

Converting Colors

YIQ(235.2810, -17.3290,
-10.8410)

Have a look what the booklet for
YIQ(235.2810, -17.3290, -10.8410)
contains.

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Color

**YIQ(235.2810, -17.3290,
-10.8410)**

Conversions

Conversions Part 1

Format	Color
Hex	D4F7EC
RGB	212, 247, 236
RGB Percent	83%, 97%, 93%
CMY	0.1687, 0.0313, 0.0746
CMYK	0.14, 0.00, 0.04, 0.03
HSL	161°, 69%, 90%
HSV	161°, 14%, 97%
XYZ	75.5481, 86.5794, 92.0749
YIQ	235.2810, -17.3290, -10.8410

Conversions

Conversions Part 2

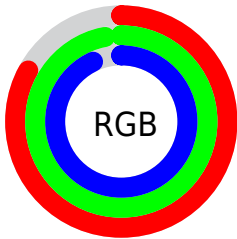
Format	Color
R _Y B	212, 233, 247
Decimal	13957100
CIE Lab	94.56, -13.39, 1.49
CIE LCh	95, 13.472, 173.644
Yxy	86.5794, 0.2972, 0.3406
Android (android.graphics.Color)	4292147180 (0xFFD4F7EC)
YUV	235.2810, 0.3545, -20.4174
Hunter-Lab	93.0480, -17.9053, 6.4637

Details

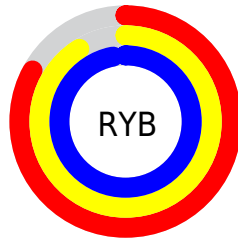
The YIQ color **235.2810, -17.3290, -10.8410** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **223.7190, 17.3290, 10.8410**, and the grayscale version is **235.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **255.0000, -0.0000, -0.0000**, and **179.5800, -16.7330, -10.6290** is the 20% darker color. If you saturate the color by 10%, you get **226.8940, -29.6610, -18.6290**, and if you desaturate by 10%, it is **243.6680, -4.9970, -3.0530**.

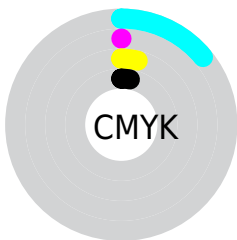
Distribution



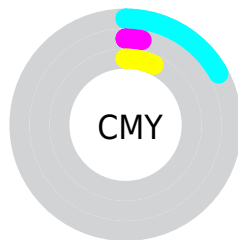
- Red (83%)
- Green (97%)
- Blue (93%)



- Red (83%)
- Yellow (91%)
- Blue (97%)



- Cyan (14%)
- Magenta (0%)
- Yellow (4%)
- Black (3%)



- Cyan (17%)
- Magenta (3%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 235.2810, -17.3290, -10.8410 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 235.2810, -17.3290, -10.8410 by changing the saturation by 10% instead.

■ 235.2810,
-17.3290, -10.8410

■ 235.2810,
-17.3290, -10.8410

255.0000, -0.0000,
-0.0000

■ 206.6940,
-17.0540, -10.3180

■ 179.5800,
-16.7330, -10.6290

■ 152.8790,
-16.1370, -10.4170

■ 126.4060,
-16.1830, -9.5830

■ 101.7050,
-15.5870, -9.3710

■ 77.1180, -15.3120,
-8.8480

■ 54.1180, -15.3120,

-8.8480

■ 32.1180, -15.3120,
-8.8480

■ 14.2820, -9.9020,
-7.7740

■ 235.2810,
-17.3290, -10.8410

■ 235.2810,
-17.3290, -10.8410

■ 226.8940,
-29.6610, -18.6290

■ 243.6680, -4.9970,
-3.0530

■ 218.8060,
-41.3970, -26.2050

■ 249.9620, 3.1630,
3.2510

■ 210.5330,
-54.0500, -33.6820

■ 250.3040, 2.2000,
4.1840

■ 202.1460,
-66.3820, -41.4700

■ 193.7590,
-78.7140, -49.2580

■ 185.6710,
-90.4500, -56.8340

■ 177.3980,
-103.1030, -64.3110

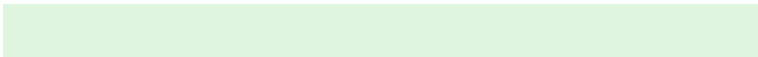
■ 169.0110,
-115.4350, -72.0990

■ 164.2550,
-122.1740, -76.6220

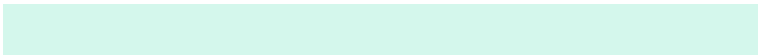
Harmonies

Analogous

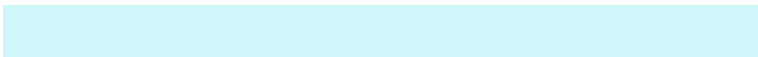
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



236.3270, -5.7750, -10.9830



235.2810, -17.3290, -10.8410



235.2680, -24.4820, -7.8580

Triad

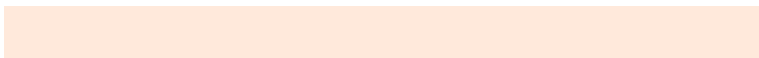
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



235.2810, -17.3290, -10.8410



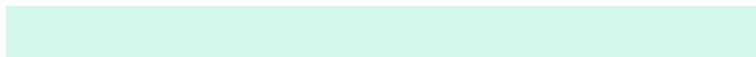
239.6500, -4.5860, 6.0220



237.9820, 17.6060, 0.3100

Complementary

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



235.2810, -17.3290, -10.8410



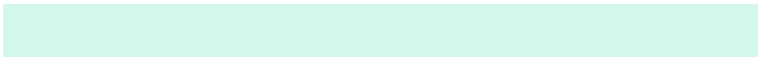
223.7190, 17.3290, 10.8410

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.



237.9480, 14.9460, 4.4660



235.2810, -17.3290, -10.8410



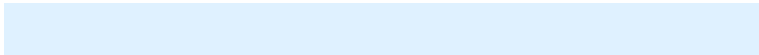
241.7870, 5.4540, 11.2940

Square

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



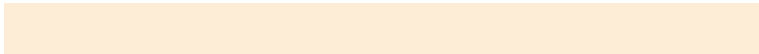
235.2810, -17.3290, -10.8410



237.2140, -15.2220, 0.5380



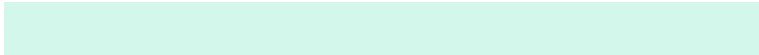
239.5440, 10.4520, 8.8200



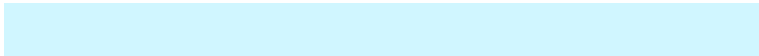
239.1620, 16.9190, -3.7610

Rectangle

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



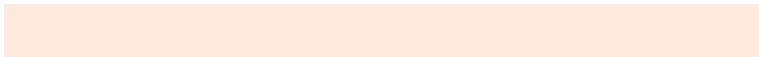
235.2810, -17.3290, -10.8410



235.6640, -25.5370, -5.2570



239.5440, 10.4520, 8.8200



237.7370, 16.9180, 1.7660

Sweetspot

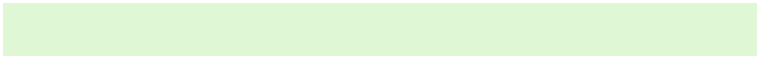
The Sweet Spot groups the original color and five complimentary colors.



235.2810, -17.3290, -10.8410



251.6680, -4.9970, -3.0530



235.8340, -3.0690, -15.9730



125.5650, -3.2090, -2.4170



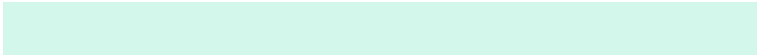
0.0000, 0.0000, 0.0000



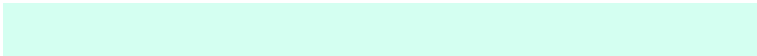
128.0000, -0.0000, -0.0000

Same Dimension

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



235.2810, -17.3290, -10.8410



240.5470, -21.1340, -13.4700



233.0130, -19.2100, -4.2820



118.0700, -6.1890, -3.4770



123.7740, -92.2380, -57.4700



39.1930, -29.0650, -18.4170

Inverse Universe

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



223.7190, 17.3290, 10.8410



226.3390, 21.4550, 13.1590



225.9870, 19.2100, 4.2820



114.0440, 5.8680, 3.7880



62.3400, 91.9170, 57.7810



19.6930, 29.3860, 18.1060

Previews

White Background



This preview shows how the YIQ color 235.2810, -17.3290, -10.8410 looks on a white background.

Color Contrast Check

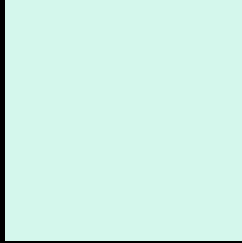
Large Text (above 18pt) WCAG AA × Fail

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 235.2810, -17.3290, -10.8410 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

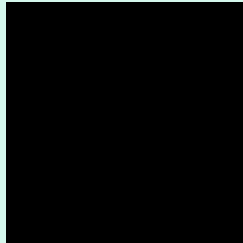
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

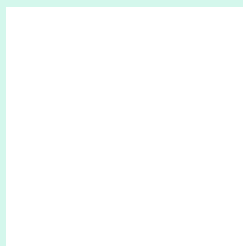
Any Text WCAG AAA ✓ Pass

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

YIQ 235.2810, -17.3290, -10.8410 Background



This preview shows how black text looks on a background with the YIQ color 235.2810, -17.3290, -10.8410.



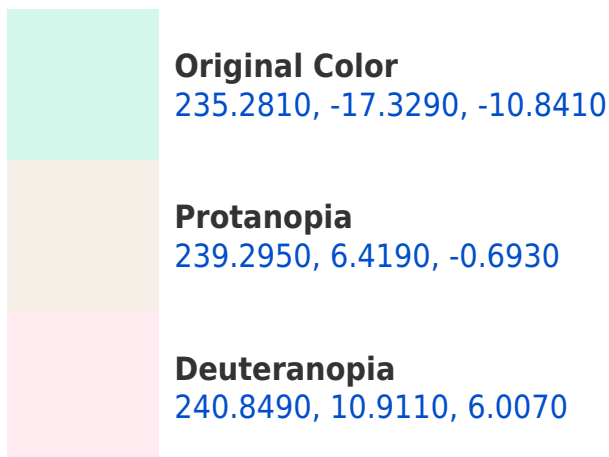
This preview shows how white text looks on a background with the YIQ color 235.2810, -17.3290, -10.8410.

-10.8410.

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

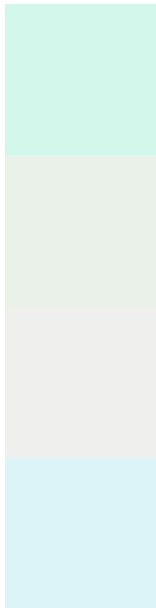




Tritanopia

238.1000, -14.9010, 0.2270

Trichromacy



Original Color

235.2810, -17.3290, -10.8410

Protanomaly

237.6960, -2.2000, -4.1840

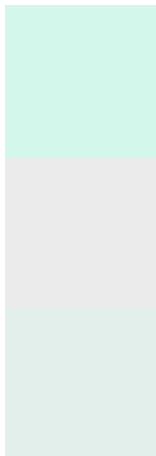
Deuteranomaly

238.8860, 0.3210, -0.3110

Tritanomaly

237.2800, -15.5880, -3.8440

Monochromacy



Original Color

235.2810, -17.3290, -10.8410

Achromatopsia

235.0000, 0.0000, -0.0000

Achromatomaly

234.9560, -5.8680, -3.7880

CSS Examples

Text

The CSS property to change the color of the text to YIQ 235.2810, -17.3290, -10.8410 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, 247, 236)` looks like.

```
.text, #text, p{  
    color:rgb(212, 247, 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(212, 247, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 247, 236) }
```

Border

The CSS property to change the border of an element to YIQ 235.2810, -17.3290, -10.8410 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, 247, 236) }
```


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

```
.border{ border-color:rgb(212, 247, 236) }
```

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

Here you see how a box with a 4 pixel rgb(212, 247, 236) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 247, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 247, 236);  
box-shadow:4px 4px 4px 4px rgb(212, 247,  
236) }
```

Background

The CSS property to change the background color of an element to YIQ 235.2810, -17.3290, -10.8410 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 247, 236) }
```

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

```
.background{ background-color: rgb(212,  
247, 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](#).

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