

Converting Colors

YIQ(228.8500, -9.1660,
-21.1180)

Have a look what the booklet for
YIQ(228.8500, -9.1660, -21.1180)
contains.

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Color

**YIQ(228.8500, -9.1660,
-21.1180)**

Conversions

Conversions Part 1

Format	Color
Hex	CFF5CB
RGB	207, 245, 203
RGB Percent	81%, 96%, 80%
CMY	0.1883, 0.0391, 0.2039
CMYK	0.16, 0.00, 0.17, 0.04
HSL	114°, 68%, 88%
HSV	114°, 17%, 96%
XYZ	69.1604, 82.8873, 68.8530
YIQ	228.8500, -9.1660, -21.1180

Conversions

Conversions Part 2

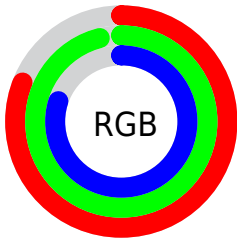
Format	Color
R _Y B	203, 245, 241
Decimal	13628875
CIE Lab	92.97, -19.96, 16.20
CIE LCh	93, 25.707, 140.923
Yxy	82.8873, 0.3131, 0.3752
Android (android.graphics.Color)	4291818955 (0xFFCFF5CB)
YUV	228.8500, -12.7440, -19.1624
Hunter-Lab	91.0425, -23.7268, 18.8903

Details

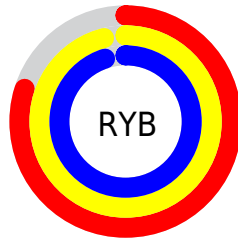
The YIQ color $228.8500, -9.1660, -21.1180$ is a light color, and the websafe version is hex $CCFFCC$. A complement of this color would be $219.1500, 9.1660, 21.1180$, and the grayscale version is $229.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $173.3770, -9.2120, -20.2840$ is the 20% darker color. If you saturate the color by 10%, you get $219.4220, -14.2530, -33.5570$, and if you desaturate by 10%, it is $238.2780, -4.0790, -8.6790$.

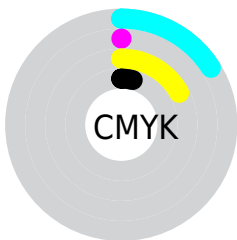
Distribution



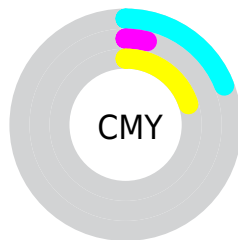
- Red (81%)
- Green (96%)
- Blue (80%)



- Red (80%)
- Yellow (96%)
- Blue (95%)



- Cyan (16%)
- Magenta (0%)
- Yellow (17%)
- Black (4%)



- Cyan (19%)
- Magenta (4%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 228.8500, -9.1660, -21.1180 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 228.8500, -9.1660, -21.1180 by changing the saturation by 10% instead.

■ 228.8500, -9.1660,
-21.1180

■ 228.8500, -9.1660,
-21.1180

255.0000, -0.0000,
-0.0000

■ 200.9640, -9.4870,
-20.8070

■ 173.3770, -9.2120,
-20.2840

■ 146.7900, -8.9370,
-19.7610

■ 120.6160, -8.3870,
-18.7150

■ 95.7300, -8.7080,
-18.4040

■ 71.2570, -8.7540,
-17.5700

■ 48.4850, -9.3960,

-16.9480

■ 26.5560, -8.1580,
-17.3580

■ 10.5660, -4.9500,
-9.4140

■ 228.8500, -9.1660,
-21.1180

■ 228.8500, -9.1660,
-21.1180

■ 219.4220,
-14.2530, -33.5570

■ 238.2780, -4.0790,
-8.6790

■ 210.1080,
-19.6610, -45.6850

■ 247.5920, 1.3290,
3.4490

■ 200.3810,
-25.3440, -58.3360

■ 249.1300, 2.7500,
5.2300

■ 191.0670,
-30.7520, -70.4640

■ 181.6390,
-35.8390, -82.9030

■ 172.3250,
-41.2470, -95.0310

■ 162.8970,
-46.3340, -107.4700

■ 153.2840,
-52.3380, -119.8100

■ 150.6920,
-53.6670, -123.2590

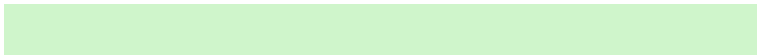
Harmonies

Analogous

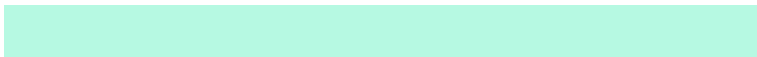
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



231.9900, 13.9870, -16.7090



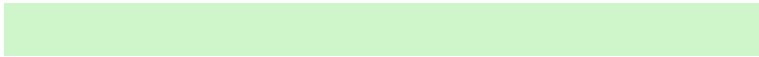
228.8500, -9.1660, -21.1180



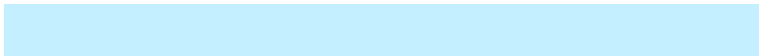
226.3450, -32.5490, -21.3570

Triad

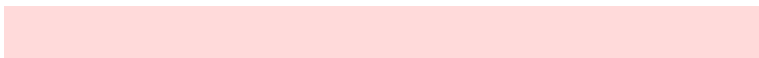
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



228.8500, -9.1660, -21.1180



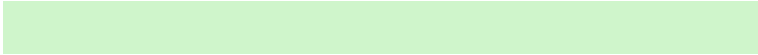
227.9670, -30.7640, -4.1400



229.0630, 22.0520, 7.8440

Complementary

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



228.8500, -9.1660, -21.1180



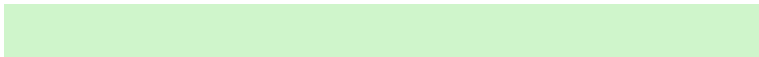
219.1500, 9.1660, 21.1180

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.



231.9130, 14.0270, 15.6190



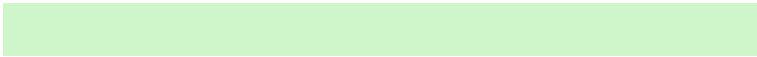
228.8500, -9.1660, -21.1180



233.1380, -8.8960, 7.0400

Square

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



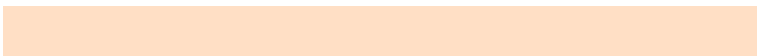
228.8500, -9.1660, -21.1180



224.9000, -46.9930, -12.8890



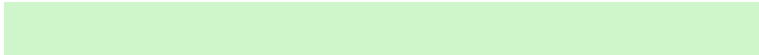
236.2160, 8.8000, 16.7360



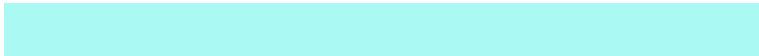
229.6040, 27.4180, -1.3020

Rectangle

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



228.8500, -9.1660, -21.1180



224.6950, -45.1580, -18.6140



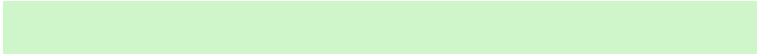
236.2160, 8.8000, 16.7360



229.3880, 19.7590, 10.8550

Sweetspot

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



228.8500, -9.1660, -21.1180



249.9300, -2.9790, -6.5870



237.8640, 14.5820, -10.9700



124.9950, -1.6040, -3.9720



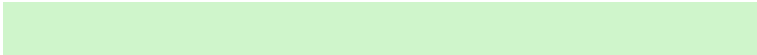
0.0000, 0.0000, 0.0000



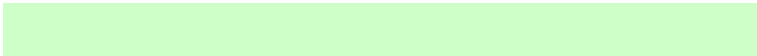
128.0000, -0.0000, -0.0000

Same Dimension

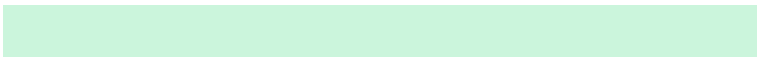
The Same Dimension uses a secret algorithm to generate beautiful new colors.



228.8500, -9.1660, -21.1180



234.4920, -11.2740, -26.9700



229.5920, -17.0070, -16.6790



117.3430, -2.7040, -6.0640



114.5640, -40.4220, -93.4620



36.4270, -12.6490, -29.5850

Inverse Universe

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



219.1500, 9.1660, 21.1180



221.8070, 11.8700, 27.1820



218.4080, 17.0070, 16.6790



114.6570, 2.7040, 6.0640



71.7350, 41.0180, 93.6740



22.5730, 12.6490, 29.5850

Previews

White Background



This preview shows how the YIQ color 228.8500, -9.1660, -21.1180 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 228.8500, -9.1660, -21.1180 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

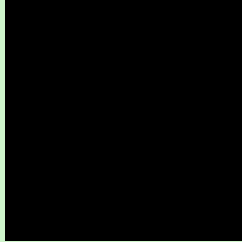
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

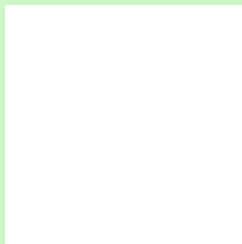
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 228.8500, -9.1660, -21.1180

Background



This preview shows how black text looks on a background with the YIQ color 228.8500, -9.1660, -21.1180.



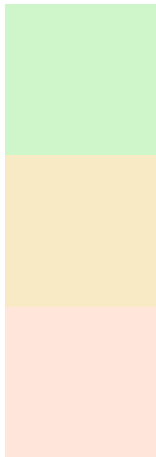
This preview shows how white text looks on a background with the YIQ color 228.8500, -9.1660,

-21.1180.

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

228.8500, -9.1660, -21.1180

Protanopia

233.6690, 19.6250, -8.7510

Deuteranopia

235.5200, 19.0270, 2.0910



Tritanopia

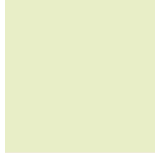
233.0720, -17.6980, 1.3580

Trichromacy



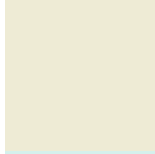
Original Color

228.8500, -9.1660, -21.1180



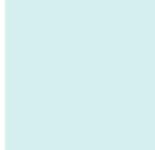
Protanomaly

231.7600, 8.9430, -13.4010



Deuteranomaly

233.3890, 8.8500, -6.2060



Tritanomaly

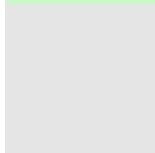
231.4710, -14.8080, -6.9680

Monochromacy



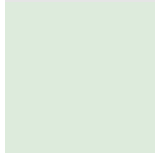
Original Color

228.8500, -9.1660, -21.1180



Achromatopsia

229.0000, -0.0000, -0.0000



Achromatomaly

229.1040, -3.5290, -7.6330

CSS Examples

Text

The CSS property to change the color of the text to YIQ 228.8500, -9.1660, -21.1180 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(207, 245, 203)` looks like.

```
.text, #text, p{  
    color:rgb(207, 245, 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(207, 245, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 245, 203) }
```

Border

The CSS property to change the border of an element to YIQ 228.8500, -9.1660, -21.1180 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(207, 245, 203) }
```


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

```
.border{ border-color:rgb(207, 245, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 245, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 245, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 245, 203);  
box-shadow:4px 4px 4px 4px rgb(207, 245,  
203) }
```

Background

The CSS property to change the background color of an element to YIQ 228.8500, -9.1660, -21.1180 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 245, 203) }
```

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

```
.background{ background-color: rgb(207,  
245, 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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