

Converting Colors

YIQ(235.8570, -1.8760,
-21.0760)

Have a look what the booklet for
YIQ(235.8570, -1.8760, -21.0760)
contains.

YIQ(235.8570, -1.8760, -21.0760)	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(235.8570, -1.8760,
-21.0760)**

Conversions

Conversions Part 1

Format	Color
Hex	DDFACA
RGB	221, 250, 202
RGB Percent	87%, 98%, 79%
CMY	0.1334, 0.0195, 0.2078
CMYK	0.12, 0.00, 0.19, 0.02
HSL	96°, 83%, 89%
HSV	96°, 19%, 98%
XYZ	74.6620, 88.0115, 68.9346
YIQ	235.8570, -1.8760, -21.0760

Conversions

Conversions Part 2

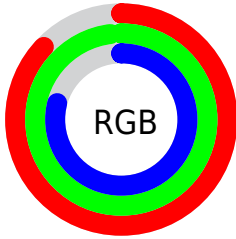
Format	Color
R _Y B	202, 250, 231
Decimal	14547658
CIE Lab	95.17, -17.82, 19.93
CIE LCh	95, 26.736, 131.799
Yxy	88.0115, 0.3224, 0.3800
Android (android.graphics.Color)	4292737738 (0xFFDDFACA)
YUV	235.8570, -16.6915, -13.0296
Hunter-Lab	93.8145, -22.1165, 22.1040

Details

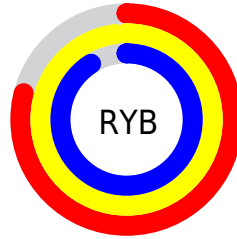
The YIQ color $235.8570, -1.8760, -21.0760$ is a light color, and the websafe version is hex $CCFFCC$. A complement of this color would be $216.1430, 1.8760, 21.0760$, and the grayscale version is $236.0000, 0.0000, -0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $179.7970, -1.6470, -19.7190$ is the 20% darker color. If you saturate the color by 10%, you get $228.5220, -2.7910, -32.0310$, and if you desaturate by 10%, it is $243.1920, -0.9610, -10.1210$.

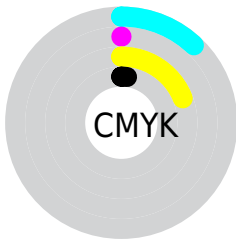
Distribution



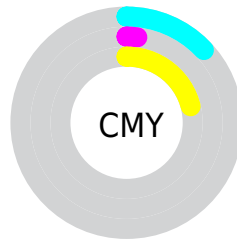
- Red (87%)
- Green (98%)
- Blue (79%)



- Red (79%)
- Yellow (98%)
- Blue (91%)



- Cyan (12%)
- Magenta (0%)
- Yellow (19%)
- Black (2%)



- Cyan (13%)
- Magenta (2%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 235.8570, -1.8760, -21.0760 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 235.8570, -1.8760, -21.0760 by changing the saturation by 10% instead.

■ 235.8570, -1.8760,
-21.0760

■ 235.8570, -1.8760,
-21.0760

255.0000, -0.0000,
-0.0000

■ 207.3840, -1.9220,
-20.2420

■ 179.7970, -1.6470,
-19.7190

■ 152.9110, -1.9680,
-19.4080

■ 127.0250, -2.2890,
-19.0970

■ 101.5520, -2.3350,
-18.2630

■ 77.6660, -2.6560,
-17.9520

■ 54.1930, -2.7020,

-17.1180

■ 32.2640, -1.4640,
-17.5280

■ 14.6750, -6.8750,
-13.0750

■ 235.8570, -1.8760,
-21.0760

■ 235.8570, -1.8760,
-21.0760

■ 228.5220, -2.7910,
-32.0310

■ 243.1920, -0.9610,
-10.1210

■ 221.1870, -3.7060,
-42.9860

■ 250.5270, -0.0460,
0.8340

■ 213.8520, -4.6210,
-53.9410

■ 252.0650, 1.3750,
2.6150

■ 206.2180, -6.1320,
-65.1080

■ 198.8830, -7.0470,
-76.0630

■ 191.5480, -7.9620,
-87.0180

■ 184.2130, -8.8770,
-97.9730

■ 176.8780, -9.7920,
-108.9280

■ 176.3510, -9.7460,
-109.7620

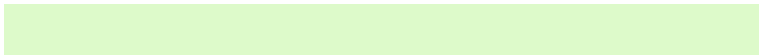
Harmonies

Analogous

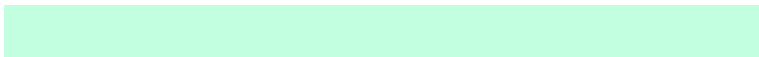
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



239.0510, 21.1850, -14.9990



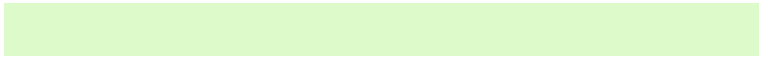
235.8570, -1.8760, -21.0760



232.9280, -27.0010, -22.7850

Triad

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



235.8570, -1.8760, -21.0760



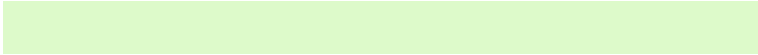
232.0540, -35.6230, -9.6950



233.5940, 16.1830, 9.5830

Complementary

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



235.8570, -1.8760, -21.0760



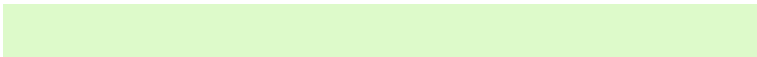
216.1430, 1.8760, 21.0760

Split Complementary

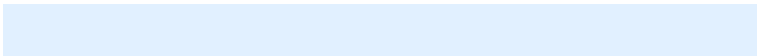
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



237.3900, 8.2500, 15.6900



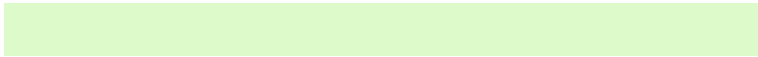
235.8570, -1.8760, -21.0760



237.2250, -13.7550, 1.4850

Square

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



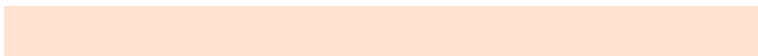
235.8570, -1.8760, -21.0760



229.2970, -49.7890, -17.2850



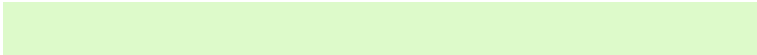
240.9120, 6.6000, 12.5520



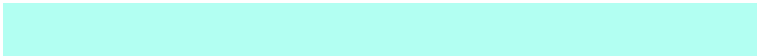
233.2060, 22.7870, 0.0270

Rectangle

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



235.8570, -1.8760, -21.0760



230.4950, -41.7190, -20.3670



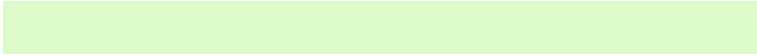
240.9120, 6.6000, 12.5520



234.5060, 13.6150, 12.0710

Sweetspot

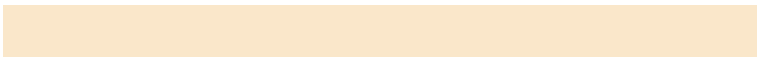
The Sweet Spot groups the original color and five complimentary colors.



235.8570, -1.8760, -21.0760



250.5990, -0.5490, -6.5730



233.3750, 20.6330, -4.9910



125.1800, -0.6870, -4.0710



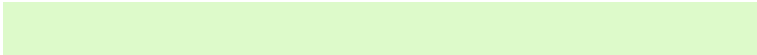
0.0000, 0.0000, 0.0000



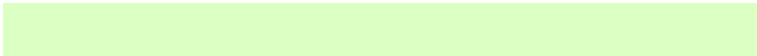
128.0000, -0.0000, -0.0000

Same Dimension

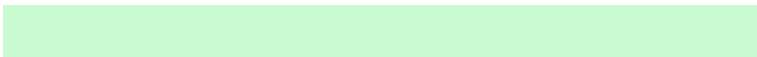
The Same Dimension uses a secret algorithm to generate beautiful new colors.



235.8570, -1.8760, -21.0760



237.8090, -1.9210, -25.7690



230.7460, -14.8050, -23.5490



121.1260, -0.5950, -5.7390



133.3680, -7.2750, -82.9470



42.9830, -2.4710, -26.8150

Inverse Universe

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



216.1430, 1.8760, 21.0760



213.4900, 2.5170, 25.9810



221.2540, 14.8050, 23.5490



115.8740, 0.5950, 5.7390



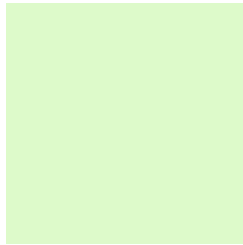
55.6320, 7.2750, 82.9470



18.0170, 2.4710, 26.8150

Previews

White Background



This preview shows how the YIQ color 235.8570, -1.8760, -21.0760 looks on a white background.

Color Contrast Check

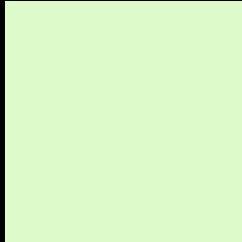
Large Text (above 18pt) WCAG AA × Fail

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 235.8570, -1.8760, -21.0760 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

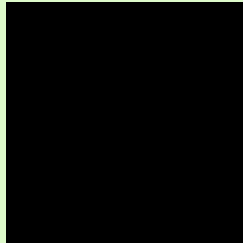
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

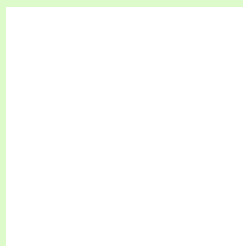
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 235.8570, -1.8760, -21.0760

Background



This preview shows how black text looks on a background with the YIQ color 235.8570, -1.8760, -21.0760.



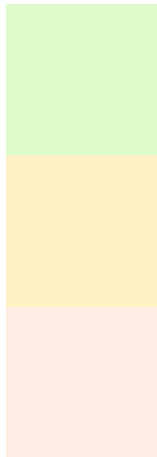
This preview shows how white text looks on a background with the YIQ color 235.8570, -1.8760, -21.0760.

-21.0760.

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

235.8570, -1.8760, -21.0760

Protanopia

239.5830, 22.7430, -10.1930

Deuteranopia

241.3560, 13.6170, 1.0170



Tritanopia

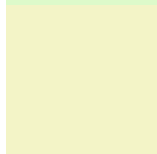
240.7910, -9.5370, 2.1350

Trichromacy



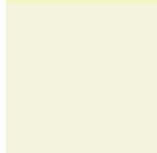
Original Color

235.8570, -1.8760, -21.0760



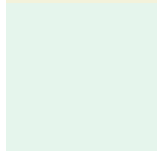
Protanomaly

238.5710, 13.8490, -14.2070



Deuteranomaly

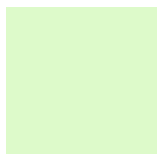
239.6770, 7.9790, -6.9410



Tritanomaly

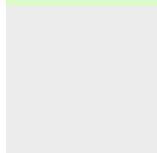
239.1900, -6.6470, -6.1910

Monochromacy



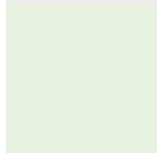
Original Color

235.8570, -1.8760, -21.0760



Achromatopsia

236.0000, 0.0000, -0.0000



Achromatomaly

236.0720, -0.5030, -7.4070

CSS Examples

Text

The CSS property to change the color of the text to YIQ 235.8570, -1.8760, -21.0760 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(221, 250, 202)` looks like.

```
.text, #text, p{  
    color:rgb(221, 250, 202)  
}
```

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(221, 250, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 250, 202) }
```

Border

The CSS property to change the border of an element to YIQ 235.8570, -1.8760, -21.0760 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(221, 250, 202) }
```


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

```
.border{ border-color:rgb(221, 250, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 250, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 250, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 250, 202);  
box-shadow:4px 4px 4px 4px rgb(221, 250,  
202) }
```

Background

The CSS property to change the background color of an element to YIQ 235.8570, -1.8760, -21.0760 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 250, 202) }
```

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

```
.background{ background-color: rgb(221,  
250, 202) }
```

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