

Converting Colors

YIQ(229.3830, -0.1810,
-13.2450)

Have a look what the booklet for
YIQ(229.3830, -0.1810, -13.2450)
contains.

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Color

**YIQ(229.3830, -0.1810,
-13.2450)**

Conversions

Conversions Part 1

Format	Color
Hex	DDEECF
RGB	221, 238, 207
RGB Percent	87%, 93%, 81%
CMY	0.1334, 0.0666, 0.1882
CMYK	0.07, 0.00, 0.13, 0.07
HSL	93°, 48%, 87%
HSV	93°, 13%, 93%
XYZ	71.6540, 81.0282, 70.8987
YIQ	229.3830, -0.1810, -13.2450

Conversions

Conversions Part 2

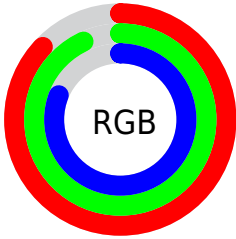
Format	Color
RYB	207, 238, 224
Decimal	14544591
CIELab	92.14, -11.08, 13.11
CIELCh	92, 17.160, 130.204
Yxy	81.0282, 0.3205, 0.3624
Android (android.graphics.Color)	4292734671 (0xFFDDEECF)
YUV	229.3830, -11.0348, -7.3519
Hunter-Lab	90.0157, -15.4385, 16.3126

Details

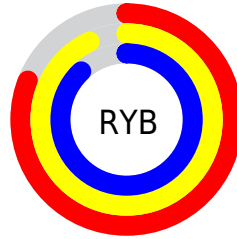
The YIQ color $229.3830, -0.1810, -13.2450$ is a light color, and the websafe version is hex $FFFFCC$. A complement of this color would be $215.6170, 0.1810, 13.2450$, and the grayscale version is $229.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $173.9100, -0.2270, -12.4110$ is the 20% darker color. If you saturate the color by 10%, you get $222.7600, -0.2250, -23.4650$, and if you desaturate by 10%, it is $236.0060, -0.1370, -3.0250$.

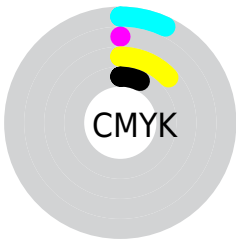
Distribution



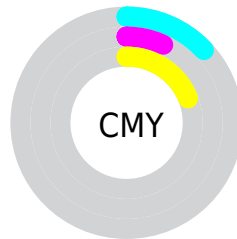
- Red (87%)
- Green (93%)
- Blue (81%)



- Red (81%)
- Yellow (93%)
- Blue (88%)



- Cyan (7%)
- Magenta (0%)
- Yellow (13%)
- Black (7%)



- Cyan (13%)
- Magenta (7%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 229.3830, -0.1810, -13.2450 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 229.3830, -0.1810, -13.2450 by changing the saturation by 10% instead.

■ 229.3830, -0.1810,
-13.2450

■ 229.3830, -0.1810,
-13.2450

255.0000, -0.0000,
-0.0000

■ 201.3830, -0.1810,
-13.2450

■ 173.9100, -0.2270,
-12.4110

■ 147.0240, -0.5480,
-12.1000

■ 121.4370, -0.2730,
-11.5770

■ 96.5510, -0.5940,
-11.2660

■ 72.9640, -0.3190,
-10.7430

■ 50.0780, -0.6400,

-10.4320

■ 28.6760, 0.5520,
-10.0080

■ 8.2180, -3.8500,
-7.3220

■ 229.3830, -0.1810,
-13.2450

■ 229.3830, -0.1810,
-13.2450

■ 222.7600, -0.2250,
-23.4650

■ 236.0060, -0.1370,
-3.0250

■ 216.1370, -0.2690,
-33.6850

■ 242.6290, -0.0930,
7.1950

■ 209.6280, -0.6340,
-43.5940

■ 245.0210, 4.6750,
8.8910

■ 203.0050, -0.6780,
-53.8140

■ 196.3820, -0.7220,
-64.0340

■ 189.7590, -0.7660,
-74.2540

■ 182.8370, -1.4060,
-84.6860

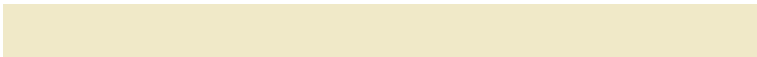
■ 176.3280, -1.7710,
-94.5950

■ 171.6990, -1.6780,
-101.7900

Harmonies

Analogous

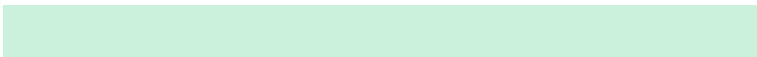
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



231.3310, 14.7650, -8.7790



229.3830, -0.1810, -13.2450



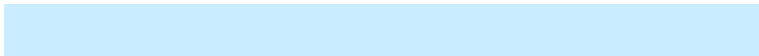
227.3580, -16.2280, -14.2760

Triad

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



229.3830, -0.1810, -13.2450



228.5870, -26.6380, -1.8220



231.8500, 18.3380, 9.0740

Complementary

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



229.3830, -0.1810, -13.2450



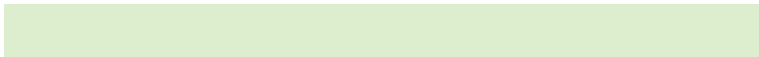
215.6170, 0.1810, 13.2450

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.



234.3750, 12.6060, 13.8380



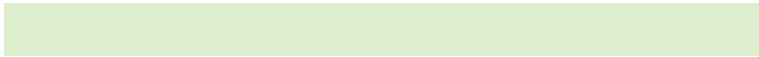
229.3830, -0.1810, -13.2450



231.6320, -13.3430, 5.0330

Square

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



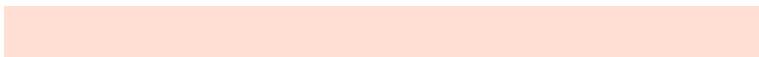
229.3830, -0.1810, -13.2450



227.4180, -33.6520, -6.8680



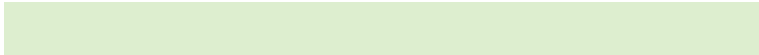
234.3890, 0.8230, 12.6230



231.3140, 22.6030, 3.3630

Rectangle

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



229.3830, -0.1810, -13.2450



226.8070, -24.8020, -13.0740



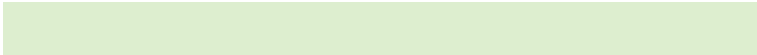
234.3890, 0.8230, 12.6230



232.5340, 16.4120, 10.9400

Sweetspot

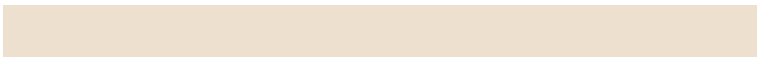
The Sweet Spot groups the original color and five complimentary colors.



229.3830, -0.1810, -13.2450



252.0660, -0.3660, -4.3820



226.2480, 13.8010, -2.3190



126.0060, -0.1370, -3.0250



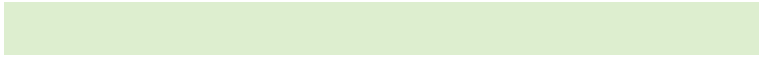
0.0000, 0.0000, 0.0000



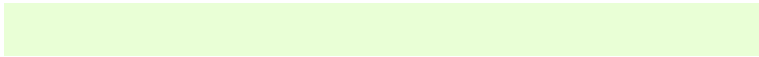
128.0000, -0.0000, -0.0000

Same Dimension

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



229.3830, -0.1810, -13.2450



243.7480, 0.0490, -17.4150



225.3110, -8.8460, -15.9020



116.5390, -0.3200, -5.2160



132.8250, -1.1320, -78.6360



40.3470, -0.5000, -23.9880

Inverse Universe

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



215.6170, 0.1810, 13.2450



225.5510, 0.5470, 17.6270



219.6890, 8.8460, 15.9020



111.1620, -0.2760, 5.0040



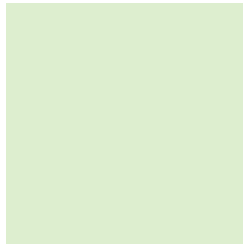
51.1750, 1.1320, 78.6360



15.6530, 0.5000, 23.9880

Previews

White Background



This preview shows how the YIQ color 229.3830, -0.1810, -13.2450 looks on a white background.

Color Contrast Check

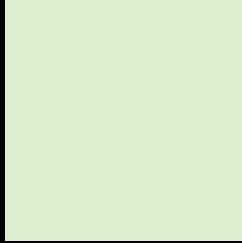
Large Text (above 18pt) WCAG AA × Fail

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 229.3830, -0.1810, -13.2450 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

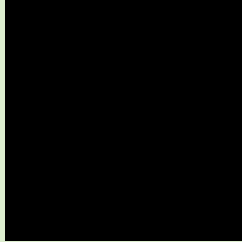
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

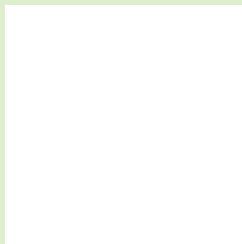
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 229.3830, -0.1810, -13.2450

Background



This preview shows how black text looks on a background with the YIQ color 229.3830, -0.1810, -13.2450.



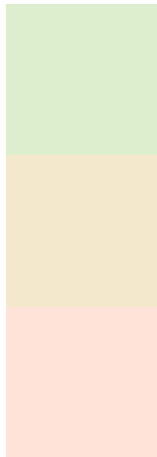
This preview shows how white text looks on a background with the YIQ color 229.3830, -0.1810,

-13.2450.

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

229.3830, -0.1810, -13.2450

Protanopia

232.0970, 15.5440, -6.3760

Deuteranopia

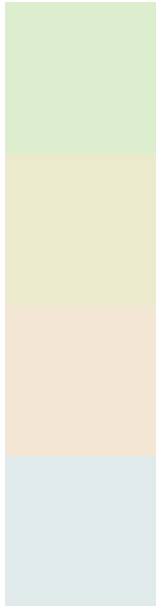
233.5310, 20.4940, 3.0380



Tritanopia

232.8560, -8.1620, 4.7500

Trichromacy



Original Color

229.3830, -0.1810, -13.2450

Protanomaly

230.9930, 9.9050, -8.8070

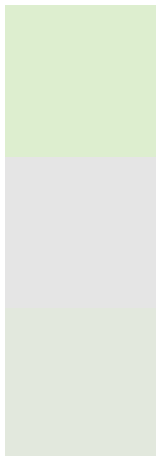
Deuteranomaly

231.9490, 13.2050, -2.5310

Tritanomaly

231.3090, -5.3640, -1.9080

Monochromacy



Original Color

229.3830, -0.1810, -13.2450

Achromatopsia

229.0000, -0.0000, -0.0000

Achromatomaly

228.9520, -0.0450, -4.6930

CSS Examples

Text

The CSS property to change the color of the text to YIQ 229.3830, -0.1810, -13.2450 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(221, 238, 207)` looks like.

```
.text, #text, p{  
    color:rgb(221, 238, 207)  
}
```

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(221, 238, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 238, 207) }
```

Border

The CSS property to change the border of an element to YIQ 229.3830, -0.1810, -13.2450 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(221, 238, 207) }
```


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

```
.border{ border-color:rgb(221, 238, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 238, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 238, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 238, 207);  
box-shadow:4px 4px 4px 4px rgb(221, 238,  
207) }
```

Background

The CSS property to change the background color of an element to YIQ 229.3830, -0.1810, -13.2450 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 238, 207) }
```

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

```
.background{ background-color: rgb(221,  
238, 207) }
```

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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