

Converting Colors

YIQ(225.8250, 1.1500, -20.8500)

Have a look what the booklet for
YIQ(225.8250, 1.1500, -20.8500)
contains.

YIQ(225.8250, 1.1500, -20.8500)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(225.8250, 1.1500,
-20.8500)**

Conversions

Conversions Part 1

Format	Color
Hex	D6EFBD
RGB	214, 239, 189
RGB Percent	84%, 94%, 74%
CMY	0.1609, 0.0627, 0.2588
CMYK	0.10, 0.00, 0.21, 0.06
HSL	90°, 61%, 84%
HSV	90°, 21%, 94%
XYZ	67.7809, 79.7063, 59.9628
YIQ	225.8250, 1.1500, -20.8500

Conversions

Conversions Part 2

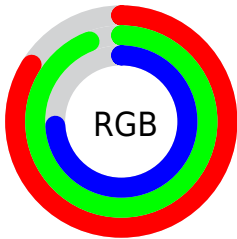
Format	Color
RYB	189, 239, 214
Decimal	14086077
CIELab	91.55, -16.88, 21.50
CIELCh	92, 27.336, 128.134
Yxy	79.7063, 0.3267, 0.3842
Android (android.graphics.Color)	4292276157 (0xFFD6EFBD)
YUV	225.8250, -18.1547, -10.3705
Hunter-Lab	89.2784, -20.7186, 22.6734

Details

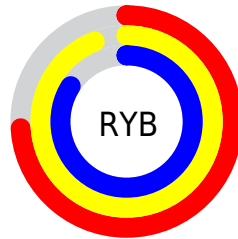
The YIQ color $225.8250, 1.1500, -20.8500$ is a light color, and the websafe version is hex $CCFFCC$. A complement of this color would be $202.1750, -1.1500, 20.8500$, and the grayscale version is $226.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $253.8600, 3.2100, -3.1100$, and $170.3520, 1.1040, -20.0160$ is the 20% darker color. If you saturate the color by 10%, you get $219.5010, 1.7020, -30.8580$, and if you desaturate by 10%, it is $232.1490, 0.5980, -10.8420$.

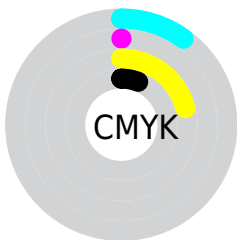
Distribution



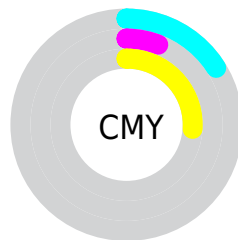
- Red (84%)
- Green (94%)
- Blue (74%)



- Red (74%)
- Yellow (94%)
- Blue (84%)



- Cyan (10%)
- Magenta (0%)
- Yellow (21%)
- Black (6%)



- Cyan (16%)
- Magenta (6%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 225.8250, 1.1500, -20.8500 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 225.8250, 1.1500, -20.8500 by changing the saturation by 10% instead.


 225.8250, 1.1500,
-20.8500

 225.8250, 1.1500,
-20.8500

255.0000, -0.0000,
-0.0000


 197.9390, 0.8290,
-20.5390


 253.8600, 3.2100,
-3.1100

 170.3520, 1.1040,
-20.0160

 143.8790, 1.0580,
-19.1820

 117.9930, 0.7370,
-18.8710

 93.2210, 0.0950,
-18.2490

 69.6340, 0.3700,
-17.7260

 46.8620, -0.2720,

-17.1040

■ 26.2150, 0.2320,
-15.2240

■ 6.4570, -3.0250,
-5.7530

■ 225.8250, 1.1500,
-20.8500

■ 225.8250, 1.1500,
-20.8500

■ 219.5010, 1.7020,
-30.8580

■ 232.1490, 0.5980,
-10.8420

■ 213.1770, 2.2540,
-40.8660

■ 238.4730, 0.0460,
-0.8340

■ 206.8530, 2.8060,
-50.8740

■ 244.1130, 1.4200,
7.3080

■ 200.5290, 3.3580,
-60.8820

■ 245.6080, 4.4000,
8.3680

■ 194.3190, 3.5890,
-70.5790

■ 187.9950, 4.1410,
-80.5870

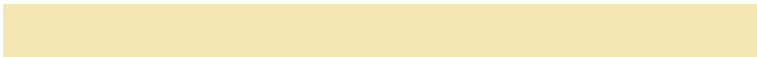
■ 181.6710, 4.6930,
-90.5950

■ 175.8740, 5.1990,
-99.7690

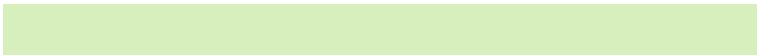
Harmonies

Analogous

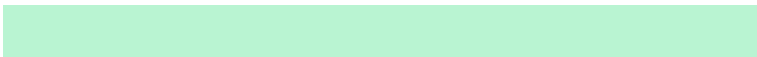
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



228.6600, 23.8440, -13.6280



225.8250, 1.1500, -20.8500



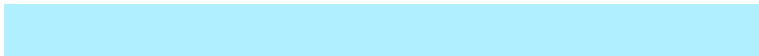
222.4830, -24.2500, -23.0820

Triad

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



225.8250, 1.1500, -20.8500



221.9870, -42.6840, -8.3800



226.2250, 21.7760, 12.8480

Complementary

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



225.8250, 1.1500, -20.8500



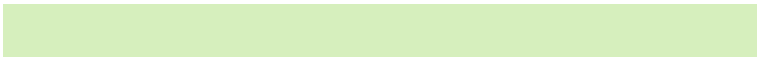
202.1750, -1.1500, 20.8500

Split Complementary

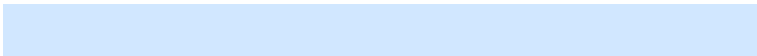
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



231.0640, 12.2840, 19.6760



225.8250, 1.1500, -20.8500



227.1580, -20.8160, 2.8000

Square

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



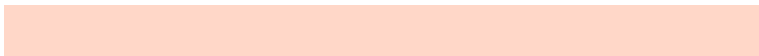
225.8250, 1.1500, -20.8500



219.5400, -54.7870, -14.8110



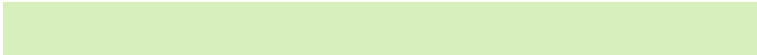
232.3400, 2.5190, 14.9270



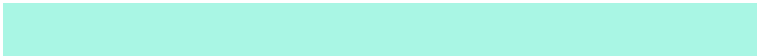
225.2500, 28.6550, 3.8150

Rectangle

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



225.8250, 1.1500, -20.8500



220.9250, -40.1140, -21.9220



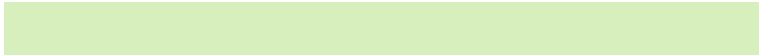
232.3400, 2.5190, 14.9270



227.2510, 18.8870, 15.6470

Sweetspot

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



225.8250, 1.1500, -20.8500



250.8980, 0.0470, -6.3610



218.6250, 22.9250, -2.4750



125.4790, -0.0910, -3.8590



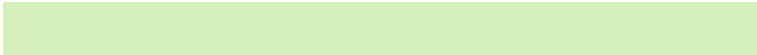
0.0000, 0.0000, 0.0000



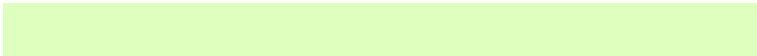
128.0000, -0.0000, -0.0000

Same Dimension

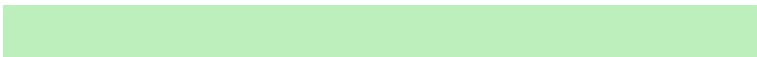
The Same Dimension uses a secret algorithm to generate beautiful new colors.



225.8250, 1.1500, -20.8500



238.1360, 1.4720, -26.6880



218.3500, -13.7500, -26.1500



116.8380, 0.2760, -5.0040



135.5160, 4.2320, -76.7280



41.2440, 1.2880, -23.3520

Inverse Universe

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



202.1750, -1.1500, 20.8500



207.8640, -1.4720, 26.6880



209.6500, 13.7500, 26.1500



111.1620, -0.2760, 5.0040



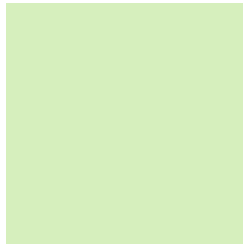
48.4840, -4.2320, 76.7280



14.7560, -1.2880, 23.3520

Previews

White Background



This preview shows how the YIQ color 225.8250, 1.1500, -20.8500 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 225.8250, 1.1500, -20.8500 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

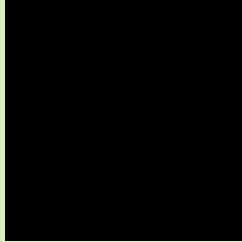
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

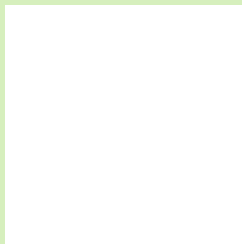
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 225.8250, 1.1500, -20.8500

Background



This preview shows how black text looks on a background with the YIQ color 225.8250, 1.1500, -20.8500.



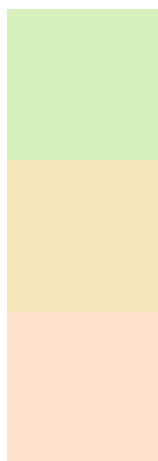
This preview shows how white text looks on a background with the YIQ color 225.8250, 1.1500, -20.8500.

-20.8500.

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

225.8250, 1.1500, -20.8500

Protanopia

229.3550, 23.3850, -10.8150

Deuteranopia

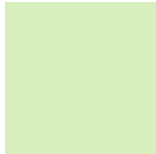
231.8040, 23.9790, 0.4510



Tritanopia

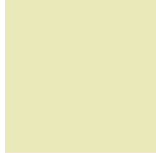
230.6600, -10.5460, 3.9020

Trichromacy



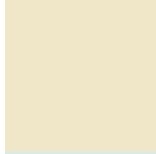
Original Color

225.8250, 1.1500, -20.8500



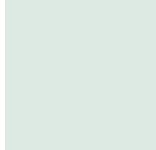
Protanomaly

227.9410, 15.6830, -14.4050



Deuteranomaly

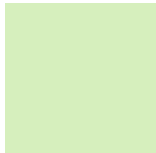
229.5700, 15.5900, -7.2100



Tritanomaly

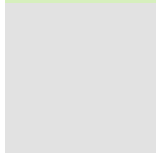
229.0160, -6.0970, -5.1450

Monochromacy



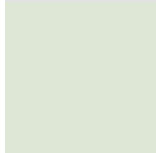
Original Color

225.8250, 1.1500, -20.8500



Achromatopsia

226.0000, -0.0000, 0.0000



Achromatomaly

226.2570, 0.4140, -7.5060

CSS Examples

Text

The CSS property to change the color of the text to YIQ 225.8250, 1.1500, -20.8500 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, 239, 189)` looks like.

```
.text, #text, p{  
    color:rgb(214, 239, 189)  
}
```

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, 239, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 239, 189) }
```

Border

The CSS property to change the border of an element to YIQ 225.8250, 1.1500, -20.8500 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, 239, 189) }
```


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

```
.border{ border-color:rgb(214, 239, 189) }
```

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

Here you see how a box with a 4 pixel rgb(214, 239, 189) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 239, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 239, 189);  
box-shadow:4px 4px 4px 4px rgb(214, 239,  
189) }
```

Background

The CSS property to change the background color of an element to YIQ 225.8250, 1.1500, -20.8500 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 239, 189) }
```

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

```
.background{ background-color: rgb(214,  
239, 189) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor