

Converting Colors

YIQ(246.5550, -6.4170,
-10.3610)

Have a look what the booklet for
YIQ(246.5550, -6.4170, -10.3610)
contains.

YIQ(246.5550, -6.4170, -10.3610)	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(246.5550, -6.4170,
-10.3610)**

Conversions

Conversions Part 1

Format	Color
Hex	EAF FEC
RGB	234, 255, 236
RGB Percent	92%, 100%, 93%
CMY	0.0824, 0.0000, 0.0745
CMYK	0.08, 0.00, 0.07, 0.00
HSL	126°, 100%, 96%
HSV	126°, 8%, 100%
XYZ	84.8264, 95.0657, 93.2335
YIQ	246.5550, -6.4170, -10.3610

Conversions

Conversions Part 2

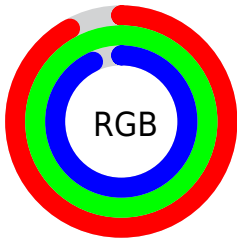
Format	Color
R _Y B	234, 253, 255
Decimal	15400940
CIE _{Lab}	98.06, -10.24, 6.74
CIE _{LCh}	98, 12.259, 146.668
Y _{xy}	95.0657, 0.3106, 0.3481
Android (android.graphics.Color)	4293591020 (0xFFEAFDEC)
Y _{UV}	246.5550, -5.2036, -11.0107
Hunter-Lab	97.5017, -15.3329, 11.5566

Details

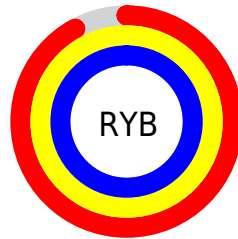
The YIQ color $246.5550, -6.4170, -10.3610$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $242.4450, 6.4170, 10.3610$, and the grayscale version is $247.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $189.9680, -6.1420, -9.8380$ is the 20% darker color. If you saturate the color by 10%, you get $236.1590, -14.5300, -23.0260$, and if you desaturate by 10%, it is $255.0000, -0.0000, -0.0000$.

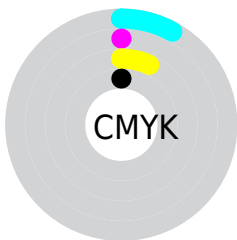
Distribution



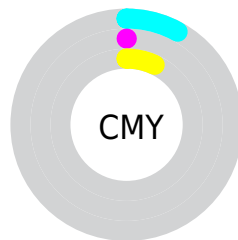
- Red (92%)
- Green (100%)
- Blue (93%)



- Red (92%)
- Yellow (99%)
- Blue (100%)



- Cyan (8%)
- Magenta (0%)
- Yellow (7%)
- Black (0%)



- Cyan (8%)
- Magenta (0%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 246.5550, -6.4170, -10.3610 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 246.5550, -6.4170, -10.3610 by changing the saturation by 10% instead.

 246.5550, -6.4170,
-10.3610


 246.5550, -6.4170,
-10.3610


255.0000, -0.0000,
-0.0000


 217.9680, -6.1420,
-9.8380

 189.9680, -6.1420,
-9.8380

 162.9680, -6.1420,
-9.8380

 136.3810, -5.8670,
-9.3150

 111.3810, -5.8670,
-9.3150

 86.7940, -5.5920,
-8.7920

 63.3210, -5.6380,

-7.9580

■ 41.6200, -5.0420,
-7.7460

■ 20.2070, -5.3170,
-8.2690

■ 246.5550, -6.4170,
-10.3610

■ 246.5550, -6.4170,
-10.3610

■ 236.1590,
-14.5300, -23.0260

255.0000, -0.0000,
-0.0000

■ 226.0620,
-22.0470, -35.4790

■ 215.6660,
-30.1600, -48.1440

■ 205.5690,
-37.6770, -60.5970

■ 195.1730,
-45.7900, -73.2620

■ 185.0760,
-53.3070, -85.7150

■ 174.6800,
-61.4200, -98.3800

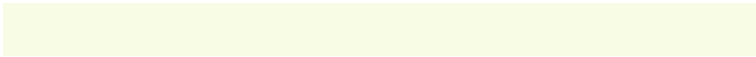
■ 164.5830,
-68.9370, -110.8330

■ 154.0730,
-76.7290, -123.8090

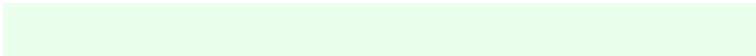
Harmonies

Analogous

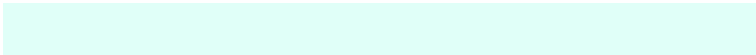
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



248.0680, 5.3200, -8.3120



246.5550, -6.4170, -10.3610



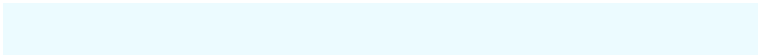
244.9330, -16.2290, -8.7490

Triad

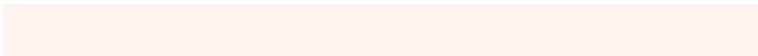
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



246.5550, -6.4170, -10.3610



246.9710, -10.2240, -1.9360



245.5450, 8.7110, 1.8230

Complementary

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



246.5550, -6.4170, -10.3610



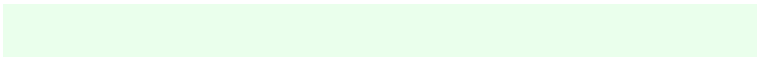
242.4450, 6.4170, 10.3610

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.



246.9130, 4.8590, 5.5550



246.5550, -6.4170, -10.3610



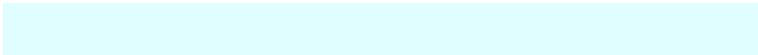
248.8090, -0.7800, 3.1240

Square

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



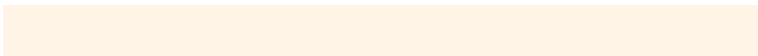
246.5550, -6.4170, -10.3610



245.1440, -18.2010, -6.0490



247.9560, 3.3000, 6.2760



245.6930, 11.0500, -2.0220

Rectangle

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



246.5550, -6.4170, -10.3610



244.5350, -20.8600, -7.4200



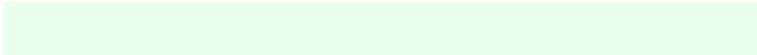
247.9560, 3.3000, 6.2760



246.0010, 7.4270, 3.0670

Sweetspot

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



246.5550, -6.4170, -10.3610



252.9350, -1.3750, -2.6150



252.0080, 5.5490, -6.9550



126.7610, -0.8250, -1.5690



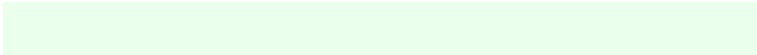
0.0000, 0.0000, 0.0000



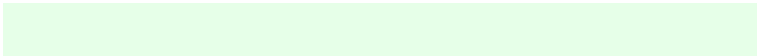
128.0000, -0.0000, -0.0000

Same Dimension

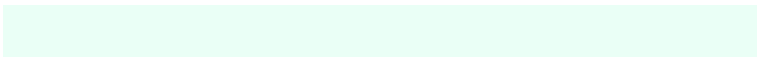
The Same Dimension uses a secret algorithm to generate beautiful new colors.



246.5550, -6.4170, -10.3610



244.9030, -7.5170, -12.4530



247.6950, -9.6270, -7.2510



122.7450, -3.8960, -6.4880



114.1690, -58.3030, -94.2950



38.2520, -19.5260, -31.6060

Inverse Universe

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



242.4450, 6.4170, 10.3610



240.0970, 7.5170, 12.4530



241.3050, 9.6270, 7.2510



120.1410, 4.2170, 6.1770



76.8310, 58.3030, 94.2950



25.7480, 19.5260, 31.6060

Previews

White Background



This preview shows how the YIQ color 246.5550, -6.4170, -10.3610 looks on a white background.

Color Contrast Check

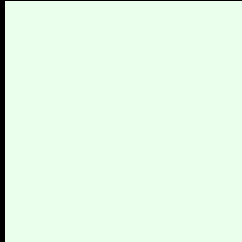
Large Text (above 18pt) WCAG AA × Fail

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 246.5550, -6.4170, -10.3610 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

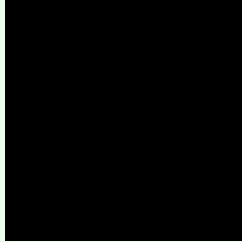
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

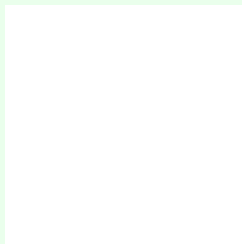
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 246.5550, -6.4170, -10.3610

Background



This preview shows how black text looks on a background with the YIQ color 246.5550, -6.4170, -10.3610.



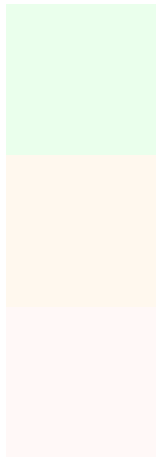
This preview shows how white text looks on a background with the YIQ color 246.5550, -6.4170,

-10.3610.

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

246.5550, -6.4170, -10.3610

Protanopia

248.9530, 7.3820, -1.6260

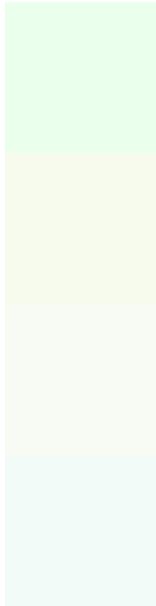
Deuteranopia

249.9790, 4.4930, 1.1730

Tritanopia

249.0860, -3.1180, 1.4420

Trichromacy



Original Color

246.5550, -6.4170, -10.3610

Protanomaly

248.2080, 2.1100, -5.2020

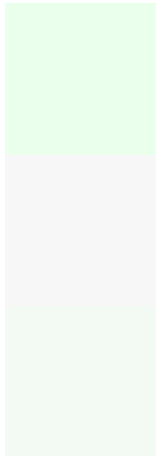
Deuteranomaly

248.8920, 0.1840, -3.3360

Tritanomaly

247.9670, -4.4010, -2.8410

Monochromacy



Original Color

246.5550, -6.4170, -10.3610

Achromatopsia

247.0000, -0.0000, -0.0000

Achromatomaly

246.8100, -2.5210, -3.8730

CSS Examples

Text

The CSS property to change the color of the text to YIQ 246.5550, -6.4170, -10.3610 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(234, 255, 236)` looks like.

```
.text, #text, p{  
    color:rgb(234, 255, 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(234, 255, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 255, 236) }
```

Border

The CSS property to change the border of an element to YIQ 246.5550, -6.4170, -10.3610 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(234, 255, 236) }
```


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

```
.border{ border-color:rgb(234, 255, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 255, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 255, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 255, 236);  
box-shadow:4px 4px 4px 4px rgb(234, 255,  
236) }
```

Background

The CSS property to change the background color of an element to YIQ 246.5550, -6.4170, -10.3610 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 255, 236) }
```

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

```
.background{ background-color: rgb(234,  
255, 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](#).

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