

Converting Colors

YIQ(233.5180, -4.9950,
-14.1070)

Have a look what the booklet for
YIQ(233.5180, -4.9950, -14.1070)
contains.

YIQ(233.5180, -4.9950, -14.1070)	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(233.5180, -4.9950,
-14.1070)**

Conversions

Conversions Part 1

Format	Color
Hex	DCF4D7
RGB	220, 244, 215
RGB Percent	86%, 96%, 84%
CMY	0.1373, 0.0431, 0.1569
CMYK	0.10, 0.00, 0.12, 0.04
HSL	110°, 57%, 90%
HSV	110°, 12%, 96%
XYZ	74.1289, 84.8264, 76.7565
YIQ	233.5180, -4.9950, -14.1070

Conversions

Conversions Part 2

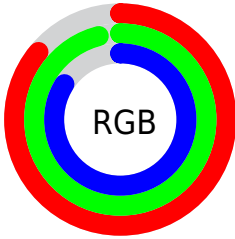
Format	Color
R_{YB}	215, 244, 239
Decimal	14480599
CIE _{Lab}	93.81, -13.07, 11.33
CIE _{LCh}	94, 17.294, 139.086
Yxy	84.8264, 0.3145, 0.3599
Android (android.graphics.Color)	4292670679 (0xFFDCF4D7)
YUV	233.5180, -9.1294, -11.8553
Hunter-Lab	92.1012, -17.5090, 15.0590

Details

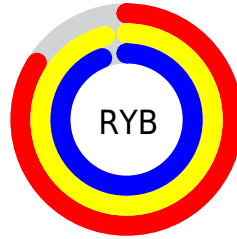
The YIQ color $233.5180, -4.9950, -14.1070$ is a light color, and the websafe version is hex $CCFFCC$. A complement of this color would be $225.4820, 4.9950, 14.1070$, and the grayscale version is $234.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $177.9310, -4.7200, -13.5840$ is the 20% darker color. If you saturate the color by 10%, you get $224.8020, -9.2110, -25.8110$, and if you desaturate by 10%, it is $242.2340, -0.7790, -2.4030$.

Distribution



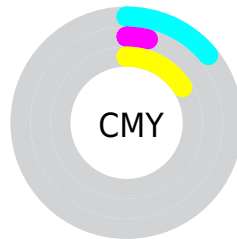
- Red (86%)
- Green (96%)
- Blue (84%)



- Red (84%)
- Yellow (96%)
- Blue (94%)



- Cyan (10%)
- Magenta (0%)
- Yellow (12%)
- Black (4%)





- Cyan (14%)
- Magenta (4%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 233.5180, -4.9950, -14.1070 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 233.5180, -4.9950, -14.1070 by changing the saturation by 10% instead.

 233.5180, -4.9950,
-14.1070

 233.5180, -4.9950,
-14.1070


255.0000, -0.0000,
-0.0000


 205.5180, -4.9950,
-14.1070

 177.9310, -4.7200,
-13.5840

 151.0450, -5.0410,
-13.2730

 125.4580, -4.7660,
-12.7500

 99.8710, -4.4910,
-12.2270

 76.2840, -4.2160,
-11.7040

 53.3980, -4.5370,

-11.3930

■ 31.9250, -4.5830,
-10.5590

■ 11.7400, -5.5000,
-10.4600

■ 233.5180, -4.9950,
-14.1070

■ 233.5180, -4.9950,
-14.1070

■ 224.8020, -9.2110,
-25.8110

■ 242.2340, -0.7790,
-2.4030

■ 215.9720,
-13.1060, -37.8260

■ 248.5430, 3.0250,
5.7530

■ 206.9570,
-17.9180, -49.7420

■ 198.1270,
-21.8130, -61.7570

■ 189.4110,
-26.0290, -73.4610

■ 180.6950,
-30.2450, -85.1650

■ 171.5660,
-34.7360, -97.3920

■ 162.8500,
-38.9520, -109.0960

■ 155.7860,
-42.0680, -118.7080

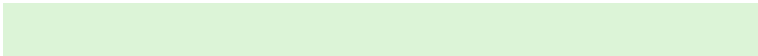
Harmonies

Analogous

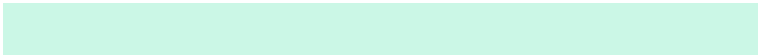
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



235.2380, 10.5930, -10.2630



233.5180, -4.9950, -14.1070



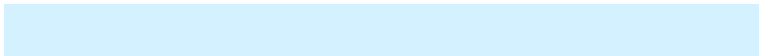
231.9060, -20.7670, -14.6150

Triad

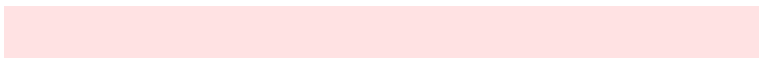
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



233.5180, -4.9950, -14.1070



233.9250, -21.7780, -1.7940



234.7850, 16.9630, 6.4590

Complementary

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



233.5180, -4.9950, -14.1070



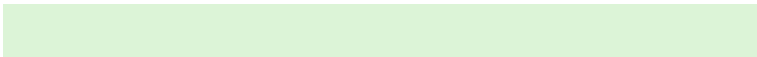
225.4820, 4.9950, 14.1070

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.



236.7230, 11.5060, 11.7460



233.5180, -4.9950, -14.1070



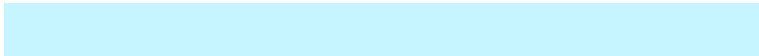
236.6820, -7.6120, 5.7960

Square

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



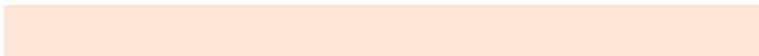
233.5180, -4.9950, -14.1070



232.0870, -31.2220, -6.8540



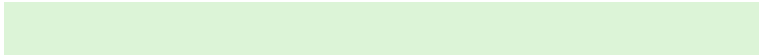
239.7270, 5.6830, 12.6510



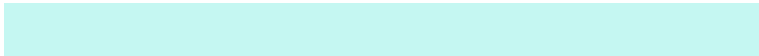
234.9500, 20.6320, 0.5360

Rectangle

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



233.5180, -4.9950, -14.1070



231.4800, -28.1950, -12.1550



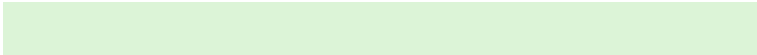
239.7270, 5.6830, 12.6510



235.4690, 15.0370, 8.3250

Sweetspot

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



233.5180, -4.9950, -14.1070



251.4680, -1.5580, -4.8060



237.7590, 10.6840, -6.4040



125.4080, -1.3290, -3.4490



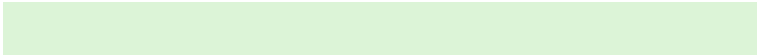
0.0000, 0.0000, 0.0000



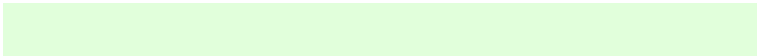
128.0000, -0.0000, -0.0000

Same Dimension

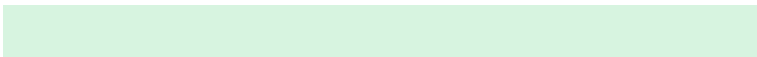
The Same Dimension uses a secret algorithm to generate beautiful new colors.



233.5180, -4.9950, -14.1070



241.9260, -6.3240, -17.5560



233.0490, -10.8640, -12.3680



117.6420, -2.1080, -5.8520



118.7500, -32.0780, -90.4940



37.6230, -10.2650, -28.7370

Inverse Universe

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



225.4820, 4.9950, 14.1070



232.0740, 6.3240, 17.5560



225.9510, 10.8640, 12.3680



114.3580, 2.1080, 5.8520



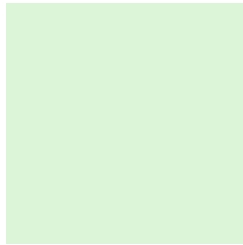
67.2500, 32.0780, 90.4940



21.3770, 10.2650, 28.7370

Previews

White Background



This preview shows how the YIQ color 233.5180, -4.9950, -14.1070 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 233.5180, -4.9950, -14.1070 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

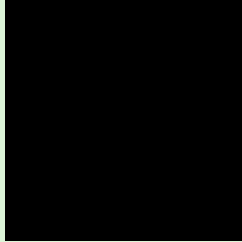
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

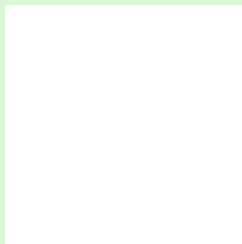
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 233.5180, -4.9950, -14.1070

Background



This preview shows how black text looks on a background with the YIQ color 233.5180, -4.9950, -14.1070.



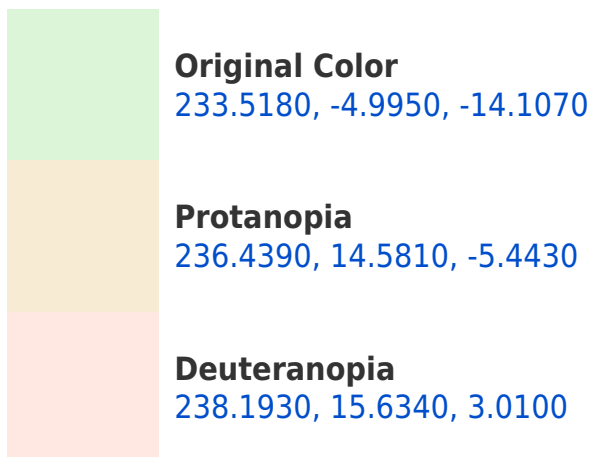
This preview shows how white text looks on a background with the YIQ color 233.5180, -4.9950,

-14.1070.

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

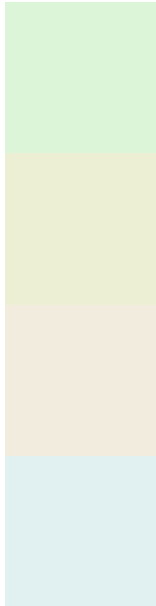




Tritanopia

236.9480, -11.4170, 3.1670

Trichromacy



Original Color

233.5180, -4.9950, -14.1070

Protanomaly

235.3240, 7.4750, -8.8210

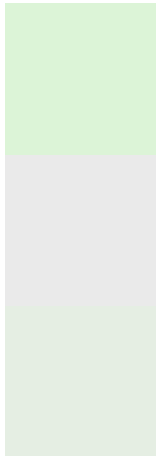
Deuteranomaly

236.1980, 8.0700, -3.0820

Tritanomaly

235.5150, -8.9400, -3.1800

Monochromacy



Original Color

233.5180, -4.9950, -14.1070

Achromatopsia

234.0000, -0.0000, 0.0000

Achromatomaly

234.0550, -1.8330, -5.3290

CSS Examples

Text

The CSS property to change the color of the text to YIQ 233.5180, -4.9950, -14.1070 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(220, 244, 215)` looks like.

```
.text, #text, p{  
    color:rgb(220, 244, 215)  
}
```

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(220, 244, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 244, 215) }
```

Border

The CSS property to change the border of an element to YIQ 233.5180, -4.9950, -14.1070 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(220, 244, 215) }
```


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

```
.border{ border-color:rgb(220, 244, 215) }
```

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

Here you see how a box with a 4 pixel rgb(220, 244, 215) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 244, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 244, 215);  
box-shadow:4px 4px 4px 4px rgb(220, 244,  
215) }
```

Background

The CSS property to change the background color of an element to YIQ 233.5180, -4.9950, -14.1070 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 244, 215) }
```

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

```
.background{ background-color: rgb(220,  
244, 215) }
```

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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