

# Converting Colors

YIQ(235.9890, -10.6350,  
-11.0110)

Have a look what the booklet for  
YIQ(235.9890, -10.6350, -11.0110)  
contains.

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# Color

**YIQ(235.9890, -10.6350,  
-11.0110)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DBF6E5
RGB	219, 246, 229
RGB Percent	86%, 96%, 90%
CMY	0.1412, 0.0352, 0.1020
CMYK	0.11, 0.00, 0.07, 0.04
HSL	142°, 60%, 91%
HSV	142°, 11%, 96%
XYZ	76.3087, 86.6323, 86.8231
YIQ	235.9890, -10.6350, -11.0110

# Conversions

## Conversions Part 2

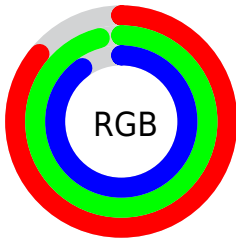
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	219, 239, 246
Decimal	14415589
CIE <sub>Lab</sub>	94.58, -11.94, 5.20
CIE <sub>LCh</sub>	95, 13.019, 156.474
Yxy	86.6323, 0.3055, 0.3469
Android (android.graphics.Color)	4292605669 (0xFFDBF6E5)
YUV	235.9890, -3.4456, -14.8994
Hunter-Lab	93.0764, -16.5406, 9.8469

# Details

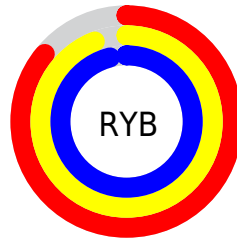
The YIQ color **235.9890, -10.6350, -11.0110** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **229.0110, 10.6350, 11.0110**, and the grayscale version is **236.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **255.0000, -0.0000, -0.0000**, and **180.4020, -10.3600, -10.4880** is the 20% darker color. If you saturate the color by 10%, you get **226.8040, -20.7200, -20.9760**, and if you desaturate by 10%, it is **245.1740, -0.5500, -1.0460**.

# Distribution



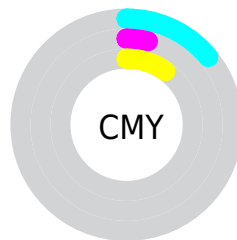
- Red (86%)
- Green (96%)
- Blue (90%)



- Red (86%)
- Yellow (94%)
- Blue (96%)



- Cyan (11%)
- Magenta (0%)
- Yellow (7%)
- Black (4%)



- Cyan (14%)
- Magenta (4%)
- Yellow (10%)

# Brightness & Saturation Gradients

These gradients show how the YIQ color 235.9890, -10.6350, -11.0110 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 235.9890, -10.6350, -11.0110 by changing the saturation by 10% instead.



■ 235.9890,  
-10.6350, -11.0110

■ 235.9890,  
-10.6350, -11.0110

255.0000, -0.0000,  
-0.0000

■ 207.9890,  
-10.6350, -11.0110

■ 180.4020,  
-10.3600, -10.4880

■ 153.4020,  
-10.3600, -10.4880

■ 127.1140, -9.4890,  
-9.7530

■ 102.1140, -9.4890,  
-9.7530

■ 77.9400, -8.9390,  
-8.7070

■ 54.9400, -8.9390,

-8.7070

■ 33.3530, -8.6640,  
-8.1840

■ 12.7830, -7.0590,  
-9.7390

■ 235.9890,  
-10.6350, -11.0110

■ 235.9890,  
-10.6350, -11.0110

■ 226.8040,  
-20.7200, -20.9760

■ 245.1740, -0.5500,  
-1.0460

■ 217.8040,  
-29.8880, -31.0400

■ 249.7170, 2.4750,  
4.7070

■ 208.6190,  
-39.9730, -41.0050

■ 199.6190,  
-49.1410, -51.0690

■ 190.4340,  
-59.2260, -61.0340

■ 181.1350,  
-68.9900, -71.3100

■ 172.2490,  
-78.4790, -81.0630

■ 162.9500,  
-88.2430, -91.3390

■ 154.7760,  
-96.8610, -100.3570

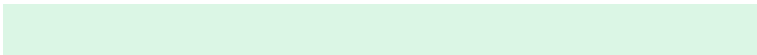
# Harmonies

## Analogous

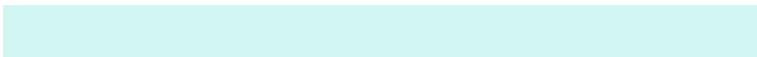
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



237.2740, 1.7440, -9.5840



235.9890, -10.6350, -11.0110



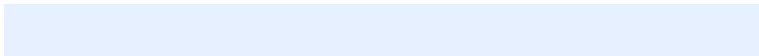
235.3670, -20.4470, -9.3990

# Triad

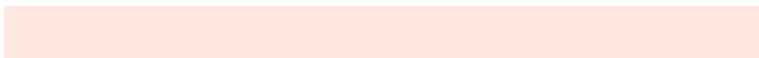
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



235.9890, -10.6350, -11.0110



238.7200, -10.7750, 2.5450



238.0790, 15.9550, 2.6990

# Complementary

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



235.9890, -10.6350, -11.0110



229.0110, 10.6350, 11.0110

# 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.



238.8600, 12.3780, 6.9540



235.9890, -10.6350, -11.0110



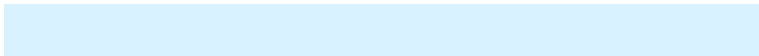
240.2700, -0.4600, 8.3400

# Square

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



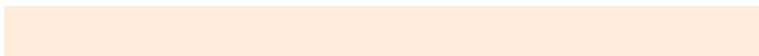
235.9890, -10.6350, -11.0110



236.2950, -19.9440, -1.9920



240.9290, 7.9300, 10.4740



238.9280, 17.6980, -1.3580



# Rectangle

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



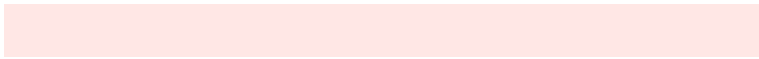
235.9890, -10.6350, -11.0110



235.6810, -24.2070, -7.3350



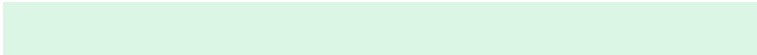
240.9290, 7.9300, 10.4740



237.9480, 14.9460, 4.4660

# Sweetspot

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



235.9890, -10.6350, -11.0110



252.0380, -3.1630, -3.2510



239.9320, 2.7070, -10.5170



125.7500, -2.2920, -2.5160



0.0000, 0.0000, 0.0000

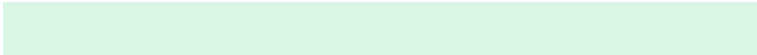


128.0000, -0.0000, -0.0000

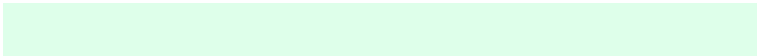


# Same Dimension

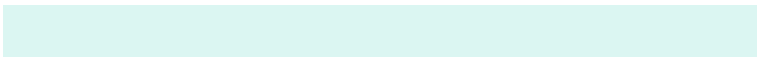
The Same Dimension uses a secret algorithm to generate beautiful new colors.



235.9890, -10.6350, -11.0110



242.7390, -12.9270, -13.5270



237.4710, -14.8080, -6.9680



117.6140, -4.9050, -4.7210



117.0480, -73.2990, -75.8190



37.1410, -23.2870, -24.0150



# Inverse Universe

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



229.0110, 10.6350, 11.0110



234.2610, 12.9270, 13.5270



227.5290, 14.8080, 6.9680



114.5000, 4.5840, 5.0320



68.9520, 73.2990, 75.8190

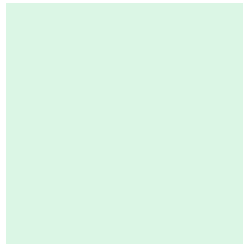


21.8590, 23.2870, 24.0150



# Previews

## White Background



This preview shows how the YIQ color 235.9890, -10.6350, -11.0110 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

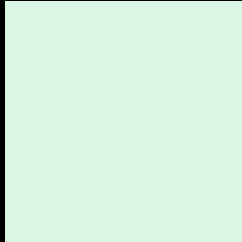
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YIQ color 235.9890, -10.6350, -11.0110 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

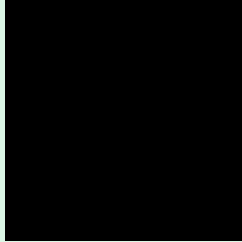
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

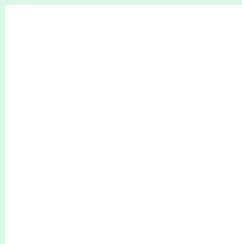
Any Text WCAG AAA ✓ Pass

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

# YIQ 235.9890, -10.6350, -11.0110 Background



This preview shows how black text looks on a background with the YIQ color 235.9890, -10.6350, -11.0110.



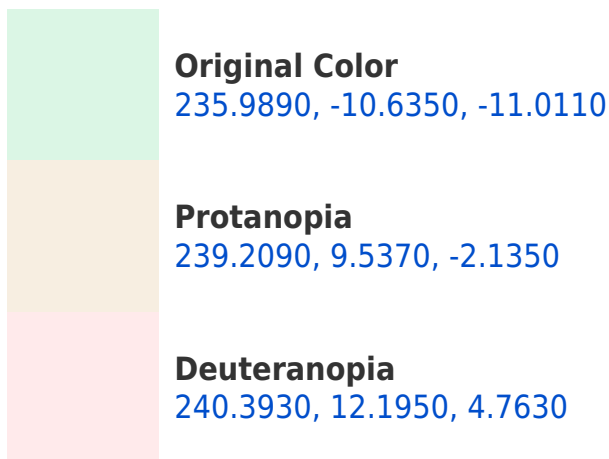
This preview shows how white text looks on a background with the YIQ color 235.9890, -10.6350, -11.0110.

-11.0110.

# 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

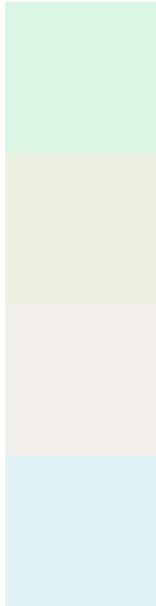




## Tritanopia

238.7090, -12.2420, 1.5980

# Trichromacy



## Original Color

235.9890, -10.6350, -11.0110

## Protanomaly

238.0940, 2.4310, -5.5130

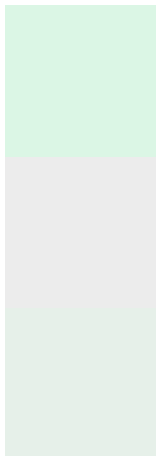
## Deuteranomaly

238.6260, 3.9890, -0.7070

## Tritanomaly

237.9600, -11.6910, -2.8830

# Monochromacy



## Original Color

235.9890, -10.6350, -11.0110

## Achromatopsia

236.0000, 0.0000, -0.0000

## Achromatomaly

236.2120, -3.7130, -4.2970

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 235.9890, -10.6350, -11.0110 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(219, 246, 229)` looks like.

```
.text, #text, p{  
    color:rgb(219, 246, 229)  
}
```

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(219, 246, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 246, 229) }
```

## Border

The CSS property to change the border of an element to YIQ 235.9890, -10.6350, -11.0110 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(219, 246, 229) }
```



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

```
.border{ border-color:rgb(219, 246, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 246, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 246, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 246, 229);  
box-shadow:4px 4px 4px 4px rgb(219, 246,  
229) }
```

# Background

The CSS property to change the background color of an element to YIQ 235.9890, -10.6350, -11.0110 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 246, 229) }
```

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

```
.background{ background-color: rgb(219,  
246, 229) }
```

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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