

Converting Colors

YIQ(229.1820, -4.1690,
-18.0650)

Have a look what the booklet for
YIQ(229.1820, -4.1690, -18.0650)
contains.

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Color

**YIQ(229.1820, -4.1690,
-18.0650)**

Conversions

Conversions Part 1

Format	Color
Hex	D6F2CB
RGB	214, 242, 203
RGB Percent	84%, 95%, 80%
CMY	0.1609, 0.0509, 0.2039
CMYK	0.12, 0.00, 0.16, 0.05
HSL	103°, 60%, 87%
HSV	103°, 16%, 95%
XYZ	70.2603, 82.1158, 68.6489
YIQ	229.1820, -4.1690, -18.0650

Conversions

Conversions Part 2

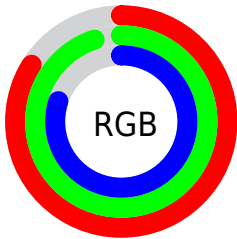
Format	Color
R _Y B	203, 242, 231
Decimal	14086859
CIE Lab	92.63, -16.12, 15.79
CIE LCh	93, 22.567, 135.598
Yxy	82.1158, 0.3179, 0.3715
Android (android.graphics.Color)	4292276939 (0xFFD6F2CB)
YUV	229.1820, -12.9077, -13.3146
Hunter-Lab	90.6178, -20.1815, 18.5164

Details

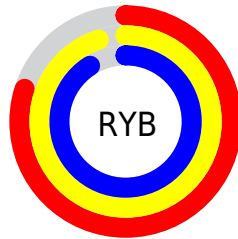
The YIQ color $229.1820, -4.1690, -18.0650$ is a light color, and the websafe version is hex $CCFFCC$. A complement of this color would be $215.8180, 4.1690, 18.0650$, and the grayscale version is $229.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $173.7090, -4.2150, -17.2310$ is the 20% darker color. If you saturate the color by 10%, you get $221.3630, -6.5970, -29.1330$, and if you desaturate by 10%, it is $237.0010, -1.7410, -6.9970$.

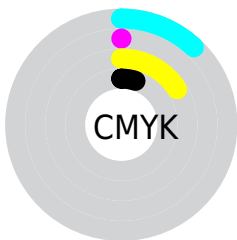
Distribution



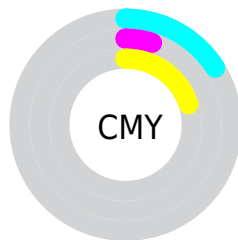
- Red (84%)
- Green (95%)
- Blue (80%)



- Red (80%)
- Yellow (95%)
- Blue (91%)



- Cyan (12%)
- Magenta (0%)
- Yellow (16%)
- Black (5%)



- Cyan (16%)
- Magenta (5%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 229.1820, -4.1690, -18.0650 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 229.1820, -4.1690, -18.0650 by changing the saturation by 10% instead.

■ 229.1820, -4.1690,
-18.0650

■ 229.1820, -4.1690,
-18.0650

255.0000, -0.0000,
-0.0000

■ 201.2960, -4.4900,
-17.7540

■ 173.7090, -4.2150,
-17.2310

■ 147.1220, -3.9400,
-16.7080

■ 121.2360, -4.2610,
-16.3970

■ 96.0620, -3.7110,
-15.3510

■ 72.1760, -4.0320,
-15.0400

■ 49.7030, -4.0780,

-14.2060

■ 27.7740, -2.8400,
-14.6160

■ 9.9790, -4.6750,
-8.8910

■ 229.1820, -4.1690,
-18.0650

■ 229.1820, -4.1690,
-18.0650

■ 221.3630, -6.5970,
-29.1330

■ 237.0010, -1.7410,
-6.9970

■ 213.2450, -9.6210,
-40.4130

■ 245.1190, 1.2830,
4.2830

■ 205.3120,
-11.7280, -51.7920

■ 247.3690, 3.5750,
6.7990

■ 197.1940,
-14.7520, -63.0720

■ 189.3750,
-17.1800, -74.1400

■ 181.5560,
-19.6080, -85.2080

■ 173.4380,
-22.6320, -96.4880

■ 165.5050,
-24.7390, -107.8670

■ 162.3860,
-26.0220, -112.1500

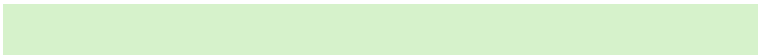
Harmonies

Analogous

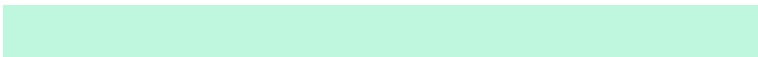
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



231.8810, 15.9120, -13.0480



229.1820, -4.1690, -18.0650



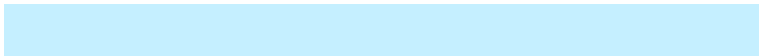
226.8190, -25.0760, -19.1240

Triad

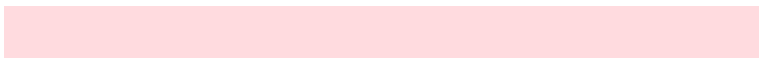
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



229.1820, -4.1690, -18.0650



228.2660, -30.1680, -3.9280



230.2200, 20.1720, 8.8760

Complementary

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



229.1820, -4.1690, -18.0650



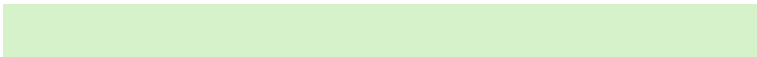
215.8180, 4.1690, 18.0650

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.



233.3150, 12.8350, 15.1950



229.1820, -4.1690, -18.0650



232.2300, -12.1510, 5.4570

Square

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



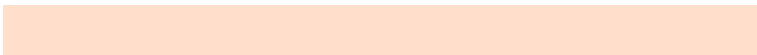
229.1820, -4.1690, -18.0650



225.8190, -42.2710, -10.3590



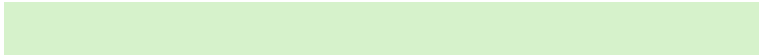
236.1940, 5.8660, 14.8420



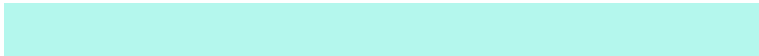
229.8150, 25.4460, 1.3980

Rectangle

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



229.1820, -4.1690, -18.0650



225.8270, -36.7220, -17.3140



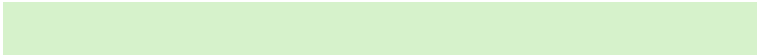
236.1940, 5.8660, 14.8420



231.0180, 17.9250, 11.0530

Sweetspot

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



229.1820, -4.1690, -18.0650



250.8270, -1.1910, -5.9510



231.0970, 15.5440, -6.3760



125.2940, -1.0080, -3.7600



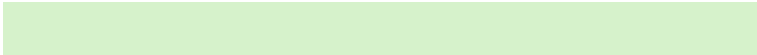
0.0000, 0.0000, 0.0000



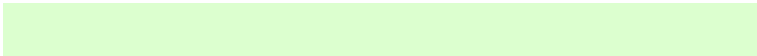
128.0000, -0.0000, -0.0000

Same Dimension

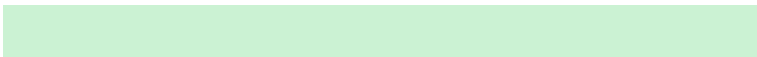
The Same Dimension uses a secret algorithm to generate beautiful new colors.



229.1820, -4.1690, -18.0650



239.0630, -5.4520, -22.3480



226.8050, -13.2930, -17.9090



115.9410, -1.5120, -5.6400



123.5560, -19.6080, -85.2080



37.6560, -5.8640, -25.8960

Inverse Universe

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



215.8180, 4.1690, 18.0650



222.6380, 4.8560, 22.1360



218.1950, 13.2930, 17.9090



111.7600, 0.9160, 5.4280



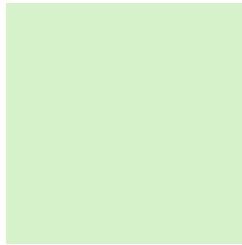
60.4440, 19.6080, 85.2080



18.3440, 5.8640, 25.8960

Previews

White Background



This preview shows how the YIQ color 229.1820, -4.1690, -18.0650 looks on a white background.

Color Contrast Check

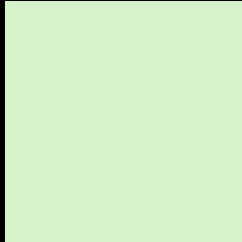
Large Text (above 18pt) WCAG AA × Fail

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 229.1820, -4.1690, -18.0650 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

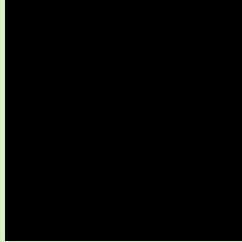
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

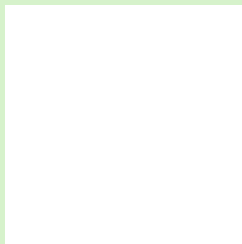
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 229.1820, -4.1690, -18.0650

Background



This preview shows how black text looks on a background with the YIQ color 229.1820, -4.1690, -18.0650.



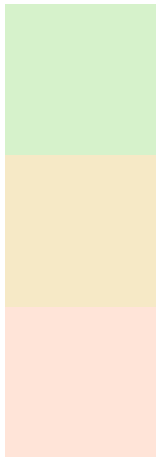
This preview shows how white text looks on a background with the YIQ color 229.1820, -4.1690,

-18.0650.

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**

229.1820, -4.1690, -18.0650

Protanopia

232.8970, 18.9830, -8.1290

Deuteranopia

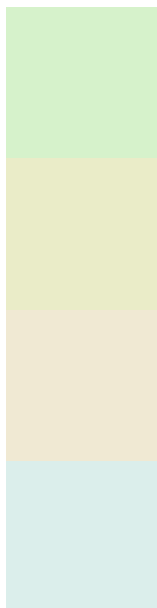
234.7050, 19.9440, 1.9920



Tritanopia

233.2790, -13.8470, 3.1530

Trichromacy



Original Color

229.1820, -4.1690, -18.0650

Protanomaly

231.2980, 10.3640, -11.6200

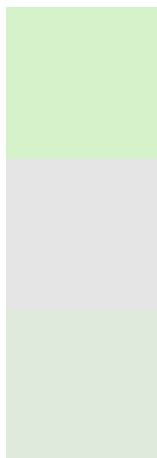
Deuteranomaly

232.5850, 11.2340, -5.3580

Tritanomaly

231.9770, -10.3610, -4.9610

Monochromacy



Original Color

229.1820, -4.1690, -18.0650

Achromatopsia

229.0000, -0.0000, -0.0000

Achromatomaly

229.4140, -1.4660, -6.4740

CSS Examples

Text

The CSS property to change the color of the text to YIQ 229.1820, -4.1690, -18.0650 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, 242, 203)` looks like.

```
.text, #text, p{  
    color:rgb(214, 242, 203)  
}
```

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, 242, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 242, 203) }
```

Border

The CSS property to change the border of an element to YIQ 229.1820, -4.1690, -18.0650 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, 242, 203) }
```


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

```
.border{ border-color:rgb(214, 242, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 242, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 242, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 242, 203);  
box-shadow:4px 4px 4px 4px rgb(214, 242,  
203) }
```

Background

The CSS property to change the background color of an element to YIQ 229.1820, -4.1690, -18.0650 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 242, 203) }
```

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

```
.background{ background-color: rgb(214,  
242, 203) }
```

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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