

# Converting Colors

YIQ(243.7170, -6.6930, -5.3570)

Have a look what the booklet for  
YIQ(243.7170, -6.6930, -5.3570)  
contains.

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# Color

**YIQ(243.7170, -6.6930,  
-5.3570)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	EAF9F2
RGB	234, 249, 242
RGB Percent	92%, 98%, 95%
CMY	0.0824, 0.0235, 0.0510
CMYK	0.06, 0.00, 0.03, 0.02
HSL	152°, 56%, 95%
HSV	152°, 6%, 98%
XYZ	83.8322, 91.6564, 97.2732
YIQ	243.7170, -6.6930, -5.3570

# Conversions

## Conversions Part 2

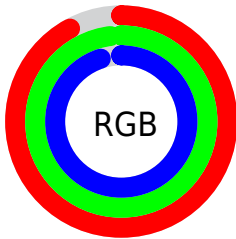
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	234, 244, 249
Decimal	15399410
CIE Lab	96.68, -6.18, 1.65
CIE LCh	97, 6.399, 165.035
Yxy	91.6564, 0.3073, 0.3360
Android (android.graphics.Color)	4293589490 (0xFFEAF9F2)
YUV	243.7170, -0.8465, -8.5218
Hunter-Lab	95.7374, -11.2374, 6.7750

# Details

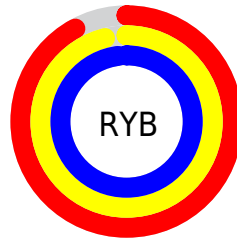
The YIQ color  $243.7170, -6.6930, -5.3570$  is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be  $239.2830, 6.6930, 5.3570$ , and the grayscale version is  $244.0000, 0.0000, -0.0000$ .

A 20% lighter version of the original color is  $255.0000, -0.0000, -0.0000$ , and  $187.7170, -6.6930, -5.3570$  is the 20% darker color. If you saturate the color by 10%, you get  $234.8740, -17.7410, -14.3890$ , and if you desaturate by 10%, it is  $251.3640, 1.9710, 2.8270$ .

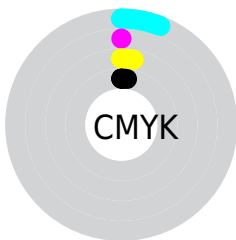
# Distribution



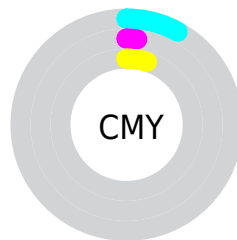
- Red (92%)
- Green (98%)
- Blue (95%)



- Red (92%)
- Yellow (96%)
- Blue (98%)



- Cyan (6%)
- Magenta (0%)
- Yellow (3%)
- Black (2%)




- Cyan (8%)
- Magenta (2%)
- Yellow (5%)


# Brightness & Saturation Gradients

These gradients show how the YIQ color 243.7170, -6.6930, -5.3570 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 243.7170, -6.6930, -5.3570 by changing the saturation by 10% instead.




 243.7170, -6.6930,  
-5.3570


 243.7170, -6.6930,  
-5.3570


255.0000, -0.0000,  
-0.0000


 215.1300, -6.4180,  
-4.8340

 187.7170, -6.6930,  
-5.3570

 160.4290, -5.8220,  
-4.6220

 134.4290, -5.8220,  
-4.6220

 109.4290, -5.8220,  
-4.6220

 84.7280, -5.2260,  
-4.4100

 61.7280, -5.2260,

-4.4100

■ 39.8420, -5.5470,  
-4.0990

■ 18.5430, -6.1430,  
-4.3110

■ 243.7170, -6.6930,  
-5.3570

■ 243.7170, -6.6930,  
-5.3570

■ 234.8740,  
-17.7410, -14.3890

■ 251.3640, 1.9710,  
2.8270

■ 226.1450,  
-29.1100, -23.1100

■ 251.4780, 1.6500,  
3.1380

■ 217.3020,  
-40.1580, -32.1420

■ 208.4590,  
-51.2060, -41.1740

■ 199.7300,  
-62.5750, -49.8950

■ 191.1860,  
-73.0270, -58.7150

■ 182.4570,  
-84.3960, -67.4360

■ 173.6140,  
-95.4440, -76.4680

■ 164.7710,  
-106.4920, -85.5000

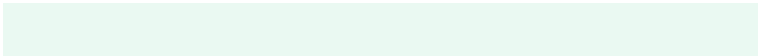
# Harmonies

## Analogous

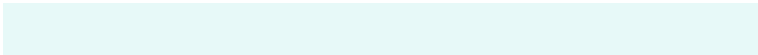
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



244.3540, -1.2370, -5.1170



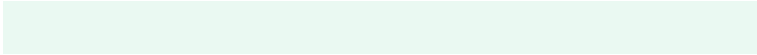
243.7170, -6.6930, -5.3570



243.5040, -10.4070, -4.1270

# Triad

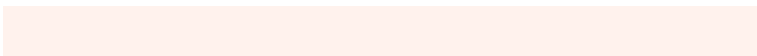
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



243.7170, -6.6930, -5.3570



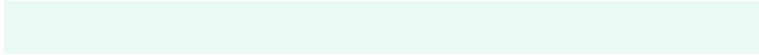
245.5420, -4.4020, 2.6860



245.3170, 9.3530, 1.2010

# Complementary

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



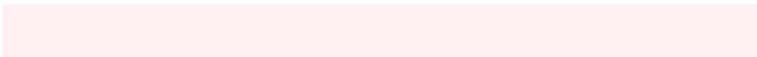
243.7170, -6.6930, -5.3570



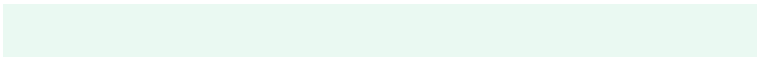
239.2830, 6.6930, 5.3570

# Split Complementary

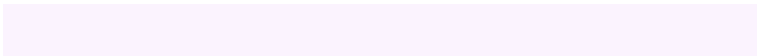
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



245.3000, 8.0230, 3.2790



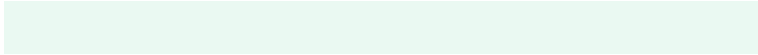
243.7170, -6.6930, -5.3570



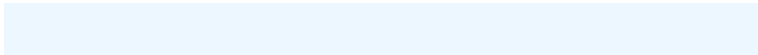
246.6460, 1.2370, 5.1170

# Square

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



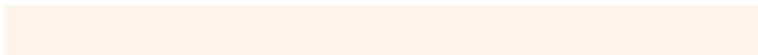
243.7170, -6.6930, -5.3570



244.6230, -9.1240, 0.1560



246.6850, 5.5010, 4.9330



245.8500, 9.1700, -0.9900

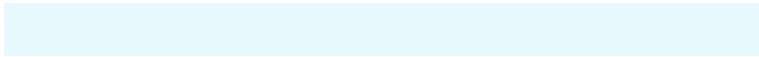


# Rectangle

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



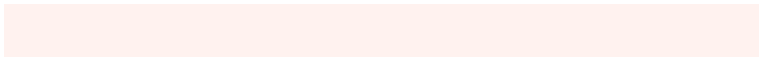
243.7170, -6.6930, -5.3570



243.9600, -11.6910, -2.8830



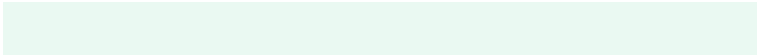
246.6850, 5.5010, 4.9330



245.5450, 8.7110, 1.8230

# Sweetspot

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



243.7170, -6.6930, -5.3570



253.2770, -2.3380, -1.6820



244.8980, 0.0470, -6.3610



126.8750, -1.1460, -1.2580



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.



243.7170, -6.6930, -5.3570



248.7060, -8.1600, -6.3040



244.5150, -8.9400, -3.1800



121.4400, -4.3550, -3.6750



122.4570, -84.3960, -67.4360



39.5690, -27.3680, -21.6400



# Inverse Universe

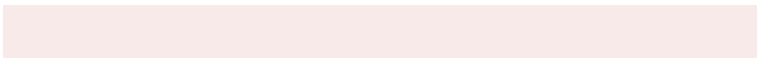
The Inverse Universe completely reimagines the original color for something new.



239.2830, 6.6930, 5.3570



243.2940, 8.1600, 6.3040



238.4850, 8.9400, 3.1800



118.5600, 4.3550, 3.6750



66.5430, 84.3960, 67.4360

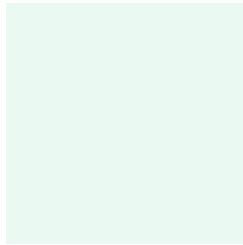


21.5450, 27.0470, 21.9510



# Previews

## White Background



This preview shows how the YIQ color 243.7170, -6.6930, -5.3570 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

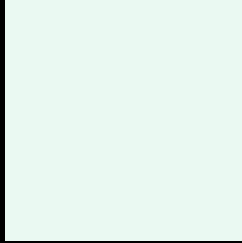
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YIQ color 243.7170, -6.6930, -5.3570 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

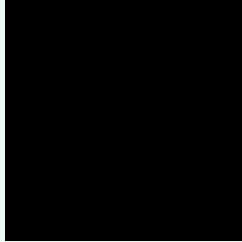
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

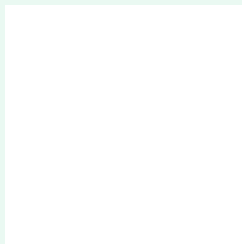
If you want to check with other color combinations, try the [Color Contrast Checker](#).

**YIQ 243.7170, -6.6930, -5.3570**

## **Background**



This preview shows how black text looks on a background with the YIQ color 243.7170, -6.6930, -5.3570.



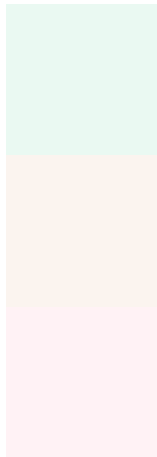
This preview shows how white text looks on a background with the YIQ color 243.7170, -6.6930, -5.3570.

-5.3570.

# 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

243.7170, -6.6930, -5.3570

### Protanopia

245.5230, 5.7770, -0.0710

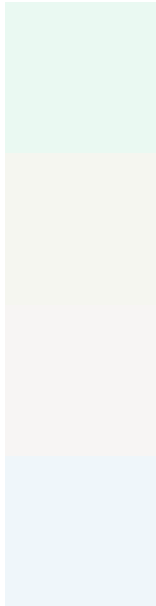
### Deuteranopia

246.2290, 6.7850, 3.6890

## **Tritanopia**

245.2430, -4.9980, 2.4740

# Trichromacy



## Original Color

243.7170, -6.6930, -5.3570

## Protanomaly

245.0170, 1.3300, -2.0780

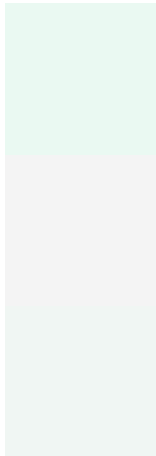
## Deuteranomaly

245.4840, 1.5130, 0.1130

## Tritanomaly

244.3630, -5.4560, -0.2400

# Monochromacy



## Original Color

243.7170, -6.6930, -5.3570

## Achromatopsia

244.0000, 0.0000, -0.0000

## Achromatomaly

243.8640, -2.6130, -2.2050

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 243.7170, -6.6930, -5.3570 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, 249, 242)` looks like.

```
.text, #text, p{  
    color:rgb(234, 249, 242)  
}
```

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, 249, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 249, 242) }
```

## Border

The CSS property to change the border of an element to YIQ 243.7170, -6.6930, -5.3570 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, 249, 242) }
```



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

```
.border{ border-color:rgb(234, 249, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 249, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 249, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 249, 242);  
box-shadow:4px 4px 4px 4px rgb(234, 249,  
242) }
```

# Background

The CSS property to change the background color of an element to YIQ 243.7170, -6.6930, -5.3570 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 249, 242) }
```

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

```
.background{ background-color: rgb(234,  
249, 242) }
```

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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