

Converting Colors

YIQ(233.5130, -6.5990,
-18.0790)

Have a look what the booklet for
YIQ(233.5130, -6.5990, -18.0790)
contains.

YIQ(233.5130, -6.5990, -18.0790)	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(233.5130, -6.5990,
-18.0790)**

Conversions

Conversions Part 1

Format	Color
Hex	D8F7D2
RGB	216, 247, 210
RGB Percent	85%, 97%, 82%
CMY	0.1530, 0.0313, 0.1765
CMYK	0.13, 0.00, 0.15, 0.03
HSL	110°, 70%, 90%
HSV	110°, 15%, 97%
XYZ	73.2093, 85.7778, 73.6714
YIQ	233.5130, -6.5990, -18.0790

Conversions

Conversions Part 2

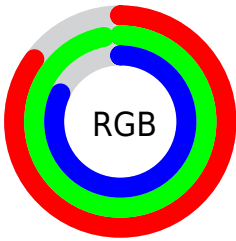
Format	Color
RYB	210, 247, 241
Decimal	14219218
CIELab	94.22, -16.74, 14.45
CIELCh	94, 22.116, 139.206
Yxy	85.7778, 0.3147, 0.3687
Android (android.graphics.Color)	4292409298 (0xFFD8F7D2)
YUV	233.5130, -11.5919, -15.3589
Hunter-Lab	92.6163, -20.9818, 17.6693

Details

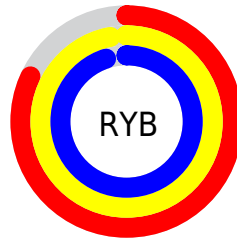
The YIQ color $233.5130, -6.5990, -18.0790$ is a light color, and the websafe version is hex $CCFFCC$. A complement of this color would be $223.4870, 6.5990, 18.0790$, and the grayscale version is $234.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $177.9260, -6.3240, -17.5560$ is the 20% darker color. If you saturate the color by 10%, you get $224.3840, -11.0900, -30.3060$, and if you desaturate by 10%, it is $242.6420, -2.1080, -5.8520$.

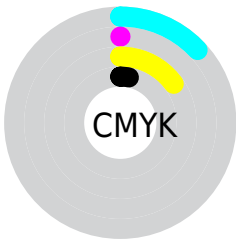
Distribution



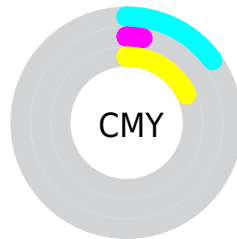
- Red (85%)
- Green (97%)
- Blue (82%)



- Red (82%)
- Yellow (97%)
- Blue (95%)



- Cyan (13%)
- Magenta (0%)
- Yellow (15%)
- Black (3%)



- Cyan (15%)
- Magenta (3%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 233.5130, -6.5990, -18.0790 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 233.5130, -6.5990, -18.0790 by changing the saturation by 10% instead.

■ 233.5130, -6.5990,
-18.0790

■ 233.5130, -6.5990,
-18.0790

255.0000, -0.0000,
-0.0000

■ 204.9260, -6.3240,
-17.5560

■ 177.9260, -6.3240,
-17.5560

■ 150.7520, -5.7740,
-16.5100

■ 124.8660, -6.0950,
-16.1990

■ 99.9800, -6.4160,
-15.8880

■ 75.8060, -5.8660,
-14.8420

■ 52.9200, -6.1870,

-14.5310

■ 31.0340, -6.5080,
-14.2200

■ 13.5010, -6.3250,
-12.0290

■ 233.5130, -6.5990,
-18.0790

■ 233.5130, -6.5990,
-18.0790

■ 224.3840,
-11.0900, -30.3060

■ 242.6420, -2.1080,
-5.8520

■ 215.6680,
-15.3060, -42.0100

■ 250.3040, 2.2000,
4.1840

■ 206.5390,
-19.7970, -54.2370

■ 197.4100,
-24.2880, -66.4640

■ 188.2810,
-28.7790, -78.6910

■ 179.5650,
-32.9950, -90.3950

■ 170.4360,
-37.4860, -102.6220

■ 161.3070,
-41.9770, -114.8490

■ 156.9490,
-44.0850, -120.7010

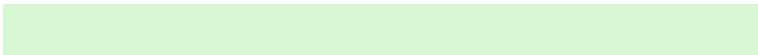
Harmonies

Analogous

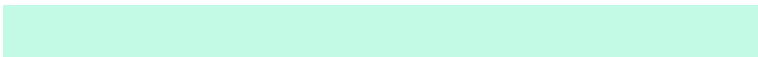
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



236.0980, 13.8030, -13.3730



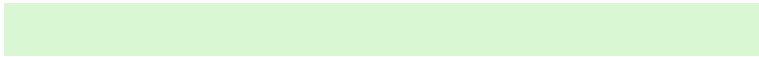
233.5130, -6.5990, -18.0790



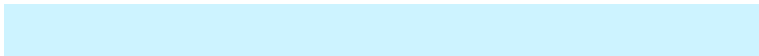
230.9760, -26.9560, -18.0920

Triad

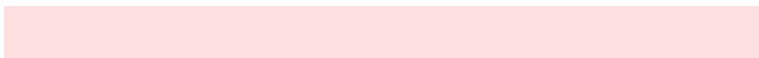
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



233.5130, -6.5990, -18.0790



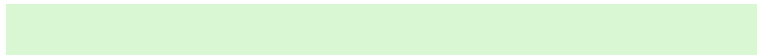
233.0060, -26.5000, -4.3240



233.3830, 18.1550, 6.8830

Complementary

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



233.5130, -6.5990, -18.0790



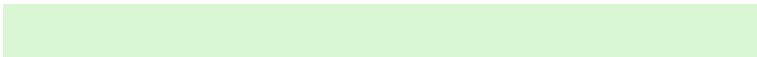
223.4870, 6.5990, 18.0790

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.



235.8910, 11.0930, 13.7250



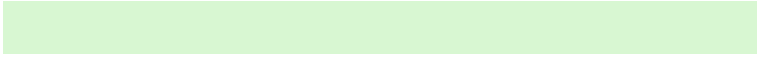
233.5130, -6.5990, -18.0790



236.9700, -8.4830, 5.0610

Square

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



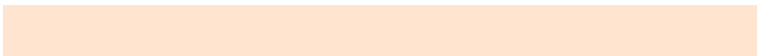
233.5130, -6.5990, -18.0790



230.2600, -39.1990, -10.9670



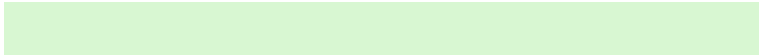
239.7380, 7.1500, 13.5980



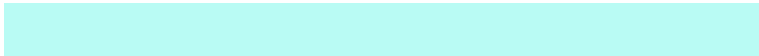
233.6790, 22.8330, -0.8070

Rectangle

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



233.5130, -6.5990, -18.0790



230.4680, -37.0890, -16.1690



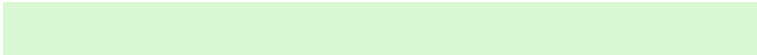
239.7380, 7.1500, 13.5980



234.1810, 15.9080, 9.0600

Sweetspot

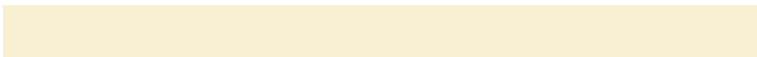
The Sweet Spot groups the original color and five complimentary colors.



233.5130, -6.5990, -18.0790



251.1690, -2.1540, -5.0180



239.2600, 13.5270, -8.3690



125.4080, -1.3290, -3.4490



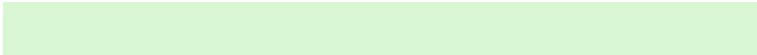
0.0000, 0.0000, 0.0000



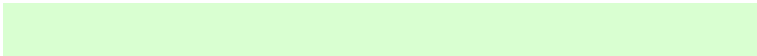
128.0000, -0.0000, -0.0000

Same Dimension

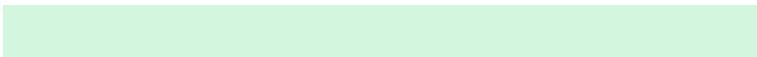
The Same Dimension uses a secret algorithm to generate beautiful new colors.



233.5130, -6.5990, -18.0790



238.3940, -7.8820, -22.3620



233.0870, -14.0270, -15.6190



117.6420, -2.1080, -5.8520



118.1520, -33.2700, -90.9180



37.3240, -10.8610, -28.9490

Inverse Universe

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



223.4870, 6.5990, 18.0790



225.9050, 8.4780, 22.5740



223.9130, 14.0270, 15.6190



114.3580, 2.1080, 5.8520



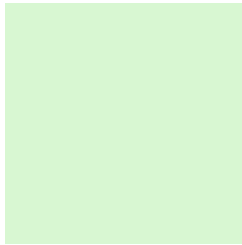
67.8480, 33.2700, 90.9180



21.3770, 10.2650, 28.7370

Previews

White Background



This preview shows how the YIQ color 233.5130, -6.5990, -18.0790 looks on a white background.

Color Contrast Check

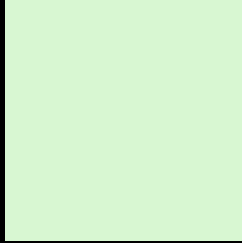
Large Text (above 18pt) WCAG AA × Fail

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 233.5130, -6.5990, -18.0790 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

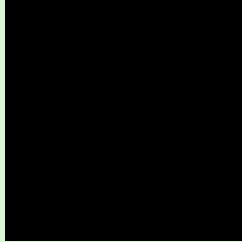
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

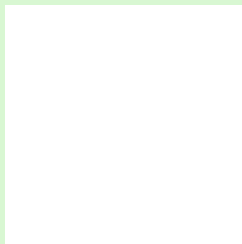
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 233.5130, -6.5990, -18.0790

Background



This preview shows how black text looks on a background with the YIQ color 233.5130, -6.5990, -18.0790.



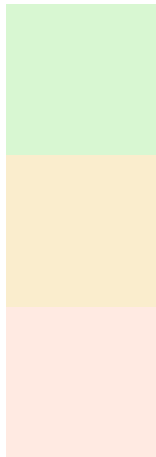
This preview shows how white text looks on a background with the YIQ color 233.5130, -6.5990,

-18.0790.

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

233.5130, -6.5990, -18.0790

Protanopia

237.2390, 18.0200, -7.1960

Deuteranopia

239.3670, 15.0840, 1.9640



Tritanopia

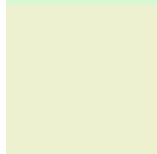
237.8230, -12.5630, 1.9090

Trichromacy



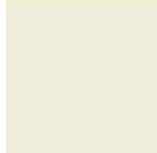
Original Color

233.5130, -6.5990, -18.0790



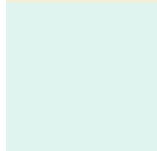
Protanomaly

236.2270, 9.1260, -11.2100



Deuteranomaly

237.4320, 7.2910, -5.4850



Tritanomaly

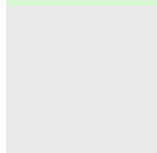
236.5640, -10.6360, -5.4840

Monochromacy



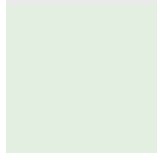
Original Color

233.5130, -6.5990, -18.0790



Achromatopsia

234.0000, -0.0000, 0.0000



Achromatomaly

233.8160, -2.6580, -6.8980

CSS Examples

Text

The CSS property to change the color of the text to YIQ 233.5130, -6.5990, -18.0790 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(216, 247, 210)` looks like.

```
.text, #text, p{  
    color:rgb(216, 247, 210)  
}
```

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(216, 247, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 247, 210) }
```

Border

The CSS property to change the border of an element to YIQ 233.5130, -6.5990, -18.0790 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(216, 247, 210) }
```


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

```
.border{ border-color:rgb(216, 247, 210) }
```

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

Here you see how a box with a 4 pixel rgb(216, 247, 210) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 247, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 247, 210);  
box-shadow:4px 4px 4px 4px rgb(216, 247,  
210) }
```

Background

The CSS property to change the background color of an element to YIQ 233.5130, -6.5990, -18.0790 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 247, 210) }
```

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

```
.background{ background-color: rgb(216,  
247, 210) }
```

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