

Converting Colors

YIQ(243.4470, 2.9350, -3.6330)

Have a look what the booklet for
YIQ(243.4470, 2.9350, -3.6330)
contains.

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Color

**YIQ(243.4470, 2.9350,
-3.6330)**

Conversions

Conversions Part 1

Format	Color
Hex	F4F5EA
RGB	244, 245, 234
RGB Percent	96%, 96%, 92%
CMY	0.0431, 0.0392, 0.0823
CMYK	0.00, 0.00, 0.04, 0.04
HSL	65°, 35%, 94%
HSV	65°, 4%, 96%
XYZ	84.8120, 90.4785, 90.8398
YIQ	243.4470, 2.9350, -3.6330

Conversions

Conversions Part 2

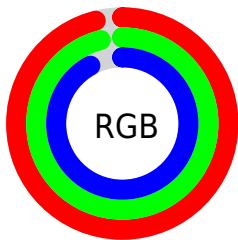
Format	Color
R _Y B	234, 245, 235
Decimal	16053738
CIE Lab	96.19, -2.23, 5.16
CIE LCh	96, 5.622, 113.388
Yxy	90.4785, 0.3187, 0.3400
Android (android.graphics.Color)	4294243818 (0xFFFF4F5EA)
YUV	243.4470, -4.6574, 0.4850
Hunter-Lab	95.1202, -7.3045, 9.9622

Details

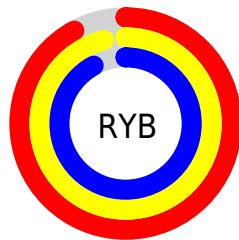
The YIQ color $243.4470, 2.9350, -3.6330$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $235.5530, -2.9350, 3.6330$, and the grayscale version is $243.0000, 0.0000, -0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $187.4470, 2.9350, -3.6330$ is the 20% darker color. If you saturate the color by 10%, you get $240.1130, 9.4470, -11.5210$, and if you desaturate by 10%, it is $246.4390, -2.6140, 3.3220$.

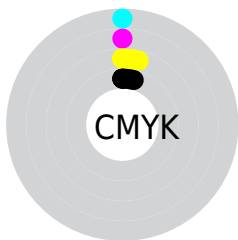
Distribution



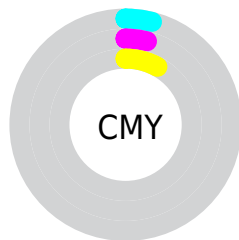
- Red (96%)
- Green (96%)
- Blue (92%)



- Red (92%)
- Yellow (96%)
- Blue (92%)



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



- Cyan (4%)
- Magenta (4%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 243.4470, 2.9350, -3.6330 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 243.4470, 2.9350, -3.6330 by changing the saturation by 10% instead.


 243.4470, 2.9350,
-3.6330


 243.4470, 2.9350,
-3.6330

255.0000, -0.0000,
-0.0000

 215.4470, 2.9350,
-3.6330

 187.4470, 2.9350,
-3.6330

 160.5610, 2.6140,
-3.3220

 134.5610, 2.6140,
-3.3220

 108.6750, 2.2930,
-3.0110

 84.6750, 2.2930,
-3.0110

 61.6750, 2.2930,

-3.0110

■ 39.7890, 1.9720,
-2.7000

■ 18.8600, 3.2100,
-3.1100

■ 243.4470, 2.9350,
-3.6330

■ 243.4470, 2.9350,
-3.6330

■ 240.1130, 9.4470,
-11.5210

■ 246.4390, -2.6140,
3.3220

■ 236.6650, 16.2800,
-19.7200

■ 247.0370, -1.4220,
3.7460

■ 233.0320, 22.1960,
-27.8200

■ 247.9340, 0.3660,
4.3820

■ 229.5840, 29.0290,
-36.0190

■ 248.5320, 1.5580,
4.8060

■ 226.2500, 35.5410,
-43.9070

■ 249.1300, 2.7500,
5.2300

■ 222.8020, 42.3740,
-52.1060

■ 219.1690, 48.2900,
-60.2060

■ 215.7210, 55.1230,
-68.4050

■ 212.3870, 61.6350,
-76.2930

Harmonies

Analogous

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



243.9530, 7.3820, -1.6260



243.4470, 2.9350, -3.6330



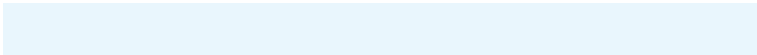
243.1690, -2.1540, -5.0180

Triad

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



243.4470, 2.9350, -3.6330



242.9110, -9.9950, -0.5790



245.6420, 7.0600, 4.2120

Complementary

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



243.4470, 2.9350, -3.6330



235.5530, -2.9350, 3.6330

Split Complementary

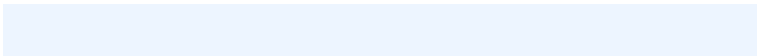
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



244.8310, 2.1540, 5.0180



243.4470, 2.9350, -3.6330



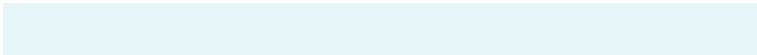
243.7480, -7.9780, 1.4140

Square

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



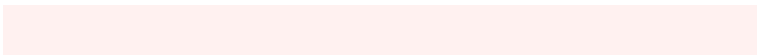
243.4470, 2.9350, -3.6330



242.3300, -9.8570, -3.0810



244.5530, -2.9350, 3.6330



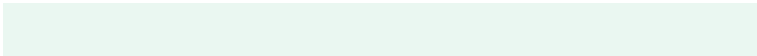
245.0720, 8.6650, 2.6570

Rectangle

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



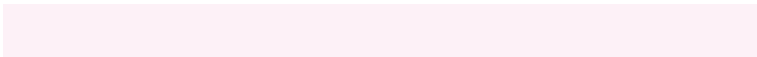
243.4470, 2.9350, -3.6330



242.4290, -5.8220, -4.6220



244.5530, -2.9350, 3.6330



245.2720, 5.2260, 4.4100

Sweetspot

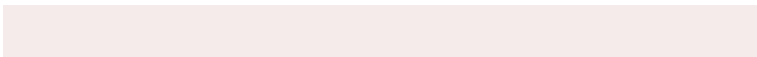
The Sweet Spot groups the original color and five complimentary colors.



243.4470, 2.9350, -3.6330



254.6580, 0.9630, -0.9330



237.8760, 6.2810, 1.8090



127.4730, 0.0460, -0.8340



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.



243.4470, 2.9350, -3.6330



253.2190, 3.5770, -4.2550



241.9520, -0.0450, -4.6930



121.2020, 2.2470, -2.1770



159.7130, 49.5740, -61.4500



50.4800, 15.3630, -19.6210

Inverse Universe

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



235.5530, -2.9350, 3.6330



243.7810, -3.5770, 4.2550



237.0480, 0.0450, 4.6930



116.0970, -1.6510, 2.3890



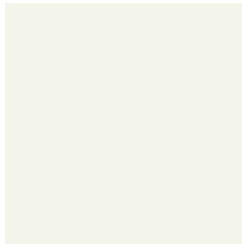
26.2870, -49.5740, 61.4500



8.2210, -15.9590, 19.4090

Previews

White Background



This preview shows how the YIQ color 243.4470, 2.9350, -3.6330 looks on a white background.

Color Contrast Check

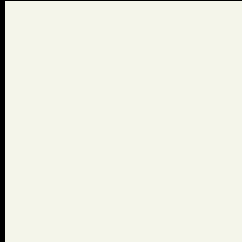
Large Text (above 18pt) WCAG AA × Fail

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 243.4470, 2.9350, -3.6330 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

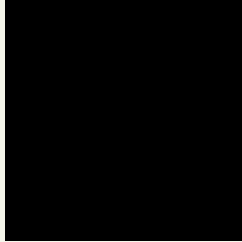
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

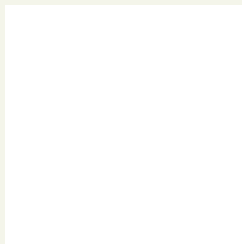
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 243.4470, 2.9350, -3.6330

Background



This preview shows how black text looks on a background with the YIQ color 243.4470, 2.9350, -3.6330.



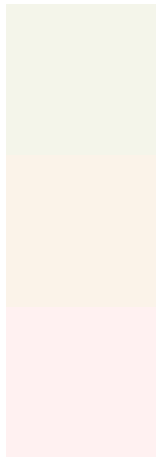
This preview shows how white text looks on a background with the YIQ color 243.4470, 2.9350, -3.6330.

-3.6330.

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

243.4470, 2.9350, -3.6330

Protanopia

244.2520, 7.9780, -1.4140

Deuteranopia

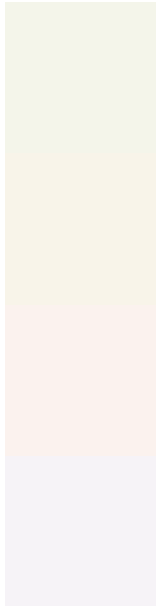
245.1860, 8.3440, 2.9680



Tritanopia

244.9770, -1.1930, 5.1030

Trichromacy



Original Color

243.4470, 2.9350, -3.6330

Protanomaly

243.9420, 5.9150, -2.5730

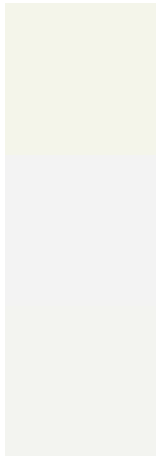
Deuteranomaly

244.2350, 6.6480, 0.6640

Tritanomaly

244.3530, 0.5040, 1.8800

Monochromacy



Original Color

243.4470, 2.9350, -3.6330

Achromatopsia

243.0000, 0.0000, -0.0000

Achromatomaly

243.2450, 0.6880, -1.4560

CSS Examples

Text

The CSS property to change the color of the text to YIQ 243.4470, 2.9350, -3.6330 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, 245, 234)` looks like.

```
.text, #text, p{  
    color:rgb(244, 245, 234)  
}
```

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, 245, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 245, 234) }
```

Border

The CSS property to change the border of an element to YIQ 243.4470, 2.9350, -3.6330 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, 245, 234) }
```


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

```
.border{ border-color:rgb(244, 245, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 245, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 245, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 245, 234);  
box-shadow:4px 4px 4px 4px rgb(244, 245,  
234) }
```

Background

The CSS property to change the background color of an element to YIQ 243.4470, 2.9350, -3.6330 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 245, 234) }
```

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

```
.background{ background-color: rgb(244,  
245, 234) }
```

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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