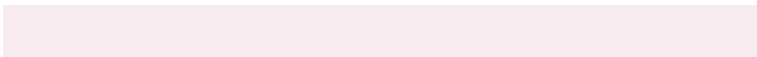
The Sweet Spot groups the original color and five complimentary colors.



244.5830, 5.5480, -1.4280



253.2560, 2.1550, -0.5090



240.4570, 6.1430, 4.3110



127.0710, 1.2380, -0.4100



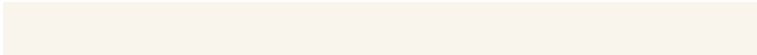
0.0000, 0.0000, 0.0000



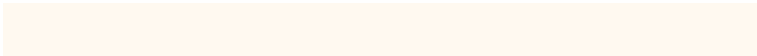
128.0000, -0.0000, -0.0000

Same Dimension

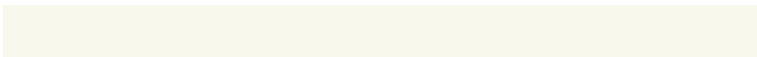
The Same Dimension uses a secret algorithm to generate beautiful new colors.



244.5830, 5.5480, -1.4280



249.7680, 6.4650, -1.5270



247.2190, 3.5770, -4.2550



122.2130, 3.7140, -1.2300



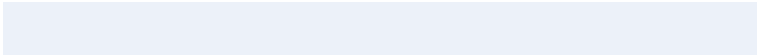
124.6030, 80.7440, -20.6000



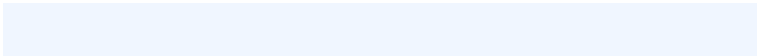
40.5450, 25.9060, -6.9420

Inverse Universe

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



240.4170, -5.5480, 1.4280



245.2320, -6.4650, 1.5270



237.7810, -3.5770, 4.2550



119.3740, -3.9890, 0.7070



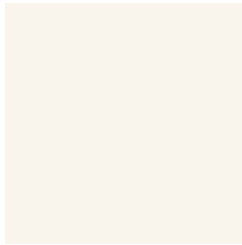
64.3970, -80.7440, 20.6000



21.0420, -26.1810, 6.4190

Previews

White Background



This preview shows how the YIQ color 244.5830, 5.5480, -1.4280 looks on a white background.

Color Contrast Check

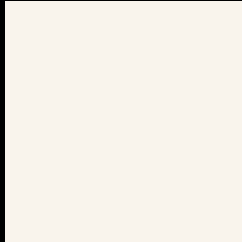
Large Text (above 18pt) WCAG AA × Fail

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 244.5830, 5.5480, -1.4280 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

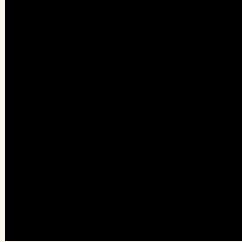
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

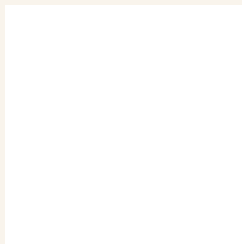
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 244.5830, 5.5480, -1.4280

Background



This preview shows how black text looks on a background with the YIQ color 244.5830, 5.5480, -1.4280.



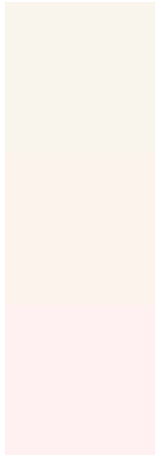
This preview shows how white text looks on a background with the YIQ color 244.5830, 5.5480,

-1.4380.

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

244.5830, 5.5480, -1.4280

Protanopia

244.5940, 7.0150, -0.4810

Deuteranopia

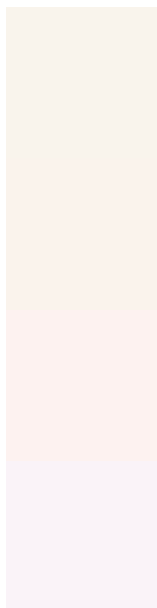
245.3000, 8.0230, 3.2790



Tritanopia

245.8740, 0.5950, 5.7390

Trichromacy



Original Color

244.5830, 5.5480, -1.4280

Protanomaly

244.2950, 6.4190, -0.6930

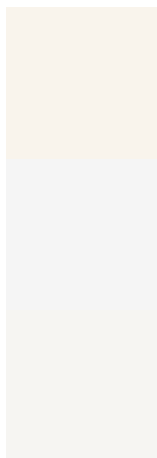
Deuteranomaly

245.0610, 7.1980, 1.7100

Tritanomaly

245.6630, 2.5670, 3.0390

Monochromacy



Original Color

244.5830, 5.5480, -1.4280

Achromatopsia

245.0000, -0.0000, 0.0000

Achromatomaly

244.9570, 1.5590, -0.7210

CSS Examples

Text

The CSS property to change the color of the text to YIQ 244.5830, 5.5480, -1.4280 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, 244, 236)` looks like.

```
.text, #text, p{  
    color:rgb(249, 244, 236)  
}
```

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, 244, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 244, 236) }
```

Border

The CSS property to change the border of an element to YIQ 244.5830, 5.5480, -1.4280 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, 244, 236) }
```


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

```
.border{ border-color:rgb(249, 244, 236) }
```

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

Here you see how a box with a 4 pixel rgb(249, 244, 236) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 244, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 244, 236);  
box-shadow:4px 4px 4px 4px rgb(249, 244,  
236) }
```

Background

The CSS property to change the background color of an element to YIQ 244.5830, 5.5480, -1.4280 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 244, 236) }
```

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

```
.background{ background-color: rgb(249,  
244, 236) }
```

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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