

Converting Colors

YIQ(243.9440, 2.4330, -16.5670)

Have a look what the booklet for
YIQ(243.9440, 2.4330, -16.5670)
contains.

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Color

**YIQ(243.9440, 2.4330,
-16.5670)**

Conversions

Conversions Part 1

Format	Color
Hex	ECFED5
RGB	236, 254, 213
RGB Percent	93%, 100%, 84%
CMY	0.0746, 0.0039, 0.1647
CMYK	0.07, 0.00, 0.16, 0.00
HSL	86°, 95%, 92%
HSV	86°, 16%, 100%
XYZ	82.0420, 93.5229, 76.6855
YIQ	243.9440, 2.4330, -16.5670

Conversions

Conversions Part 2

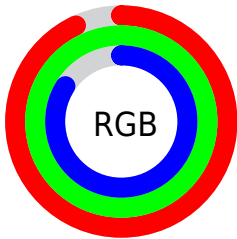
Format	Color
R _Y B	213, 254, 231
Decimal	15531733
CIE Lab	97.44, -12.89, 17.64
CIE LCh	97, 21.852, 126.163
Yxy	93.5229, 0.3252, 0.3708
Android (android.graphics.Color)	4293721813 (0xFFEFCED5)
YUV	243.9440, -15.2554, -6.9669
Hunter-Lab	96.7072, -17.8063, 20.6802

Details

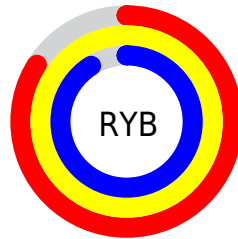
The YIQ color $243.9440, 2.4330, -16.5670$ is a light color, and the websafe version is hex $FFFFCC$. A complement of this color would be $223.0560, -2.4330, 16.5670$, and the grayscale version is $244.0000, 0.0000, -0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $187.4710, 2.3870, -15.7330$ is the 20% darker color. If you saturate the color by 10%, you get $237.8050, 3.9020, -26.6740$, and if you desaturate by 10%, it is $250.0830, 0.9640, -6.4600$.

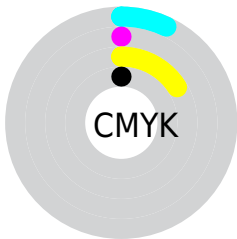
Distribution



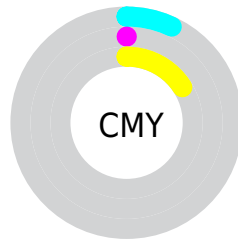
- Red (93%)
- Green (100%)
- Blue (84%)



- Red (84%)
- Yellow (100%)
- Blue (91%)



- Cyan (7%)
- Magenta (0%)
- Yellow (16%)
- Black (0%)



- Cyan (7%)
- Magenta (0%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 243.9440, 2.4330, -16.5670 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 243.9440, 2.4330, -16.5670 by changing the saturation by 10% instead.

243.9440, 2.4330,
-16.5670

243.9440, 2.4330,
-16.5670

255.0000, -0.0000,
-0.0000

215.3570, 2.7080,
-16.0440

187.4710, 2.3870,
-15.7330

160.5850, 2.0660,
-15.4220

134.6990, 1.7450,
-15.1110

109.1120, 2.0200,
-14.5880

84.3400, 1.3780,
-13.9660

61.4540, 1.0570,

-13.6550

■ 38.9810, 1.0110,
-12.8210

■ 18.2410, -2.6570,
-12.4250

■ 243.9440, 2.4330,
-16.5670

■ 243.9440, 2.4330,
-16.5670

■ 237.8050, 3.9020,
-26.6740

■ 250.0830, 0.9640,
-6.4600

■ 231.5520, 5.6920,
-37.0920

254.4130, 0.2750,
0.5230

■ 225.1140, 6.5650,
-47.4110

■ 218.8610, 8.3550,
-57.8290

■ 212.7220, 9.8240,
-67.9360

■ 206.5830, 11.2930,
-78.0430

■ 200.3300, 13.0830,
-88.4610

■ 194.1910, 14.5520,
-98.5680

■ 191.5560, 14.7820,
-102.7380

Harmonies

Analogous

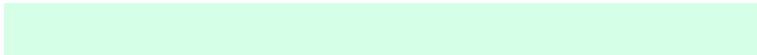
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



245.3050, 17.6540, -11.5780



243.9440, 2.4330, -16.5670



239.5920, -17.0070, -16.6790

Triad

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



243.9440, 2.4330, -16.5670



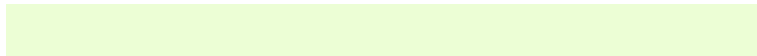
239.4630, -29.5250, -10.0770



240.8320, 9.5810, 8.0850

Complementary

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



243.9440, 2.4330, -16.5670



223.0560, -2.4330, 16.5670

Split Complementary

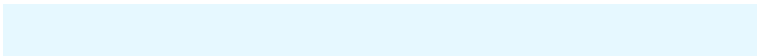
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



243.2600, 5.5000, 10.4600



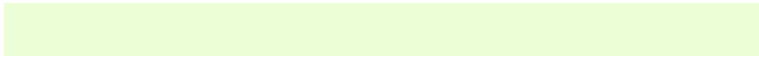
243.9440, 2.4330, -16.5670



243.4160, -12.9750, -1.6390

Square

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



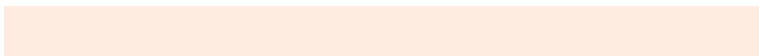
243.9440, 2.4330, -16.5670



236.1630, -37.5480, -13.3560



246.7820, 3.8500, 7.3220



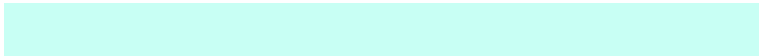
239.6120, 15.7720, 0.5080

Rectangle

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



243.9440, 2.4330, -16.5670



237.3010, -29.2490, -15.0810



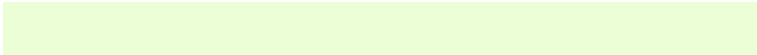
246.7820, 3.8500, 7.3220



241.6300, 7.3340, 10.2620

Sweetspot

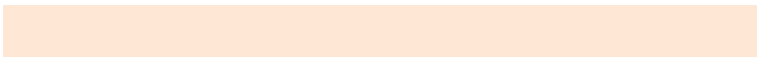
The Sweet Spot groups the original color and five complimentary colors.



243.9440, 2.4330, -16.5670



251.7240, 0.5970, -5.3150



235.8250, 19.4860, -0.7220



125.8920, 0.1840, -3.3360



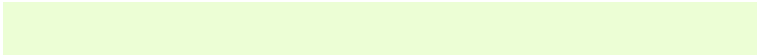
0.0000, 0.0000, 0.0000



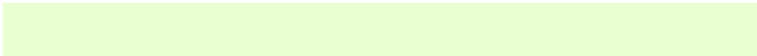
128.0000, -0.0000, -0.0000

Same Dimension

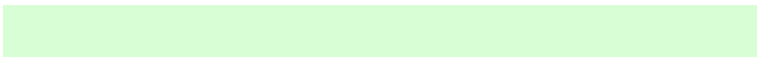
The Same Dimension uses a secret algorithm to generate beautiful new colors.



243.9440, 2.4330, -16.5670



243.2490, 2.8920, -19.3800



237.9640, -9.4870, -20.8070



124.7240, 0.5970, -5.3150



144.1100, 11.2470, -77.2090



48.3320, 3.8560, -25.8400

Inverse Universe

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



223.0560, -2.4330, 16.5670



218.7510, -2.8920, 19.3800



229.0360, 9.4870, 20.8070



117.9770, -1.1930, 5.1030



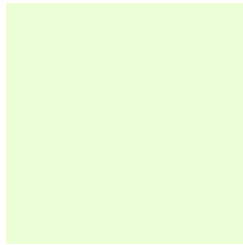
46.8900, -11.2470, 77.2090



15.6680, -3.8560, 25.8400

Previews

White Background



This preview shows how the YIQ color 243.9440, 2.4330, -16.5670 looks on a white background.

Color Contrast Check

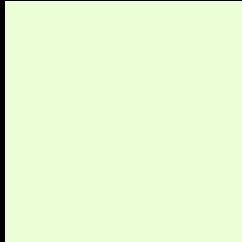
Large Text (above 18pt) WCAG AA × Fail

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 243.9440, 2.4330, -16.5670 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

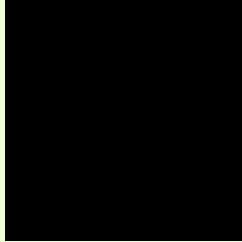
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

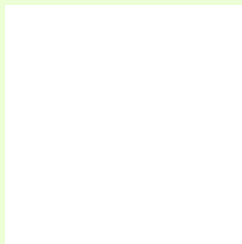
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 243.9440, 2.4330, -16.5670

Background



This preview shows how black text looks on a background with the YIQ color 243.9440, 2.4330, -16.5670.



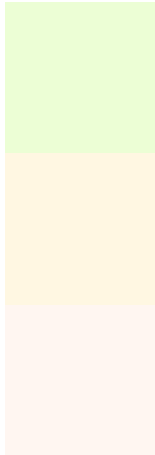
This preview shows how white text looks on a background with the YIQ color 243.9440, 2.4330, -16.5670.

-16.5670.

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

243.9440, 2.4330, -16.5670

Protanopia

246.9980, 11.5090, -4.8350

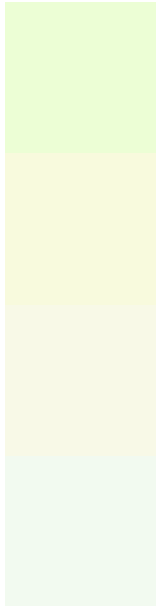
Deuteranopia

248.1210, 6.9690, 0.3530

Tritanopia

247.6130, -3.1640, 2.2760

Trichromacy



Original Color

243.9440, 2.4330, -16.5670

Protanomaly

246.0960, 8.1170, -9.4430

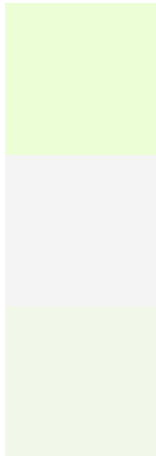
Deuteranomaly

246.6490, 5.1820, -5.8100

Tritanomaly

246.4680, -1.5580, -4.8060

Monochromacy



Original Color

243.9440, 2.4330, -16.5670

Achromatopsia

244.0000, 0.0000, -0.0000

Achromatomaly

244.1970, 0.6430, -6.1490

CSS Examples

Text

The CSS property to change the color of the text to YIQ 243.9440, 2.4330, -16.5670 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(236, 254, 213)` looks like.

```
.text, #text, p{  
    color:rgb(236, 254, 213)  
}
```

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(236, 254, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 254, 213) }
```

Border

The CSS property to change the border of an element to YIQ 243.9440, 2.4330, -16.5670 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(236, 254, 213) }
```


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

```
.border{ border-color:rgb(236, 254, 213) }
```

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

Here you see how a box with a 4 pixel rgb(236, 254, 213) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 254, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 254, 213);  
box-shadow:4px 4px 4px 4px rgb(236, 254,  
213) }
```

Background

The CSS property to change the background color of an element to YIQ 243.9440, 2.4330, -16.5670 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 254, 213) }
```

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

```
.background{ background-color: rgb(236,  
254, 213) }
```

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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