

Converting Colors

YIQ(243.5880, -2.0160, -7.5200)

Have a look what the booklet for
YIQ(243.5880, -2.0160, -7.5200)
contains.

YIQ(243.5880, -2.0160, -7.5200)	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(243.5880, -2.0160,
-7.5200)**

Conversions

Conversions Part 1

Format	Color
Hex	EDF9E9
RGB	237, 249, 233
RGB Percent	93%, 98%, 91%
CMY	0.0706, 0.0235, 0.0863
CMYK	0.05, 0.00, 0.06, 0.02
HSL	105°, 57%, 95%
HSV	105°, 6%, 98%
XYZ	83.5071, 91.6405, 90.3787
YIQ	243.5880, -2.0160, -7.5200

Conversions

Conversions Part 2

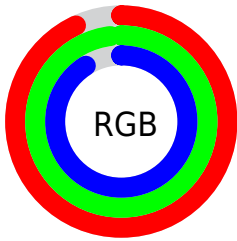
Format	Color
R _Y B	233, 249, 245
Decimal	15596009
CIE Lab	96.67, -6.77, 6.30
CIE LCh	97, 9.254, 137.061
Yxy	91.6405, 0.3145, 0.3451
Android (android.graphics.Color)	4293786089 (0xFFEDF9E9)
YUV	243.5880, -5.2199, -5.7777
Hunter-Lab	95.7291, -11.8153, 11.0341

Details

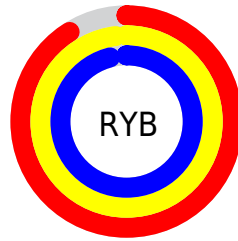
The YIQ color $243.5880, -2.0160, -7.5200$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $238.4120, 2.0160, 7.5200$, and the grayscale version is $244.0000, 0.0000, -0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $187.5880, -2.0160, -7.5200$ is the 20% darker color. If you saturate the color by 10%, you get $235.0570, -5.3150, -19.3230$, and if you desaturate by 10%, it is $251.4780, 1.6500, 3.1380$.

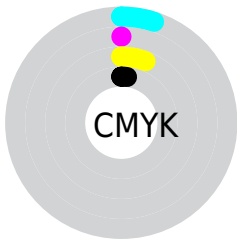
Distribution



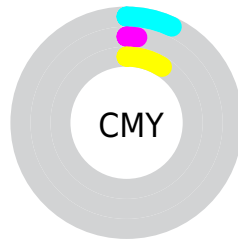
- Red (93%)
- Green (98%)
- Blue (91%)



- Red (91%)
- Yellow (98%)
- Blue (96%)



- Cyan (5%)
- Magenta (0%)
- Yellow (6%)
- Black (2%)




- Cyan (7%)
- Magenta (2%)
- Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 243.5880, -2.0160, -7.5200 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 243.5880, -2.0160, -7.5200 by changing the saturation by 10% instead.


 243.5880, -2.0160,
-7.5200


 243.5880, -2.0160,
-7.5200


255.0000, -0.0000,
-0.0000


 215.0010, -1.7410,
-6.9970

 187.5880, -2.0160,
-7.5200

 160.1150, -2.0620,
-6.6860

 134.1150, -2.0620,
-6.6860

 109.1150, -2.0620,
-6.6860

 84.5280, -1.7870,
-6.1630

 61.5280, -1.7870,

-6.1630

■ 39.9410, -1.5120,
-5.6400

■ 18.7130, -0.8700,
-6.2620

■ 243.5880, -2.0160,
-7.5200

■ 243.5880, -2.0160,
-7.5200

■ 235.0570, -5.3150,
-19.3230

■ 251.4780, 1.6500,
3.1380

■ 226.8250, -8.0180,
-30.9140

■ 218.2940,
-11.3170, -42.7170

■ 209.7630,
-14.6160, -54.5200

■ 201.5310,
-17.3190, -66.1110

■ 193.1140,
-20.9390, -77.6030

■ 184.5830,
-24.2380, -89.4060

■ 176.0520,
-27.5370, -101.2090

■ 167.8200,
-30.2400, -112.8000

Harmonies

Analogous

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



244.2470, 6.3740, -5.3860



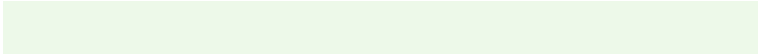
243.5880, -2.0160, -7.5200



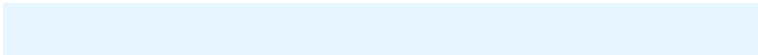
242.9830, -10.4980, -7.9860

Triad

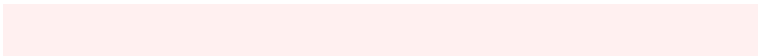
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



243.5880, -2.0160, -7.5200



243.4270, -11.5080, -0.6920



244.4850, 8.9400, 3.1800

Complementary

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



243.5880, -2.0160, -7.5200



238.4120, 2.0160, 7.5200

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.



245.6250, 5.7300, 6.2900



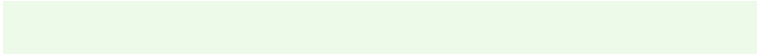
243.5880, -2.0160, -7.5200



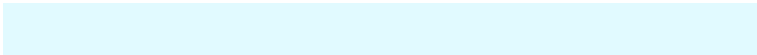
244.9550, -4.1270, 3.2090

Square

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



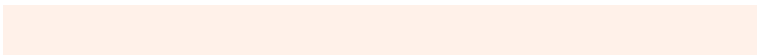
243.5880, -2.0160, -7.5200



243.0950, -16.5050, -3.7450



246.7710, 2.3830, 6.3750



244.2740, 10.9120, 0.4800

Rectangle

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



243.5880, -2.0160, -7.5200



242.7700, -14.2120, -6.7560



246.7710, 2.3830, 6.3750



244.3540, 7.9310, 4.9470

Sweetspot

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



243.5880, -2.0160, -7.5200



253.2340, -0.7790, -2.4030



244.8280, 6.2360, -2.8840



127.0600, -0.2290, -1.3570



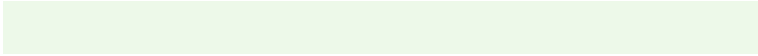
0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

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



243.5880, -2.0160, -7.5200



248.2350, -2.5200, -9.4000



242.8480, -5.6840, -7.1240



120.8270, -1.1910, -5.9510



124.9960, -23.9630, -88.8830



40.2920, -7.8350, -28.7230

Inverse Universe

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



238.4120, 2.0160, 7.5200



241.7650, 2.5200, 9.4000



239.1520, 5.6840, 7.1240



116.4720, 1.7870, 6.1630



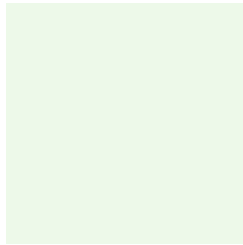
64.0040, 23.9630, 88.8830



20.7080, 7.8350, 28.7230

Previews

White Background



This preview shows how the YIQ color 243.5880, -2.0160, -7.5200 looks on a white background.

Color Contrast Check

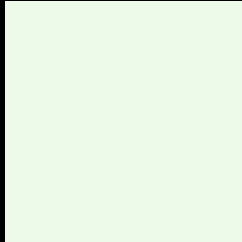
Large Text (above 18pt) WCAG AA × Fail

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 243.5880, -2.0160, -7.5200 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

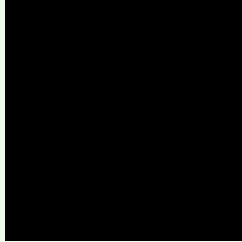
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

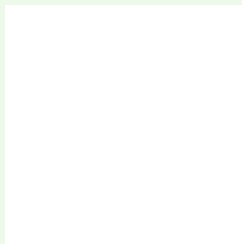
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 243.5880, -2.0160, -7.5200

Background



This preview shows how black text looks on a background with the YIQ color 243.5880, -2.0160, -7.5200.



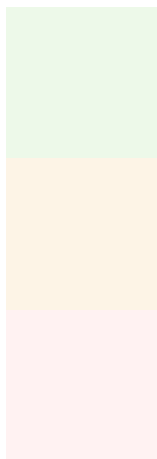
This preview shows how white text looks on a background with the YIQ color 243.5880, -2.0160,

-7.5200.

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

243.5880, -2.0160, -7.5200

Protanopia

245.0950, 9.8580, -2.4460

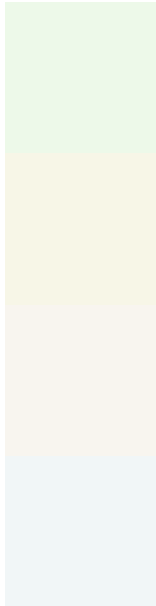
Deuteranopia

245.8870, 7.7480, 2.7560

Tritanopia

245.5420, -4.4020, 2.6860

Trichromacy



Original Color

243.5880, -2.0160, -7.5200

Protanomaly

244.5890, 5.4110, -4.4530

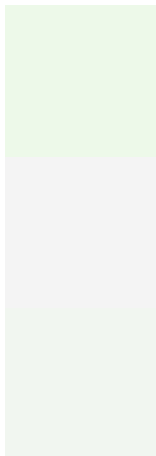
Deuteranomaly

245.2130, 3.7140, -1.2300

Tritanomaly

244.6190, -3.3010, -0.7490

Monochromacy



Original Color

243.5880, -2.0160, -7.5200

Achromatopsia

244.0000, 0.0000, -0.0000

Achromatomaly

243.8210, -1.0540, -2.9260

CSS Examples

Text

The CSS property to change the color of the text to YIQ 243.5880, -2.0160, -7.5200 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(237, 249, 233)` looks like.

```
.text, #text, p{  
    color:rgb(237, 249, 233)  
}
```

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(237, 249, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 249, 233) }
```

Border

The CSS property to change the border of an element to YIQ 243.5880, -2.0160, -7.5200 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(237, 249, 233) }
```


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

```
.border{ border-color:rgb(237, 249, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 249, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 249, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 249, 233);  
box-shadow:4px 4px 4px 4px rgb(237, 249,  
233) }
```

Background

The CSS property to change the background color of an element to YIQ 243.5880, -2.0160, -7.5200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 249, 233) }
```

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

```
.background{ background-color: rgb(237,  
249, 233) }
```

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