

Converting Colors

YIQ(222.1670, -8.9810,
-29.9810)

Have a look what the booklet for
YIQ(222.1670, -8.9810, -29.9810)
contains.

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Color

**YIQ(222.1670, -8.9810,
-29.9810)**

Conversions

Conversions Part 1

Format	Color
Hex	C3F4B5
RGB	195, 244, 181
RGB Percent	76%, 96%, 71%
CMY	0.2354, 0.0430, 0.2902
CMYK	0.20, 0.00, 0.26, 0.04
HSL	107°, 74%, 83%
HSV	107°, 26%, 96%
XYZ	63.1931, 79.6468, 55.7606
YIQ	222.1670, -8.9810, -29.9810

Conversions

Conversions Part 2

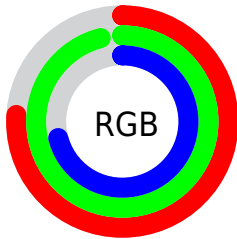
Format	Color
RYB	181, 244, 230
Decimal	12842165
CIELab	91.53, -27.08, 25.38
CIELCh	92, 37.112, 136.858
Yxy	79.6468, 0.3182, 0.4010
Android (android.graphics.Color)	4291032245 (0xFFC3F4B5)
YUV	222.1670, -20.2953, -23.8255
Hunter-Lab	89.2451, -29.7857, 25.4270

Details

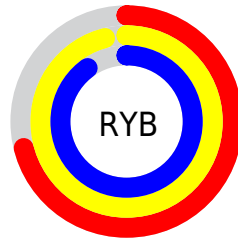
The YIQ color **222.1670, -8.9810, -29.9810** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **202.8330, 8.9810, 29.9810**, and the grayscale version is **222.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **252.0510, 3.9900, -6.2340**, and **166.8080, -9.3480, -28.8360** is the 20% darker color. If you saturate the color by 10%, you get **213.7500, -12.6010, -41.4730**, and if you desaturate by 10%, it is **230.5840, -5.3610, -18.4890**.

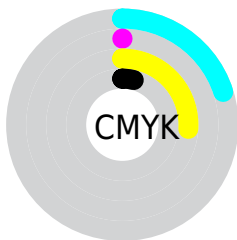
Distribution



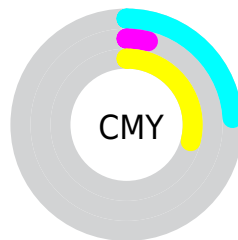
- Red (76%)
- Green (96%)
- Blue (71%)



- Red (71%)
- Yellow (96%)
- Blue (90%)



- Cyan (20%)
- Magenta (0%)
- Yellow (26%)
- Black (4%)





- Cyan (24%)
- Magenta (4%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 222.1670, -8.9810, -29.9810 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 222.1670, -8.9810, -29.9810 by changing the saturation by 10% instead.


 222.1670, -8.9810,
-29.9810

 222.1670, -8.9810,
-29.9810


255.0000, -0.0000,
-0.0000


 193.6940, -9.0270,
-29.1470


 252.0510, 3.9900,
-6.2340

 166.8080, -9.3480,
-28.8360

 139.6340, -8.7980,
-27.7900

 114.1610, -8.8440,
-26.9560

 89.2750, -9.1650,
-26.6450

 64.6170, -10.1280,
-25.7120

 40.1330, -11.6410,

-25.8250

■ 22.3060, -10.4500,
-19.8740

■ 5.8700, -2.7500,
-5.2300

■ 222.1670, -8.9810,
-29.9810

■ 222.1670, -8.9810,
-29.9810

■ 213.7500,
-12.6010, -41.4730

■ 230.5840, -5.3610,
-18.4890

■ 205.2190,
-15.9000, -53.2760

■ 239.1150, -2.0620,
-6.6860

■ 196.8020,
-19.5200, -64.7680

■ 247.5320, 1.5580,
4.8060

■ 188.2710,
-22.8190, -76.5710

■ 248.5430, 3.0250,
5.7530

■ 179.8540,
-26.4390, -88.0630

■ 171.4370,
-30.0590, -99.5550

■ 162.9060,
-33.3580, -111.3580

■ 159.3740,
-34.9160, -116.1640

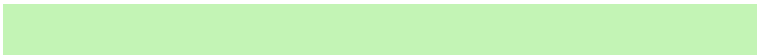
Harmonies

Analogous

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



226.6780, 23.4330, -22.7030



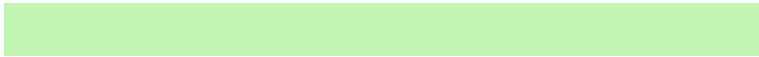
222.1670, -8.9810, -29.9810



216.4910, -45.0640, -31.3360

Triad

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



222.1670, -8.9810, -29.9810



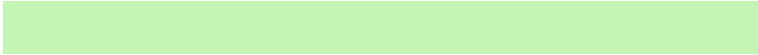
217.8010, -51.0280, -11.3480



220.7480, 27.5530, 12.7770

Complementary

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



222.1670, -8.9810, -29.9810



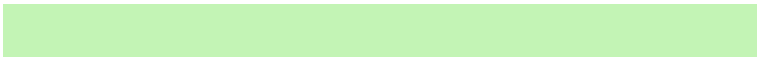
202.8330, 8.9810, 29.9810

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.



225.4390, 15.7220, 23.4500



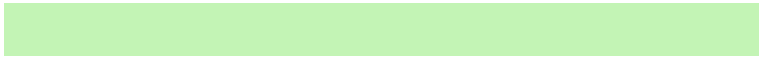
222.1670, -8.9810, -29.9810



226.3050, -16.7360, 5.9520

Square

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



222.1670, -8.9810, -29.9810



210.8360, -76.4720, -23.8000



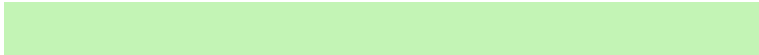
231.5200, 11.0000, 20.9200



221.2090, 35.9000, -0.8360

Rectangle

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



222.1670, -8.9810, -29.9810



213.3390, -67.9430, -29.6950



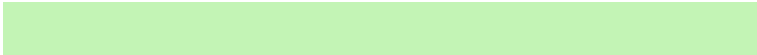
231.5200, 11.0000, 20.9200



221.5290, 23.9760, 17.0320

Sweetspot

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



222.1670, -8.9810, -29.9810



247.9360, -3.1160, -9.6120



228.0130, 24.3480, -11.7480



123.5280, -1.7870, -6.1630



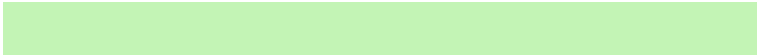
0.0000, 0.0000, 0.0000



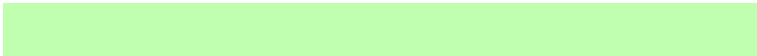
128.0000, -0.0000, -0.0000

Same Dimension

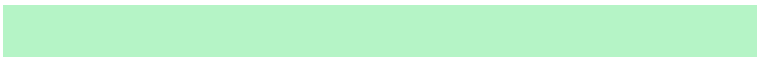
The Same Dimension uses a secret algorithm to generate beautiful new colors.



222.1670, -8.9810, -29.9810



227.4560, -11.5930, -37.7130



219.9190, -22.7820, -27.6620



117.9410, -1.5120, -5.6400



121.4410, -26.7140, -88.5860



38.5200, -8.4770, -28.1010

Inverse Universe

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



202.8330, 8.9810, 29.9810



203.2450, 10.9970, 37.5010



205.0810, 22.7820, 27.6620



114.3580, 2.1080, 5.8520



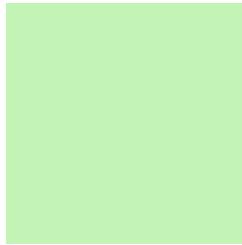
64.5590, 26.7140, 88.5860



20.4800, 8.4770, 28.1010

Previews

White Background



This preview shows how the YIQ color 222.1670, -8.9810, -29.9810 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 222.1670, -8.9810, -29.9810 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

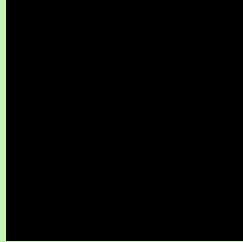
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 222.1670, -8.9810, -29.9810

Background



This preview shows how black text looks on a background with the YIQ color 222.1670, -8.9810, -29.9810.



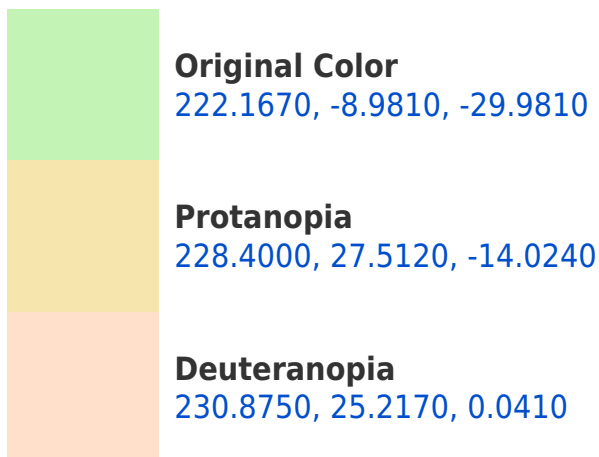
This preview shows how white text looks on a background with the YIQ color 222.1670, -8.9810, -29.9810.

-29.9810.

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

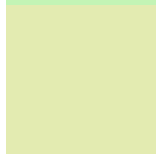
228.6800, -22.4660, -0.3380

Trichromacy



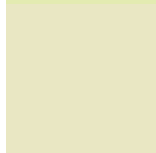
Original Color

222.1670, -8.9810, -29.9810



Protanomaly

225.9960, 13.8500, -19.7340



Deuteranomaly

227.4940, 12.7480, -10.7720



Tritanomaly

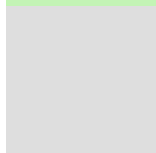
226.2810, -17.3290, -10.8410

Monochromacy



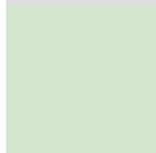
Original Color

222.1670, -8.9810, -29.9810



Achromatopsia

222.0000, -0.0000, 0.0000



Achromatomaly

221.9960, -3.3450, -10.9690

CSS Examples

Text

The CSS property to change the color of the text to YIQ 222.1670, -8.9810, -29.9810 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(195, 244, 181)` looks like.

```
.text, #text, p{  
    color:rgb(195, 244, 181)  
}
```

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(195, 244, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 244, 181) }
```

Border

The CSS property to change the border of an element to YIQ 222.1670, -8.9810, -29.9810 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(195, 244, 181) }
```


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

```
.border{ border-color:rgb(195, 244, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 244, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 244, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 244, 181);  
box-shadow:4px 4px 4px 4px rgb(195, 244,  
181) }
```

Background

The CSS property to change the background color of an element to YIQ 222.1670, -8.9810, -29.9810 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 244, 181) }
```

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

```
.background{ background-color: rgb(195,  
244, 181) }
```

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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