

Converting Colors

YIQ(233.3000, -10.3130,
-16.8490)

Have a look what the booklet for
YIQ(233.3000, -10.3130, -16.8490)
contains.

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Color

**YIQ(233.3000, -10.3130,
-16.8490)**

Conversions

Conversions Part 1

Format	Color
Hex	D5F7D8
RGB	213, 247, 216
RGB Percent	84%, 97%, 85%
CMY	0.1648, 0.0313, 0.1530
CMYK	0.14, 0.00, 0.13, 0.03
HSL	125°, 68%, 90%
HSV	125°, 14%, 97%
XYZ	73.0924, 85.6302, 77.6387
YIQ	233.3000, -10.3130, -16.8490

Conversions

Conversions Part 2

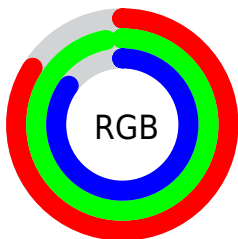
Format	Color
R _Y B	213, 244, 247
Decimal	14022616
CIE Lab	94.15, -16.71, 11.24
CIE LCh	94, 20.144, 146.073
Yxy	85.6302, 0.3092, 0.3623
Android (android.graphics.Color)	4292212696 (0xFFD5F7D8)
YUV	233.3000, -8.5289, -17.8031
Hunter-Lab	92.5366, -20.9462, 15.0310

Details

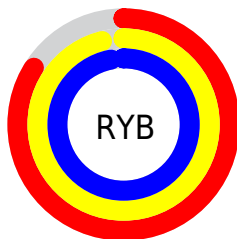
The YIQ color $233.3000, -10.3130, -16.8490$ is a light color, and the websafe version is hex $CCFFCC$. A complement of this color would be $226.7000, 10.3130, 16.8490$, and the grayscale version is $233.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $177.7130, -10.0380, -16.3260$ is the 20% darker color. If you saturate the color by 10%, you get $223.2030, -17.8300, -29.3020$, and if you desaturate by 10%, it is $243.3970, -2.7960, -4.3960$.

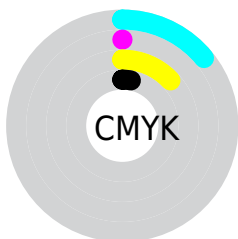
Distribution



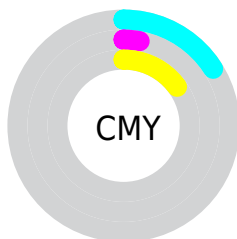
- Red (84%)
- Green (97%)
- Blue (85%)



- Red (84%)
- Yellow (96%)
- Blue (97%)



- Cyan (14%)
- Magenta (0%)
- Yellow (13%)
- Black (3%)



- Cyan (16%)
- Magenta (3%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 233.3000, -10.3130, -16.8490 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 233.3000, -10.3130, -16.8490 by changing the saturation by 10% instead.

■ 233.3000,
-10.3130, -16.8490

■ 233.3000,
-10.3130, -16.8490

255.0000, -0.0000,
-0.0000

■ 204.7130,
-10.0380, -16.3260

■ 177.7130,
-10.0380, -16.3260

■ 150.5390, -9.4880,
-15.2800

■ 124.6530, -9.8090,
-14.9690

■ 99.9520, -9.2130,
-14.7570

■ 75.4790, -9.2590,
-13.9230

■ 52.5930, -9.5800,

-13.6120

■ 30.5330, -9.3510,
-12.2550

■ 13.5010, -6.3250,
-12.0290

■ 233.3000,
-10.3130, -16.8490

■ 233.3000,
-10.3130, -16.8490

■ 223.2030,
-17.8300, -29.3020

■ 243.3970, -2.7960,
-4.3960

■ 213.5190,
-25.0720, -41.2320

■ 250.3040, 2.2000,
4.1840

■ 203.4220,
-32.5890, -53.6850

■ 193.4390,
-40.4270, -65.8270

■ 183.3420,
-47.9440, -78.2800

■ 173.6580,
-55.1860, -90.2100

■ 163.5610,
-62.7030, -102.6630

■ 153.5780,
-70.5410, -114.8050

■ 147.4970,
-74.9870, -122.3390

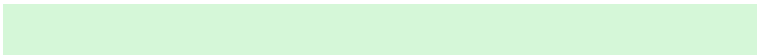
Harmonies

Analogous

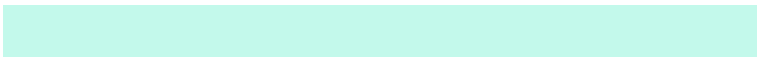
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



235.4610, 8.3470, -13.6130



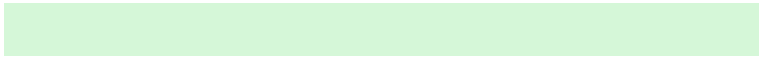
233.3000, -10.3130, -16.8490



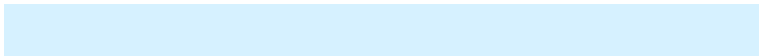
231.2580, -27.6900, -15.8020

Triad

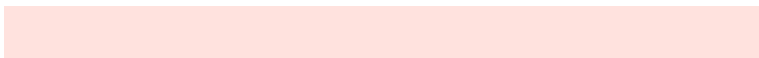
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



233.3000, -10.3130, -16.8490



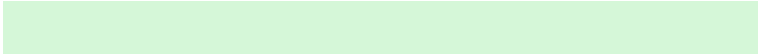
234.5230, -20.5860, -1.3700



234.2150, 18.5680, 4.9040

Complementary

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



233.3000, -10.3130, -16.8490



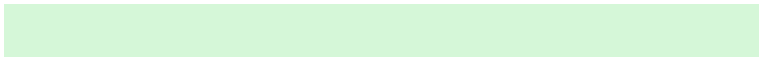
226.7000, 10.3130, 16.8490

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.



235.9080, 12.4230, 11.6470



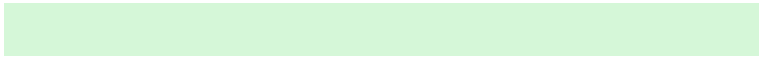
233.3000, -10.3130, -16.8490



237.8890, -3.7610, 7.5910

Square

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



233.3000, -10.3130, -16.8490



231.4780, -33.8810, -8.2250



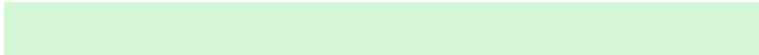
239.1510, 7.4250, 14.1210



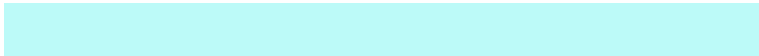
234.8530, 22.2830, -1.8530

Rectangle

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



233.3000, -10.3130, -16.8490



231.2340, -36.3100, -13.7660



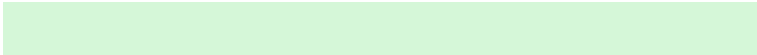
239.1510, 7.4250, 14.1210



234.3120, 16.9170, 7.2930

Sweetspot

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



233.3000, -10.3130, -16.8490



250.9840, -3.0710, -4.9190



242.2270, 9.1260, -11.2100



125.2230, -2.2460, -3.3500



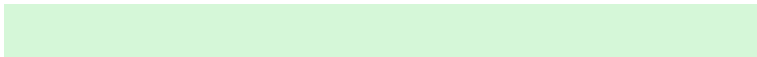
0.0000, 0.0000, 0.0000



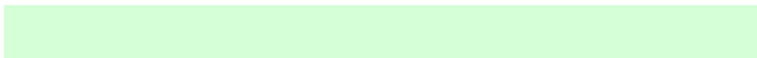
128.0000, -0.0000, -0.0000

Same Dimension

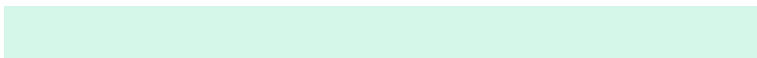
The Same Dimension uses a secret algorithm to generate beautiful new colors.



233.3000, -10.3130, -16.8490



237.5830, -12.7880, -21.5560



235.2380, -15.7700, -11.5620



117.1580, -3.6210, -5.9650



111.1200, -56.6070, -91.9910



35.2030, -17.8300, -29.3020

Inverse Universe

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



226.7000, 10.3130, 16.8490



229.3030, 13.1090, 21.2450



224.7620, 15.7700, 11.5620



114.8420, 3.6210, 5.9650



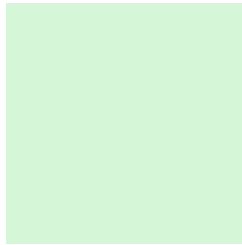
74.9940, 56.2860, 92.3020



23.6830, 18.1510, 28.9910

Previews

White Background



This preview shows how the YIQ color 233.3000, -10.3130, -16.8490 looks on a white background.

Color Contrast Check

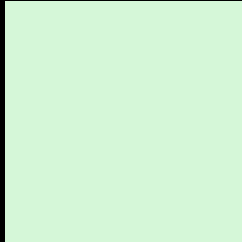
Large Text (above 18pt) WCAG AA × Fail

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 233.3000, -10.3130, -16.8490 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

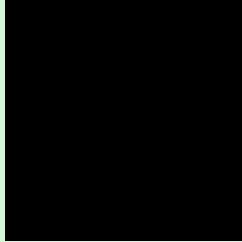
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

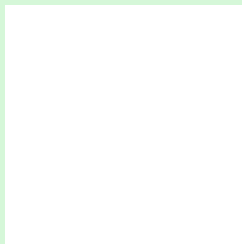
Any Text WCAG AAA ✓ Pass

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

YIQ 233.3000, -10.3130, -16.8490 Background



This preview shows how black text looks on a background with the YIQ color 233.3000, -10.3130, -16.8490.



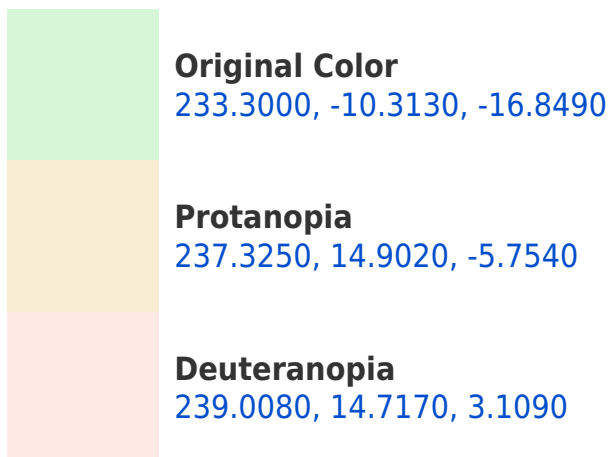
This preview shows how white text looks on a background with the YIQ color 233.3000, -10.3130, -16.8490.

-16.8490.

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

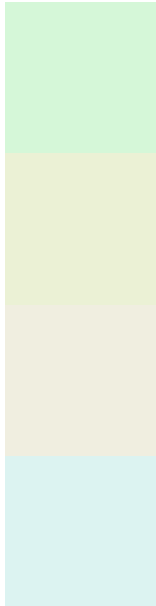




Tritanopia

236.9260, -14.3510, 1.2730

Trichromacy



Original Color

233.3000, -10.3130, -16.8490

Protanomaly

236.0140, 5.4120, -9.9800

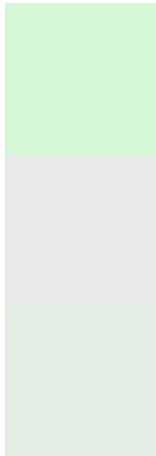
Deuteranomaly

237.0020, 5.6860, -3.9300

Tritanomaly

235.8950, -13.0660, -5.4980

Monochromacy



Original Color

233.3000, -10.3130, -16.8490

Achromatopsia

233.0000, -0.0000, -0.0000

Achromatomaly

233.1580, -3.6210, -5.9650

CSS Examples

Text

The CSS property to change the color of the text to YIQ 233.3000, -10.3130, -16.8490 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(213, 247, 216)` looks like.

```
.text, #text, p{  
    color:rgb(213, 247, 216)  
}
```

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(213, 247, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 247, 216) }
```

Border

The CSS property to change the border of an element to YIQ 233.3000, -10.3130, -16.8490 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(213, 247, 216) }
```


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

```
.border{ border-color:rgb(213, 247, 216) }
```

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

Here you see how a box with a 4 pixel rgb(213, 247, 216) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 247, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 247, 216);  
box-shadow:4px 4px 4px 4px rgb(213, 247,  
216) }
```

Background

The CSS property to change the background color of an element to YIQ 233.3000, -10.3130, -16.8490 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 247, 216) }
```

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

```
.background{ background-color: rgb(213,  
247, 216) }
```

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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