

Converting Colors

YIQ(243.4640, -4.9030,
-15.7750)

Have a look what the booklet for
YIQ(243.4640, -4.9030, -15.7750)
contains.

YIQ(243.4640, -4.9030, -15.7750)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(243.4640, -4.9030,
-15.7750)**

Conversions

Conversions Part 1

Format	Color
Hex	E5FFDE
RGB	229, 255, 222
RGB Percent	90%, 100%, 87%
CMY	0.1020, 0.0000, 0.1294
CMYK	0.10, 0.00, 0.13, 0.00
HSL	107°, 100%, 94%
HSV	107°, 13%, 100%
XYZ	81.2514, 93.4486, 82.8633
YIQ	243.4640, -4.9030, -15.7750

Conversions

Conversions Part 2

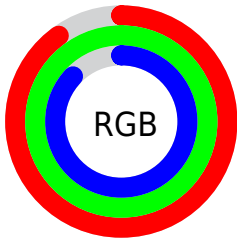
Format	Color
RYB	222, 255, 248
Decimal	15073246
CIELab	97.41, -14.30, 12.93
CIELCh	97, 19.282, 137.868
Yxy	93.4486, 0.3155, 0.3628
Android (android.graphics.Color)	4293263326 (0xFFE5FFDE)
YUV	243.4640, -10.5818, -12.6849
Hunter-Lab	96.6688, -19.1388, 16.8455

Details

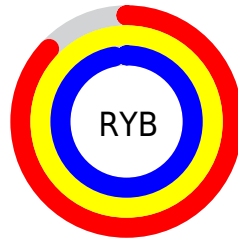
The YIQ color $243.4640, -4.9030, -15.7750$ is a light color, and the websafe version is hex $CCFFCC$. A complement of this color would be $233.5360, 4.9030, 15.7750$, and the grayscale version is $244.0000, 0.0000, -0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $186.9910, -4.9490, -14.9410$ is the 20% darker color. If you saturate the color by 10%, you get $234.6340, -8.7980, -27.7900$, and if you desaturate by 10%, it is $252.4080, -1.3290, -3.4490$.

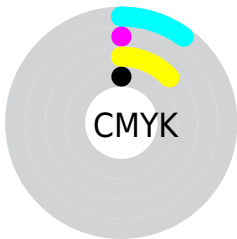
Distribution



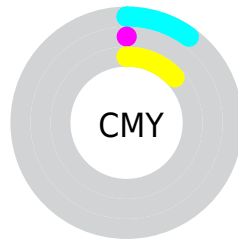
- Red (90%)
- Green (100%)
- Blue (87%)



- Red (87%)
- Yellow (100%)
- Blue (97%)



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





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

Brightness & Saturation Gradients

These gradients show how the YIQ color 243.4640, -4.9030, -15.7750 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 243.4640, -4.9030, -15.7750 by changing the saturation by 10% instead.

 243.4640, -4.9030,
-15.7750

 243.4640, -4.9030,
-15.7750


255.0000, -0.0000,
-0.0000


 214.8770, -4.6280,
-15.2520

 186.9910, -4.9490,
-14.9410

 160.2900, -4.3530,
-14.7290

 133.8170, -4.3990,
-13.8950

 108.8170, -4.3990,
-13.8950

 84.3440, -4.4450,
-13.0610

 60.7570, -4.1700,

-12.5380

■ 38.9850, -4.8120,
-11.9160

■ 17.0450, -5.0410,
-13.2730

■ 243.4640, -4.9030,
-15.7750

■ 243.4640, -4.9030,
-15.7750

■ 234.6340, -8.7980,
-27.7900

■ 252.4080, -1.3290,
-3.4490

■ 225.6900,
-12.3720, -40.1160

255.0000, -0.0000,
-0.0000

■ 216.8600,
-16.2670, -52.1310

■ 207.9160,
-19.8410, -64.4570

■ 198.7870,
-24.3320, -76.6840

■ 189.8430,
-27.9060, -89.0100

■ 181.0130,
-31.8010, -101.0250

■ 172.0690,
-35.3750, -113.3510

■ 165.8310,
-37.9410, -121.9170

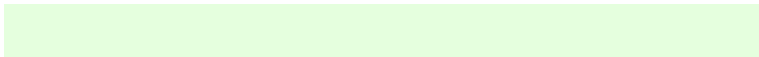
Harmonies

Analogous

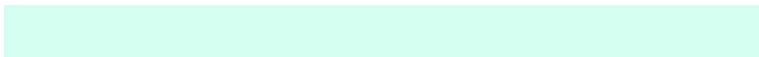
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



245.9670, 12.7940, -11.6060



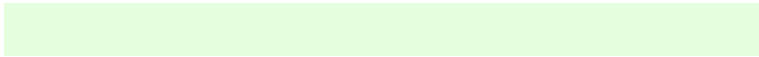
243.4640, -4.9030, -15.7750



239.7210, -21.6840, -14.5160

Triad

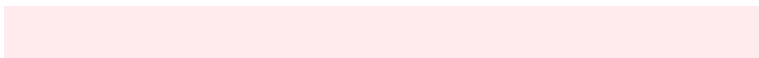
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



243.4640, -4.9030, -15.7750



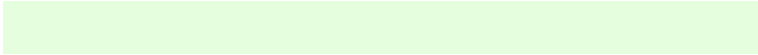
242.1760, -21.2270, -6.2750



241.2080, 11.2780, 4.8620

Complementary

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



243.4640, -4.9030, -15.7750



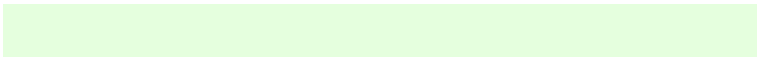
233.5360, 4.9030, 15.7750

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



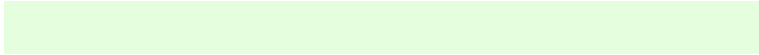
243.4640, -4.9030, -15.7750



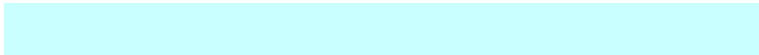
244.9440, -5.5940, 2.2620

Square

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



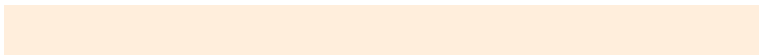
243.4640, -4.9030, -15.7750



239.1530, -31.5880, -11.2360



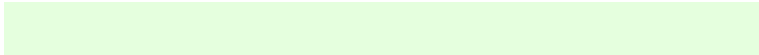
245.6080, 4.4000, 8.3680



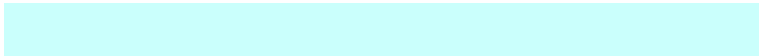
241.0310, 15.9100, -1.9940

Rectangle

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



243.4640, -4.9030, -15.7750



238.8110, -30.6250, -12.1690



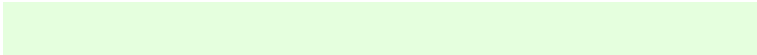
245.6080, 4.4000, 8.3680



241.8920, 9.3520, 6.7280

Sweetspot

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



243.4640, -4.9030, -15.7750



251.4680, -1.5580, -4.8060



247.1290, 12.5180, -6.6020



125.4080, -1.3290, -3.4490



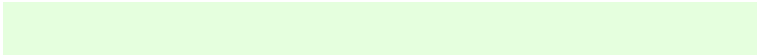
0.0000, 0.0000, 0.0000



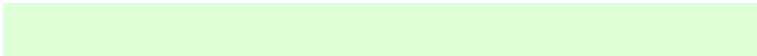
128.0000, -0.0000, -0.0000

Same Dimension

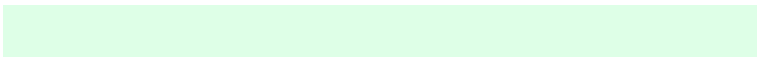
The Same Dimension uses a secret algorithm to generate beautiful new colors.



243.4640, -4.9030, -15.7750



240.7580, -5.9110, -19.5350



242.3970, -11.9640, -14.4600



123.2290, -2.3830, -6.3750



124.0770, -28.6850, -91.4130



41.4550, -9.8520, -30.7160

Inverse Universe

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



233.5360, 4.9030, 15.7750



228.2420, 5.9110, 19.5350



234.6030, 11.9640, 14.4600



119.4720, 1.7870, 6.1630



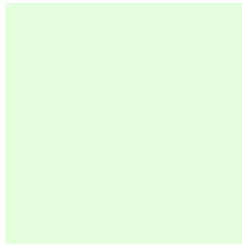
66.9230, 28.6850, 91.4130



22.2460, 9.2560, 30.5040

Previews

White Background



This preview shows how the YIQ color 243.4640, -4.9030, -15.7750 looks on a white background.

Color Contrast Check

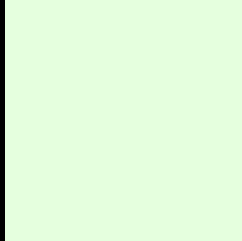
Large Text (above 18pt) WCAG AA × Fail

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 243.4640, -4.9030, -15.7750 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

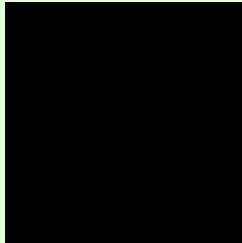
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

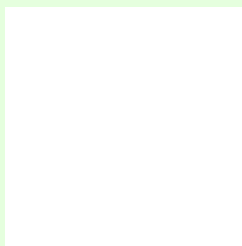
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 243.4640, -4.9030, -15.7750

Background



This preview shows how black text looks on a background with the YIQ color 243.4640, -4.9030, -15.7750.



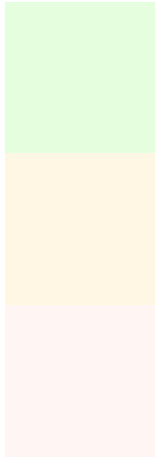
This preview shows how white text looks on a background with the YIQ color 243.4640, -4.9030,

-15.7750.

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

243.4640, -4.9030, -15.7750

Protanopia

247.1120, 11.1880, -4.5240

Deuteranopia

247.6480, 6.9230, 1.1870

Tritanopia

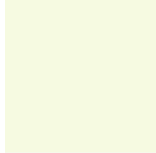
247.3030, -5.2270, 1.1170

Trichromacy



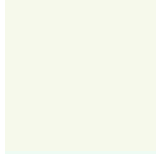
Original Color

243.4640, -4.9030, -15.7750



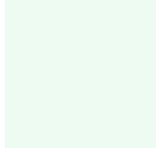
Protanomaly

245.9540, 5.6410, -8.6230



Deuteranomaly

246.5070, 2.7060, -4.9900



Tritanomaly

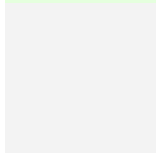
246.2010, -5.1800, -5.2440

Monochromacy



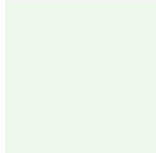
Original Color

243.4640, -4.9030, -15.7750



Achromatopsia

243.0000, 0.0000, -0.0000



Achromatomaly

242.9410, -1.5120, -5.6400

CSS Examples

Text

The CSS property to change the color of the text to YIQ 243.4640, -4.9030, -15.7750 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(229, 255, 222)` looks like.

```
.text, #text, p{  
    color:rgb(229, 255, 222)  
}
```

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(229, 255, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 255, 222) }
```

Border

The CSS property to change the border of an element to YIQ 243.4640, -4.9030, -15.7750 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(229, 255, 222) }
```


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

```
.border{ border-color:rgb(229, 255, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 255, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(229, 255, 222); -webkit-box-shadow:4px 4px 4px 4px rgb(229, 255, 222); box-shadow:4px 4px 4px 4px rgb(229, 255, 222) }
```

Background

The CSS property to change the background color of an element to YIQ 243.4640, -4.9030, -15.7750 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 255, 222) }
```

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

```
.background{ background-color: rgb(229,  
255, 222) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor