

Converting Colors

YIQ(230.1280, -4.0770,
-19.7330)

Have a look what the booklet for
YIQ(230.1280, -4.0770, -19.7330)
contains.

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Color

**YIQ(230.1280, -4.0770,
-19.7330)**

Conversions

Conversions Part 1

Format	Color
Hex	D6F4C9
RGB	214, 244, 201
RGB Percent	84%, 96%, 79%
CMY	0.1609, 0.0431, 0.2117
CMYK	0.12, 0.00, 0.18, 0.04
HSL	102°, 66%, 87%
HSV	102°, 18%, 96%
XYZ	70.6218, 83.2185, 67.6016
YIQ	230.1280, -4.0770, -19.7330

Conversions

Conversions Part 2

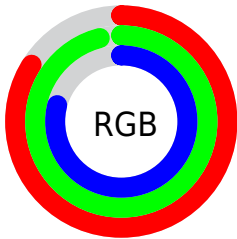
Format	Color
R _Y B	201, 244, 231
Decimal	14087369
CIE Lab	93.11, -17.44, 17.50
CIE LCh	93, 24.704, 134.892
Yxy	83.2185, 0.3189, 0.3758
Android (android.graphics.Color)	4292277449 (0xFFD6F4C9)
YUV	230.1280, -14.3601, -14.1443
Hunter-Lab	91.2242, -21.4553, 19.9201

Details

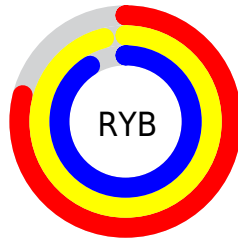
The YIQ color $230.1280, -4.0770, -19.7330$ is a light color, and the websafe version is hex $CCFFCC$. A complement of this color would be $214.8720, 4.0770, 19.7330$, and the grayscale version is $230.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $174.6550, -4.1230, -18.8990$ is the 20% darker color. If you saturate the color by 10%, you get $222.3090, -6.5050, -30.8010$, and if you desaturate by 10%, it is $237.9470, -1.6490, -8.6650$.

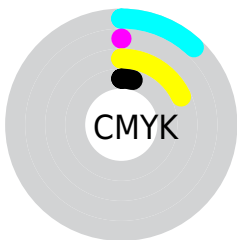
Distribution



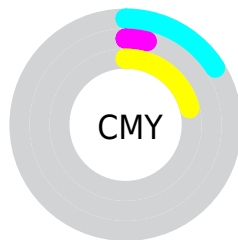
- Red (84%)
- Green (96%)
- Blue (79%)



- Red (79%)
- Yellow (96%)
- Blue (91%)



- Cyan (12%)
- Magenta (0%)
- Yellow (18%)
- Black (4%)



- Cyan (16%)
- Magenta (4%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 230.1280, -4.0770, -19.7330 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 230.1280, -4.0770, -19.7330 by changing the saturation by 10% instead.

■ 230.1280, -4.0770,
-19.7330

■ 230.1280, -4.0770,
-19.7330

255.0000, -0.0000,
-0.0000

■ 202.2420, -4.3980,
-19.4220

■ 174.6550, -4.1230,
-18.8990

■ 148.0680, -3.8480,
-18.3760

■ 121.5950, -3.8940,
-17.5420

■ 96.7090, -4.2150,
-17.2310

■ 73.1220, -3.9400,
-16.7080

■ 49.7630, -4.3070,

-15.5630

■ 28.1330, -2.4730,
-15.7610

■ 11.1530, -5.2250,
-9.9370

■ 230.1280, -4.0770,
-19.7330

■ 230.1280, -4.0770,
-19.7330

■ 222.3090, -6.5050,
-30.8010

■ 237.9470, -1.6490,
-8.6650

■ 214.3760, -8.6120,
-42.1800

■ 245.8800, 0.4580,
2.7140

■ 206.5570,
-11.0400, -53.2480

■ 248.5430, 3.0250,
5.7530

■ 198.6240,
-13.1470, -64.6270

■ 190.8050,
-15.5750, -75.6950

■ 182.9860,
-18.0030, -86.7630

■ 175.0530,
-20.1100, -98.1420

■ 167.2340,
-22.5380, -109.2100

■ 165.3540,
-22.9960, -111.9240

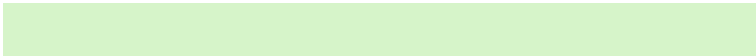
Harmonies

Analogous

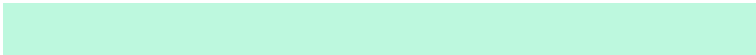
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



232.7240, 17.7920, -14.0800



230.1280, -4.0770, -19.7330



227.3950, -26.8180, -20.5940

Triad

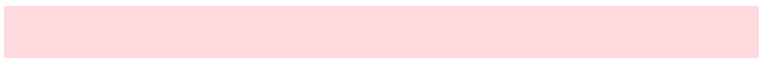
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



230.1280, -4.0770, -19.7330



228.2440, -33.1020, -5.8220



230.3340, 19.8510, 9.1870

Complementary

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



230.1280, -4.0770, -19.7330



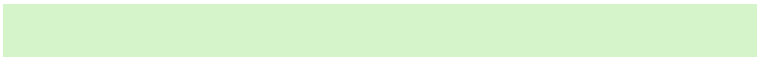
214.8720, 4.0770, 19.7330

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.



233.6570, 11.8720, 16.1280



230.1280, -4.0770, -19.7330



232.8170, -12.4260, 4.9340

Square

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



230.1280, -4.0770, -19.7330



225.7860, -46.6720, -13.2000



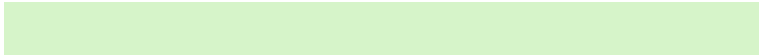
237.0910, 7.6540, 15.4780



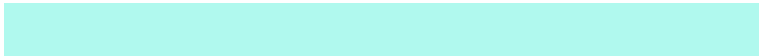
229.7010, 25.7670, 1.0870

Rectangle

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



230.1280, -4.0770, -19.7330



225.9190, -39.9770, -18.8970



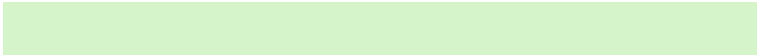
237.0910, 7.6540, 15.4780



230.6590, 17.5580, 12.1980

Sweetspot

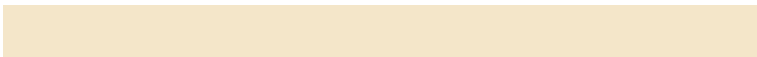
The Sweet Spot groups the original color and five complimentary colors.



230.1280, -4.0770, -19.7330



250.8270, -1.1910, -5.9510



230.8800, 17.6530, -6.0510



125.2940, -1.0080, -3.7600



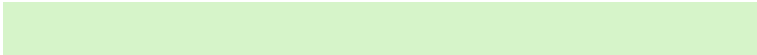
0.0000, 0.0000, 0.0000



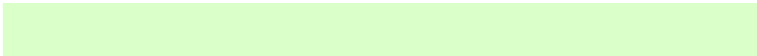
128.0000, -0.0000, -0.0000

Same Dimension

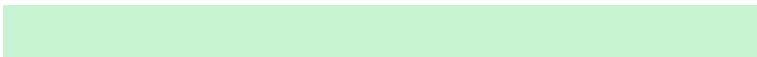
The Same Dimension uses a secret algorithm to generate beautiful new colors.



230.1280, -4.0770, -19.7330



237.7810, -4.7180, -24.6380



227.1530, -14.3930, -20.0010



118.2400, -0.9160, -5.4280



125.9260, -17.7740, -85.4060



40.0150, -5.4970, -27.0410

Inverse Universe

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



214.8720, 4.0770, 19.7330



218.5180, 5.3140, 24.8500



217.8470, 14.3930, 20.0010



114.0590, 1.5120, 5.6400



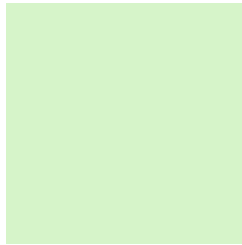
60.0740, 17.7740, 85.4060



18.9850, 5.4970, 27.0410

Previews

White Background



This preview shows how the YIQ color 230.1280, -4.0770, -19.7330 looks on a white background.

Color Contrast Check

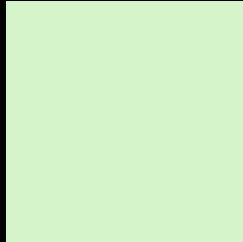
Large Text (above 18pt) WCAG AA × Fail

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 230.1280, -4.0770, -19.7330 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

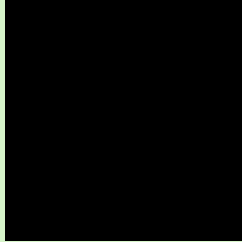
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

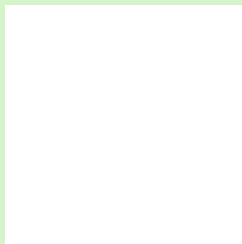
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 230.1280, -4.0770, -19.7330

Background



This preview shows how black text looks on a background with the YIQ color 230.1280, -4.0770, -19.7330.



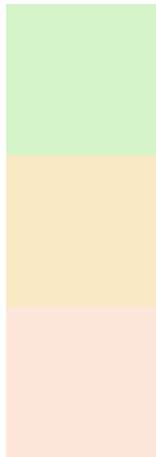
This preview shows how white text looks on a background with the YIQ color 230.1280, -4.0770,

-19.7330.

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

230.1280, -4.0770, -19.7330

Protanopia

233.8540, 20.5420, -8.8500

Deuteranopia

236.1070, 18.7520, 1.5680



Tritanopia

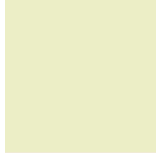
234.2790, -13.8470, 3.1530

Trichromacy



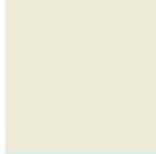
Original Color

230.1280, -4.0770, -19.7330



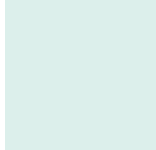
Protanomaly

232.8420, 11.6480, -12.8640



Deuteranomaly

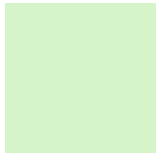
233.8730, 10.3630, -6.0930



Tritanomaly

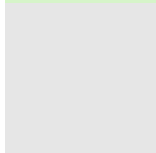
232.8630, -10.0400, -5.2720

Monochromacy



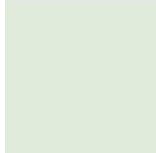
Original Color

230.1280, -4.0770, -19.7330



Achromatopsia

230.0000, -0.0000, 0.0000



Achromatomaly

229.8870, -1.4200, -7.3080

CSS Examples

Text

The CSS property to change the color of the text to YIQ 230.1280, -4.0770, -19.7330 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(214, 244, 201)` looks like.

```
.text, #text, p{  
    color:rgb(214, 244, 201)  
}
```

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(214, 244, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 244, 201) }
```

Border

The CSS property to change the border of an element to YIQ 230.1280, -4.0770, -19.7330 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(214, 244, 201) }
```


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

```
.border{ border-color:rgb(214, 244, 201) }
```

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

Here you see how a box with a 4 pixel rgb(214, 244, 201) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 244, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 244, 201);  
box-shadow:4px 4px 4px 4px rgb(214, 244,  
201) }
```

Background

The CSS property to change the background color of an element to YIQ 230.1280, -4.0770, -19.7330 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 244, 201) }
```

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

```
.background{ background-color: rgb(214,  
244, 201) }
```

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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