

Converting Colors

YIQ(221.8500, 0.0020, -11.0540)

Have a look what the booklet for
YIQ(221.8500, 0.0020, -11.0540)
contains.

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Color

**YIQ(221.8500, 0.0020,
-11.0540)**

Conversions

Conversions Part 1

Format	Color
Hex	D7E5CB
RGB	215, 229, 203
RGB Percent	84%, 90%, 80%
CMY	0.1569, 0.1019, 0.2039
CMYK	0.06, 0.00, 0.11, 0.10
HSL	92°, 33%, 85%
HSV	92°, 11%, 90%
XYZ	66.8217, 74.7990, 67.4189
YIQ	221.8500, 0.0020, -11.0540

Conversions

Conversions Part 2

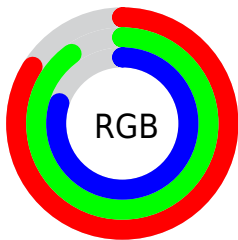
Format	Color
R_{YB}	203, 229, 217
Decimal	14149067
CIE Lab	89.30, -9.28, 11.08
CIE LCh	89, 14.456, 129.940
Yxy	74.7990, 0.3197, 0.3578
Android (android.graphics.Color)	4292339147 (0xFFD7E5CB)
YUV	221.8500, -9.2930, -6.0074
Hunter-Lab	86.4864, -13.4376, 14.3221

Details

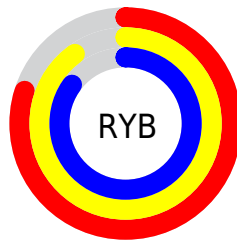
The YIQ color $221.8500, 0.0020, -11.0540$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $210.1500, -0.0020, 11.0540$, and the grayscale version is $222.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $166.9640, -0.3190, -10.7430$ is the 20% darker color. If you saturate the color by 10%, you get $215.6400, 0.2330, -20.7510$, and if you desaturate by 10%, it is $228.0600, -0.2290, -1.3570$.

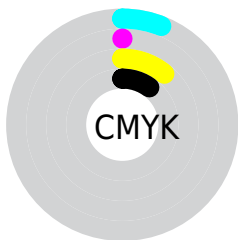
Distribution



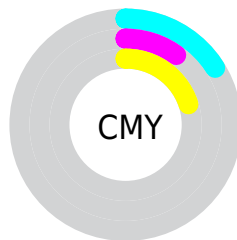
- Red (84%)
- Green (90%)
- Blue (80%)



- Red (80%)
- Yellow (90%)
- Blue (85%)



- Cyan (6%)
- Magenta (0%)
- Yellow (11%)
- Black (10%)



- Cyan (16%)
- Magenta (10%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 221.8500, 0.0020, -11.0540 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 221.8500, 0.0020, -11.0540 by changing the saturation by 10% instead.

■ 221.8500, 0.0020,
-11.0540

■ 221.8500, 0.0020,
-11.0540

255.0000, -0.0000,
-0.0000

■ 193.9640, -0.3190,
-10.7430

■ 166.9640, -0.3190,
-10.7430

■ 140.3770, -0.0440,
-10.2200

■ 114.7900, 0.2310,
-9.6970

■ 89.9040, -0.0900,
-9.3860

■ 67.0180, -0.4110,
-9.0750

■ 44.4310, -0.1360,

-8.5520

■ 23.3880, 1.4230,
-9.2730

■ 0.0000, 0.0000,
0.0000

■ 221.8500, 0.0020,
-11.0540

■ 221.8500, 0.0020,
-11.0540

■ 215.6400, 0.2330,
-20.7510

■ 228.0600, -0.2290,
-1.3570

■ 209.1310, -0.1320,
-30.6600

■ 234.5690, 0.1360,
8.5520

■ 202.9210, 0.0990,
-40.3570

■ 238.8410, 5.3620,
12.9620

■ 196.7110, 0.3300,
-50.0540

■ 239.7380, 7.1500,
13.5980

■ 190.3160, -0.3560,
-59.6520

■ 184.1060, -0.1250,
-69.3490

■ 177.8960, 0.1060,
-79.0460

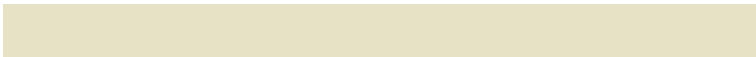
■ 171.3870, -0.2590,
-88.9550

■ 166.1170, 0.2010,
-97.2950

Harmonies

Analogous

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



223.6020, 12.5640, -7.4360



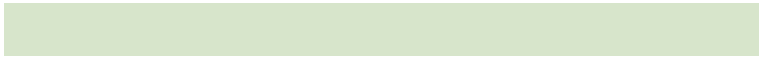
221.8500, 0.0020, -11.0540



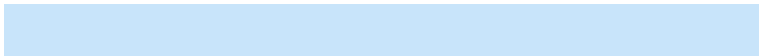
220.3800, -13.2940, -12.3820

Triad

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



221.8500, 0.0020, -11.0540



222.1360, -23.7500, 0.9060



227.2310, 21.6390, 9.8230

Complementary

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



221.8500, 0.0020, -11.0540



210.1500, -0.0020, 11.0540

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.



227.3210, 12.6980, 12.1700



221.8500, 0.0020, -11.0540



224.3870, -14.0310, 6.4890

Square

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



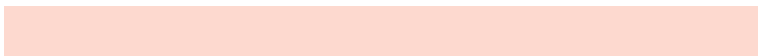
221.8500, 0.0020, -11.0540



219.9950, -27.9670, -5.2710



226.2640, -0.3230, 11.3650



226.6240, 24.6660, 4.5220

Rectangle

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



221.8500, 0.0020, -11.0540



220.0140, -20.9510, -11.2790



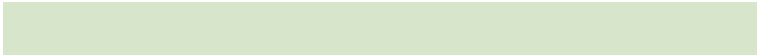
226.2640, -0.3230, 11.3650



227.2030, 18.8420, 10.9540

Sweetspot

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



221.8500, 0.0020, -11.0540



252.8920, 0.1840, -3.3360



218.9920, 11.6460, -1.8100



126.4190, 0.1380, -2.5020



0.0000, 0.0000, 0.0000



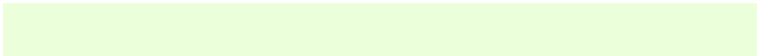
128.0000, -0.0000, -0.0000

Same Dimension

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



221.8500, 0.0020, -11.0540



245.2150, 0.2320, -15.2240



218.3760, -7.4710, -13.2870



111.8380, 0.2760, -5.0040



129.5910, -0.3530, -76.2330



36.8140, -0.3170, -21.7970

Inverse Universe

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



210.1500, -0.0020, 11.0540



229.0840, 0.3640, 15.4360



213.6240, 7.4710, 13.2870



106.1620, -0.2760, 5.0040



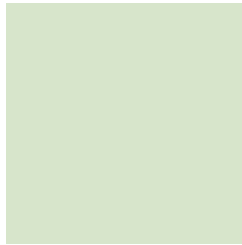
49.1100, -0.2430, 76.0210



14.1860, 0.3170, 21.7970

Previews

White Background



This preview shows how the YIQ color 221.8500, 0.0020, -11.0540 looks on a white background.

Color Contrast Check

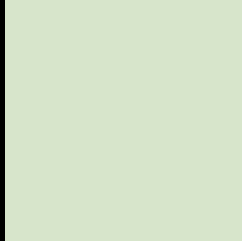
Large Text (above 18pt) WCAG AA × Fail

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 221.8500, 0.0020, -11.0540 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

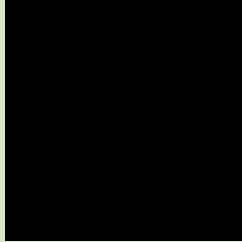
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

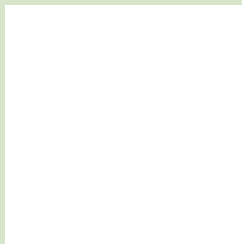
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 221.8500, 0.0020, -11.0540

Background



This preview shows how black text looks on a background with the YIQ color 221.8500, 0.0020, -11.0540.



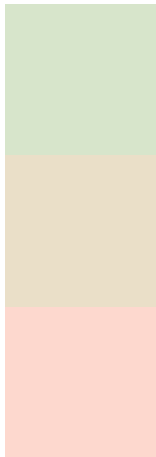
This preview shows how white text looks on a background with the YIQ color 221.8500, 0.0020,

-11.0540.

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

221.8500, 0.0020, -11.0540

Protanopia

223.6670, 13.9390, -4.8210

Deuteranopia

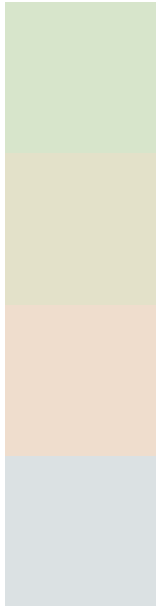
225.9230, 25.2620, 4.7340



Tritanopia

224.4540, -6.9700, 5.1740

Trichromacy



Original Color

221.8500, 0.0020, -11.0540

Protanomaly

222.8620, 8.8960, -7.0400

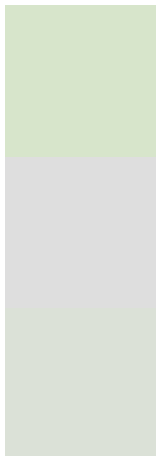
Deuteranomaly

224.5580, 15.8640, -1.1600

Tritanomaly

223.4340, -4.2180, -0.6500

Monochromacy



Original Color

221.8500, 0.0020, -11.0540

Achromatopsia

222.0000, -0.0000, 0.0000

Achromatomaly

222.0660, -0.3660, -4.3820

CSS Examples

Text

The CSS property to change the color of the text to YIQ 221.8500, 0.0020, -11.0540 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(215, 229, 203)` looks like.

```
.text, #text, p{  
    color:rgb(215, 229, 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(215, 229, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 229, 203) }
```

Border

The CSS property to change the border of an element to YIQ 221.8500, 0.0020, -11.0540 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(215, 229, 203) }
```


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

```
.border{ border-color:rgb(215, 229, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 229, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 229, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 229, 203);  
box-shadow:4px 4px 4px 4px rgb(215, 229,  
203) }
```

Background

The CSS property to change the background color of an element to YIQ 221.8500, 0.0020, -11.0540 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 229, 203) }
```

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

```
.background{ background-color: rgb(215,  
229, 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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