

# Converting Colors

YIQ(239.8630, -19.2080,  
-15.3360)

Have a look what the booklet for  
YIQ(239.8630, -19.2080, -15.3360)  
contains.

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# Color

**YIQ(239.8630, -19.2080,  
-15.3360)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D4FFEB
RGB	212, 255, 235
RGB Percent	83%, 100%, 92%
CMY	0.1687, 0.0000, 0.0785
CMYK	0.17, 0.00, 0.08, 0.00
HSL	152°, 100%, 92%
HSV	152°, 17%, 100%
XYZ	77.8961, 91.5100, 92.1432
YIQ	239.8630, -19.2080, -15.3360

# Conversions

## Conversions Part 2

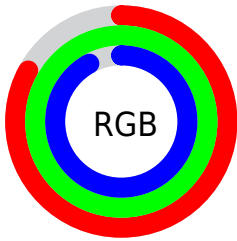
Format	Color
R <sub>Y</sub> B	212, 240, 255
Decimal	13959147
CIE Lab	96.62, -17.52, 5.00
CIE LCh	97, 18.218, 164.082
Yxy	91.5100, 0.2978, 0.3499
Android (android.graphics.Color)	4292149227 (0xFFD4FFEB)
YUV	239.8630, -2.3975, -24.4359
Hunter-Lab	95.6608, -22.0549, 9.8528

# Details

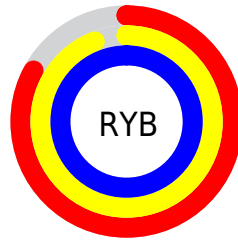
The YIQ color  $239.8630, -19.2080, -15.3360$  is a light color, and the websafe version is hex  $CCFFFF$ . A complement of this color would be  $227.1370, 19.2080, 15.3360$ , and the grayscale version is  $240.0000, -0.0000, -0.0000$ .

A 20% lighter version of the original color is  $255.0000, -0.0000, -0.0000$ , and  $183.5750, -18.3370, -14.6010$  is the 20% darker color. If you saturate the color by 10%, you get  $230.7210, -30.8520, -24.5800$ , and if you desaturate by 10%, it is  $248.7060, -8.1600, -6.3040$ .

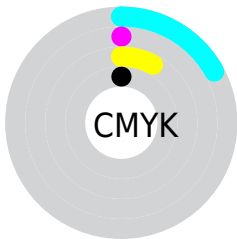
# Distribution



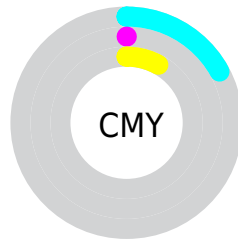
- Red (83%)
- Green (100%)
- Blue (92%)



- Red (83%)
- Yellow (94%)
- Blue (100%)



- Cyan (17%)
- Magenta (0%)
- Yellow (8%)
- Black (0%)




- Cyan (17%)
- Magenta (0%)
- Yellow (8%)


# Brightness & Saturation Gradients

These gradients show how the YIQ color 239.8630, -19.2080, -15.3360 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 239.8630, -19.2080, -15.3360 by changing the saturation by 10% instead.





 239.8630,  
-19.2080, -15.3360


 239.8630,  
-19.2080, -15.3360


255.0000, -0.0000,  
-0.0000


 211.2760,  
-18.9330, -14.8130

 183.5750,  
-18.3370, -14.6010

 156.6890,  
-18.6580, -14.2900

 130.4010,  
-17.7870, -13.5550

 104.8140,  
-17.5120, -13.0320

 80.8140, -17.5120,  
-13.0320

 57.2270, -17.2370,

-12.5090

■ 34.1560, -18.4750,  
-12.0990

■ 17.6900, -11.2310,  
-11.2230

■ 239.8630,  
-19.2080, -15.3360

■ 239.8630,  
-19.2080, -15.3360

■ 230.7210,  
-30.8520, -24.5800

■ 248.7060, -8.1600,  
-6.3040

■ 221.8780,  
-41.9000, -33.6120

255.0000, -0.0000,  
-0.0000

■ 212.7360,  
-53.5440, -42.8560

■ 204.0070,  
-64.9130, -51.5770

■ 194.8650,  
-76.5570, -60.8210

■ 186.0220,  
-87.6050, -69.8530

■ 176.8800,  
-99.2490, -79.0970

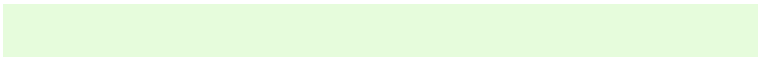
■ 168.0370,  
-110.2970, -88.1290

■ 165.1890,  
-113.7810, -91.0690

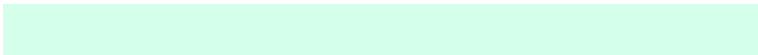
# Harmonies

## Analogous

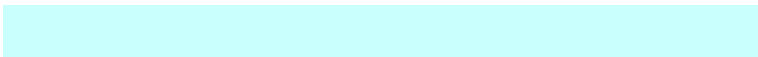
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



241.7740, -2.8400, -14.6160



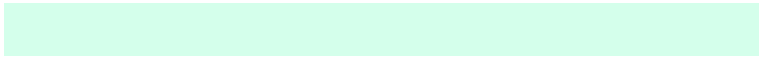
239.8630, -19.2080, -15.3360



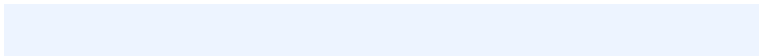
238.6260, -31.5420, -12.0700

# Triad

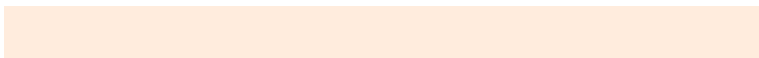
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



239.8630, -19.2080, -15.3360



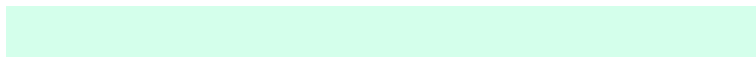
243.1610, -7.7030, 1.9370



239.9710, 16.1390, -0.6370

# Complementary

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



239.8630, -19.2080, -15.3360



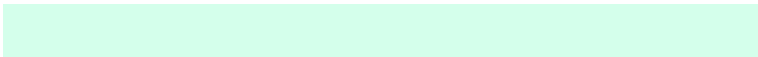
227.1370, 19.2080, 15.3360

# 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.



240.0340, 11.8280, 5.9080



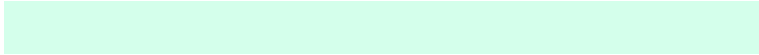
239.8630, -19.2080, -15.3360



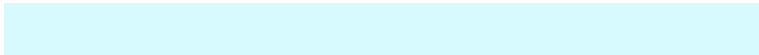
245.0210, 4.6750, 8.8910

# Square

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



239.8630, -19.2080, -15.3360



240.1050, -22.4650, -5.8650



242.6730, 5.7750, 10.9830

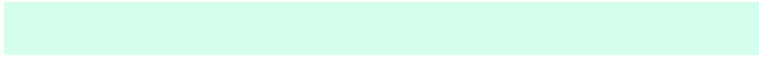


241.8800, 17.6530, -6.0510



# Rectangle

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



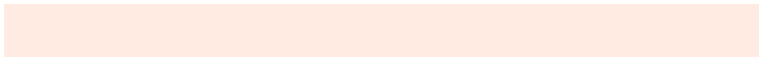
239.8630, -19.2080, -15.3360



238.5550, -32.7800, -11.6600



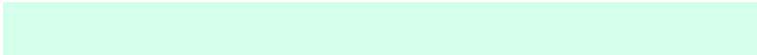
242.6730, 5.7750, 10.9830



239.9540, 14.8090, 1.4410

# Sweetspot

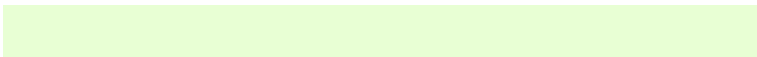
The Sweet Spot groups the original color and five complimentary colors.



239.8630, -19.2080, -15.3360



250.4290, -5.8220, -4.6220



243.2210, 0.0950, -18.2490



125.1520, -3.4840, -2.9400



0.0000, 0.0000, 0.0000

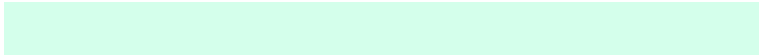


128.0000, -0.0000, -0.0000

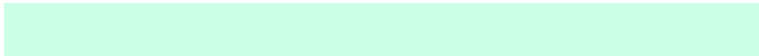


# Same Dimension

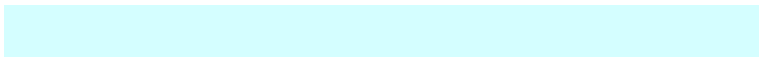
The Same Dimension uses a secret algorithm to generate beautiful new colors.



239.8630, -19.2080, -15.3360



237.0150, -22.6920, -18.2760



241.5560, -25.3530, -8.5930



123.4290, -5.8220, -4.6220



123.7450, -85.2670, -68.1710



41.4440, -28.5140, -22.8980



# Inverse Universe

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



227.1370, 19.2080, 15.3360



221.9850, 22.6920, 18.2760



225.4440, 25.3530, 8.5930



119.5710, 5.8220, 4.6220



67.2550, 85.2670, 68.1710

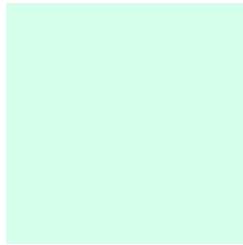


22.5560, 28.5140, 22.8980



# Previews

## White Background



This preview shows how the YIQ color 239.8630, -19.2080, -15.3360 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

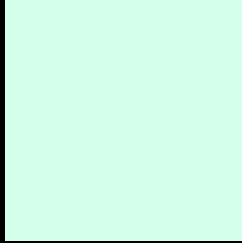
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YIQ color 239.8630, -19.2080, -15.3360 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

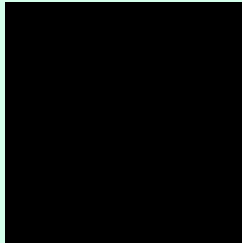
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

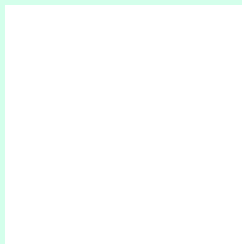
Any Text WCAG AAA ✓ Pass

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

# YIQ 239.8630, -19.2080, -15.3360 Background



This preview shows how black text looks on a background with the YIQ color 239.8630, -19.2080, -15.3360.



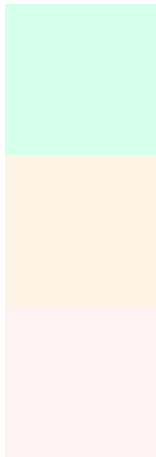
This preview shows how white text looks on a background with the YIQ color 239.8630, -19.2080, -15.3360.

-15.3360.

# 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

239.8630, -19.2080, -15.3360

### Protanopia

244.9810, 10.1790, -2.7570

### Deuteranopia

245.8870, 7.7480, 2.7560



## Tritanopia

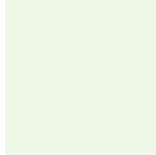
244.3240, -9.7200, -0.0560

# Trichromacy



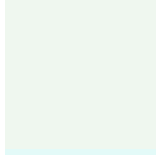
## Original Color

239.8630, -19.2080, -15.3360



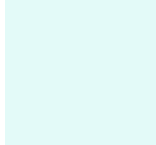
## Protanomaly

243.0720, -0.5030, -7.4070



## Deuteranomaly

243.6960, -2.2000, -4.1840



## Tritanomaly

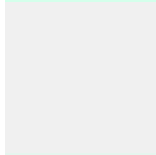
242.8950, -13.0660, -5.4980

# Monochromacy



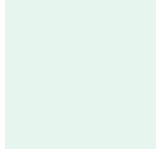
## Original Color

239.8630, -19.2080, -15.3360



## Achromatopsia

240.0000, -0.0000, -0.0000



## Achromatomaly

239.7170, -6.6930, -5.3570

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 239.8630, -19.2080, -15.3360 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(212, 255, 235)` looks like.

```
.text, #text, p{  
    color:rgb(212, 255, 235)  
}
```

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(212, 255, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 255, 235) }
```

## Border

The CSS property to change the border of an element to YIQ 239.8630, -19.2080, -15.3360 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(212, 255, 235) }
```



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

```
.border{ border-color:rgb(212, 255, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 255, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 255, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 255, 235);  
box-shadow:4px 4px 4px 4px rgb(212, 255,  
235) }
```

# Background

The CSS property to change the background color of an element to YIQ 239.8630, -19.2080, -15.3360 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 255, 235) }
```

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

```
.background{ background-color: rgb(212,  
255, 235) }
```

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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