

Converting Colors

YIQ(243.6490, -3.9860,
-15.8740)

Have a look what the booklet for
YIQ(243.6490, -3.9860, -15.8740)
contains.

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Color

**YIQ(243.6490, -3.9860,
-15.8740)**

Conversions

Conversions Part 1

Format	Color
Hex	E6FFDD
RGB	230, 255, 221
RGB Percent	90%, 100%, 87%
CMY	0.0981, 0.0000, 0.1333
CMYK	0.10, 0.00, 0.13, 0.00
HSL	104°, 100%, 93%
HSV	104°, 13%, 100%
XYZ	81.4380, 93.5602, 82.1752
YIQ	243.6490, -3.9860, -15.8740

Conversions

Conversions Part 2

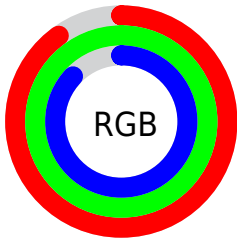
Format	Color
R _Y B	221, 255, 246
Decimal	15138781
CIE Lab	97.45, -14.13, 13.52
CIE LCh	97, 19.556, 136.266
Yxy	93.5602, 0.3167, 0.3638
Android (android.graphics.Color)	4293328861 (0xFFE6FFDD)
YUV	243.6490, -11.1660, -11.9702
Hunter-Lab	96.7265, -18.9849, 17.3380

Details

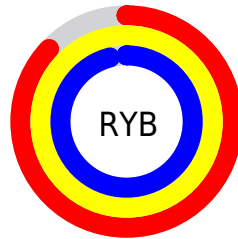
The YIQ color $243.6490, -3.9860, -15.8740$ is a light color, and the websafe version is hex $FFFFCC$. A complement of this color would be $232.3510, 3.9860, 15.8740$, and the grayscale version is $244.0000, 0.0000, -0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $187.1760, -4.0320, -15.0400$ is the 20% darker color. If you saturate the color by 10%, you get $235.1180, -7.2850, -27.6770$, and if you desaturate by 10%, it is $252.2940, -1.0080, -3.7600$.

Distribution



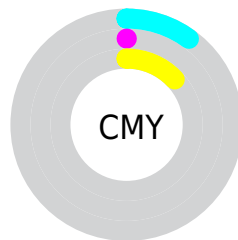
- Red (90%)
- Green (100%)
- Blue (87%)



- Red (87%)
- Yellow (100%)
- Blue (96%)



- Cyan (10%)
- Magenta (0%)
- Yellow (13%)
- Black (0%)




- Cyan (10%)
- Magenta (0%)
- Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 243.6490, -3.9860, -15.8740 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 243.6490, -3.9860, -15.8740 by changing the saturation by 10% instead.


 243.6490, -3.9860,
-15.8740


 243.6490, -3.9860,
-15.8740


255.0000, -0.0000,
-0.0000


 215.0620, -3.7110,
-15.3510

 187.1760, -4.0320,
-15.0400

 160.5890, -3.7570,
-14.5170

 134.0020, -3.4820,
-13.9940

 109.0020, -3.4820,
-13.9940

 84.5290, -3.5280,
-13.1600

 61.0560, -3.5740,

-12.3260

■ 39.1700, -3.8950,
-12.0150

■ 17.3440, -4.4450,
-13.0610

■ 243.6490, -3.9860,
-15.8740

■ 243.6490, -3.9860,
-15.8740

■ 235.1180, -7.2850,
-27.6770

■ 252.2940, -1.0080,
-3.7600

■ 226.4730,
-10.2630, -39.7910

255.0000, -0.0000,
-0.0000

■ 218.2410,
-12.9660, -51.3820

■ 209.5960,
-15.9440, -63.4960

■ 201.0650,
-19.2430, -75.2990

■ 192.4200,
-22.2210, -87.4130

■ 184.1880,
-24.9240, -99.0040

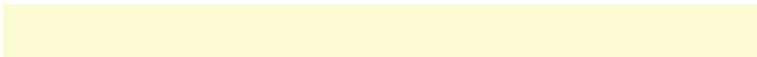
■ 175.5430,
-27.9020, -111.1180

■ 169.7180,
-30.1930, -119.1610

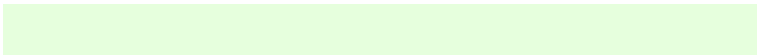
Harmonies

Analogous

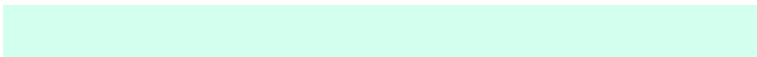
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



246.1520, 13.7110, -11.7050



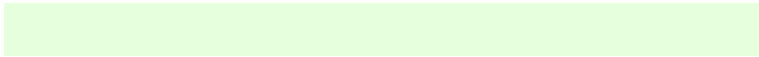
243.6490, -3.9860, -15.8740



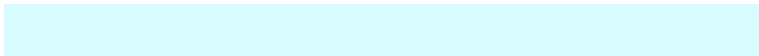
239.9060, -20.7670, -14.6150

Triad

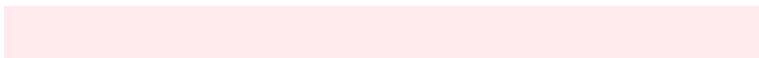
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



243.6490, -3.9860, -15.8740



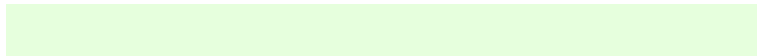
241.8770, -21.8230, -6.4870



241.3220, 10.9570, 5.1730

Complementary

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



243.6490, -3.9860, -15.8740



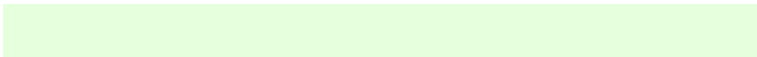
232.3510, 3.9860, 15.8740

Split Complementary

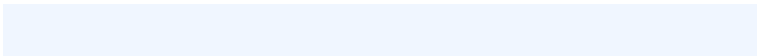
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



243.2600, 5.5000, 10.4600



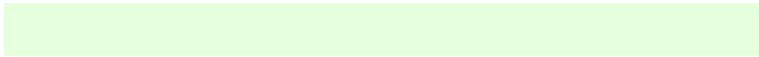
243.6490, -3.9860, -15.8740



245.2320, -6.4650, 1.5270

Square

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



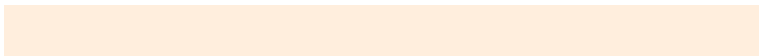
243.6490, -3.9860, -15.8740



238.8540, -32.1840, -11.4480



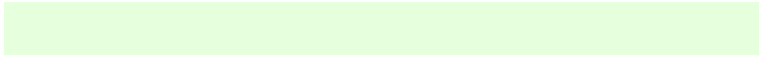
246.1950, 4.1250, 7.8450



241.1450, 15.5890, -1.6830

Rectangle

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



243.6490, -3.9860, -15.8740



238.6970, -30.3040, -12.4800



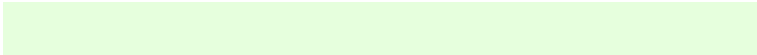
246.1950, 4.1250, 7.8450



242.0060, 9.0310, 7.0390

Sweetspot

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



243.6490, -3.9860, -15.8740



251.4680, -1.5580, -4.8060



245.8410, 13.3890, -5.8670



125.7070, -0.7330, -3.2370



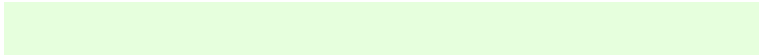
0.0000, 0.0000, 0.0000



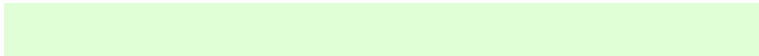
128.0000, -0.0000, -0.0000

Same Dimension

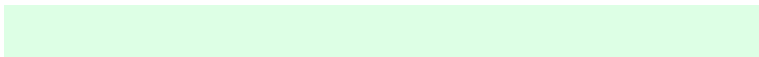
The Same Dimension uses a secret algorithm to generate beautiful new colors.



243.6490, -3.9860, -15.8740



241.3560, -4.7190, -19.1110



241.8700, -11.9180, -15.2940



123.5280, -1.7870, -6.1630



127.0670, -22.7250, -89.2930



42.6510, -7.4680, -29.8680

Inverse Universe

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



232.3510, 3.9860, 15.8740



227.6440, 4.7190, 19.1110



234.1300, 11.9180, 15.2940



119.1730, 1.1910, 5.9510



63.9330, 22.7250, 89.2930



21.3490, 7.4680, 29.8680

Previews

White Background



This preview shows how the YIQ color 243.6490, -3.9860, -15.8740 looks on a white background.

Color Contrast Check

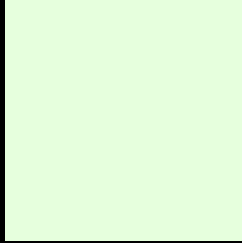
Large Text (above 18pt) WCAG AA × Fail

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 243.6490, -3.9860, -15.8740 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

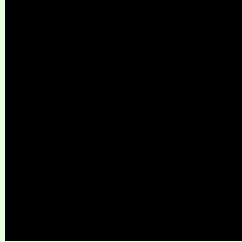
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

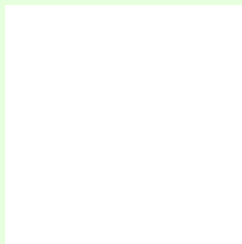
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 243.6490, -3.9860, -15.8740

Background



This preview shows how black text looks on a background with the YIQ color 243.6490, -3.9860, -15.8740.



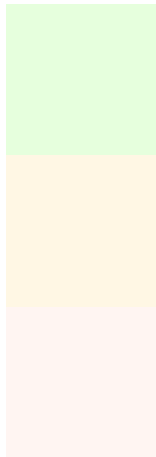
This preview shows how white text looks on a background with the YIQ color 243.6490, -3.9860,

-15.8740.

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

243.6490, -3.9860, -15.8740

Protanopia

247.2260, 10.8670, -4.2130

Deuteranopia

247.6480, 6.9230, 1.1870

Tritanopia

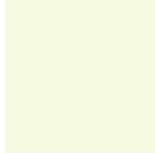
247.6020, -4.6310, 1.3290

Trichromacy



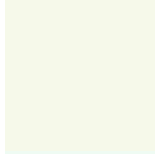
Original Color

243.6490, -3.9860, -15.8740



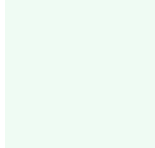
Protanomaly

245.9540, 5.6410, -8.6230



Deuteranomaly

246.3930, 3.0270, -5.3010



Tritanomaly

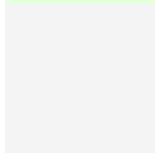
246.5000, -4.5840, -5.0320

Monochromacy



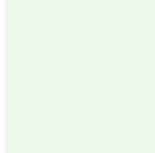
Original Color

243.6490, -3.9860, -15.8740



Achromatopsia

244.0000, 0.0000, -0.0000



Achromatomaly

243.9410, -1.5120, -5.6400

CSS Examples

Text

The CSS property to change the color of the text to YIQ 243.6490, -3.9860, -15.8740 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(230, 255, 221)` looks like.

```
.text, #text, p{  
    color:rgb(230, 255, 221)  
}
```

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(230, 255, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 255, 221) }
```

Border

The CSS property to change the border of an element to YIQ 243.6490, -3.9860, -15.8740 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(230, 255, 221) }
```


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

```
.border{ border-color:rgb(230, 255, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 255, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 255, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 255, 221);  
box-shadow:4px 4px 4px 4px rgb(230, 255,  
221) }
```

Background

The CSS property to change the background color of an element to YIQ 243.6490, -3.9860, -15.8740 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 255, 221) }
```

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

```
.background{ background-color: rgb(230,  
255, 221) }
```

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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