

Converting Colors

YIQ(239.9880, -18.0620,
-14.0780)

Have a look what the booklet for
YIQ(239.9880, -18.0620, -14.0780)
contains.

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Color

**YIQ(239.9880, -18.0620,
-14.0780)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | D6FEEC |
| RGB | 214, 254, 236 |
| RGB Percent | 84%, 100%, 93% |
| CMY | 0.1609, 0.0038, 0.0746 |
| CMYK | 0.16, 0.00, 0.07, 0.00 |
| HSL | 153°, 95%, 92% |
| HSV | 153°, 16%, 100% |
| XYZ | 78.3090, 91.2416, 92.8297 |
| YIQ | 239.9880, -18.0620, -14.0780 |

Conversions

Conversions Part 2

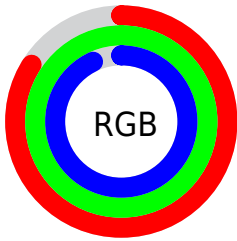
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 214, 240, 254 |
| Decimal | 14089964 |
| CIE Lab | 96.51, -16.22, 4.34 |
| CIE LCh | 97, 16.789, 165.027 |
| Yxy | 91.2416, 0.2985, 0.3477 |
| Android (android.graphics.Color) | 4292280044 (0xFFD6FEEC) |
| YUV | 239.9880, -1.9661, -22.7915 |
| Hunter-Lab | 95.5205, -20.8241, 9.2445 |

Details

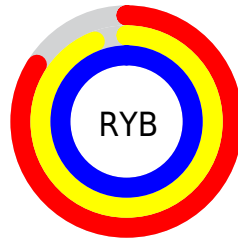
The YIQ color $239.9880, -18.0620, -14.0780$ is a light color, and the websafe version is hex $CCFFFF$. A complement of this color would be $228.0120, 18.0620, 14.0780$, and the grayscale version is $240.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $183.7000, -17.1910, -13.3430$ is the 20% darker color. If you saturate the color by 10%, you get $231.2590, -29.4310, -22.7990$, and if you desaturate by 10%, it is $248.7170, -6.6930, -5.3570$.

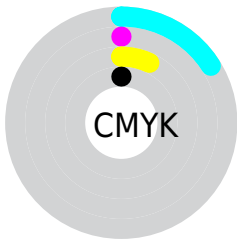
Distribution



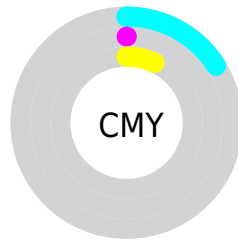
- Red (84%)
- Green (100%)
- Blue (93%)



- Red (84%)
- Yellow (94%)
- Blue (100%)



- Cyan (16%)
- Magenta (0%)
- Yellow (7%)
- Black (0%)



- Cyan (16%)
- Magenta (0%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 239.9880, -18.0620, -14.0780 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 239.9880, -18.0620, -14.0780 by changing the saturation by 10% instead.

■ 239.9880,
-18.0620, -14.0780

■ 239.9880,
-18.0620, -14.0780

255.0000, -0.0000,
-0.0000

■ 211.4010,
-17.7870, -13.5550

■ 183.7000,
-17.1910, -13.3430

■ 156.7000,
-17.1910, -13.3430

■ 130.4120,
-16.3200, -12.6080

■ 105.4120,
-16.3200, -12.6080

■ 80.8250, -16.0450,
-12.0850

■ 57.3520, -16.0910,

-11.2510

■ 35.0530, -16.6870,
-11.4630

■ 17.2170, -11.2770,
-10.3890

■ 239.9880,
-18.0620, -14.0780

■ 239.9880,
-18.0620, -14.0780

■ 231.2590,
-29.4310, -22.7990

■ 248.7170, -6.6930,
-5.3570

■ 222.1170,
-41.0750, -32.0430

254.4130, 0.2750,
0.5230

■ 213.3880,
-52.4440, -40.7640

■ 204.2460,
-64.0880, -50.0080

■ 195.5170,
-75.4570, -58.7290

■ 186.6740,
-86.5050, -67.7610

■ 177.6460,
-98.4700, -76.6940

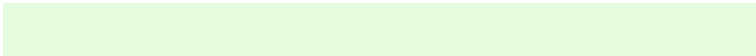
■ 168.8030,
-109.5180, -85.7260

■ 165.0580,
-114.7900, -89.3020

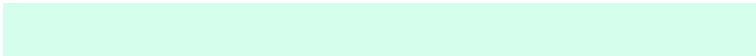
Harmonies

Analogous

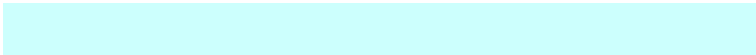
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



241.7140, -2.6110, -13.2590



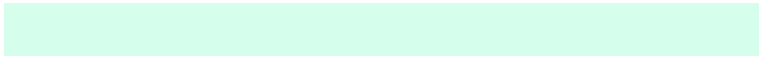
239.9880, -18.0620, -14.0780



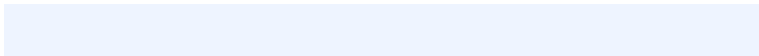
239.5230, -29.7540, -11.4340

Triad

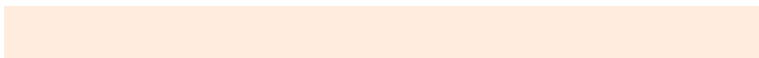
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



239.9880, -18.0620, -14.0780



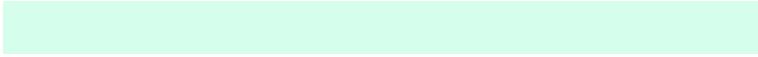
243.4600, -7.1070, 2.1490



240.1990, 15.4970, -0.0150

Complementary

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



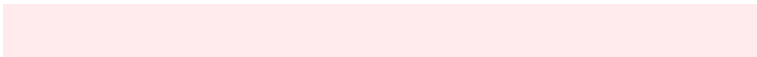
239.9880, -18.0620, -14.0780



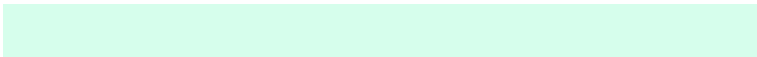
228.0120, 18.0620, 14.0780

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.



240.6210, 11.5530, 5.3850



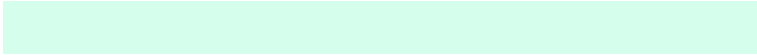
239.9880, -18.0620, -14.0780



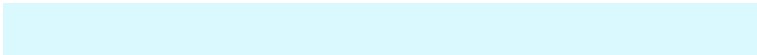
245.0210, 4.6750, 8.8910

Square

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



239.9880, -18.0620, -14.0780



240.4150, -20.4020, -4.7060



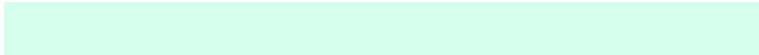
243.1460, 5.8210, 10.1490



242.1080, 17.0110, -5.4290

Rectangle

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



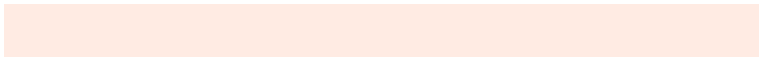
239.9880, -18.0620, -14.0780



239.1640, -30.1210, -10.2890



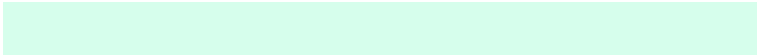
243.1460, 5.8210, 10.1490



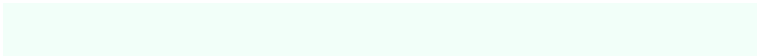
240.0680, 14.4880, 1.7520

Sweetspot

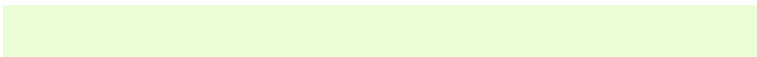
The Sweet Spot groups the original color and five complimentary colors.



239.9880, -18.0620, -14.0780



250.4290, -5.8220, -4.6220



243.1610, 0.3240, -16.8920



125.1520, -3.4840, -2.9400



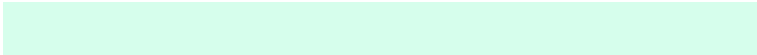
0.0000, 0.0000, 0.0000



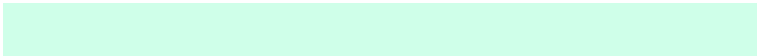
128.0000, -0.0000, -0.0000

Same Dimension

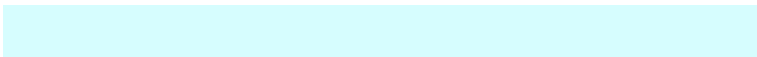
The Same Dimension uses a secret algorithm to generate beautiful new colors.



239.9880, -18.0620, -14.0780



238.1400, -21.5460, -17.0180



241.4530, -23.5650, -7.9570



123.4290, -5.8220, -4.6220



124.0870, -86.2300, -67.2380



41.5580, -28.8350, -22.5870

Inverse Universe

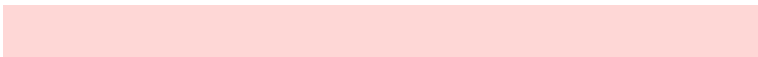
The Inverse Universe completely reimagines the original color for something new.



228.0120, 18.0620, 14.0780



223.7460, 21.8670, 16.7070



226.5470, 23.5650, 7.9570



119.4570, 6.1430, 4.3110



66.9130, 86.2300, 67.2380



22.4420, 28.8350, 22.5870

Previews

White Background



This preview shows how the YIQ color 239.9880, -18.0620, -14.0780 looks on a white background.

Color Contrast Check

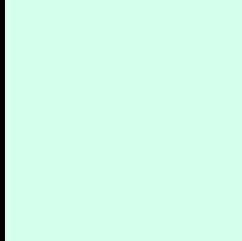
Large Text (above 18pt) WCAG AA × Fail

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 239.9880, -18.0620, -14.0780 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

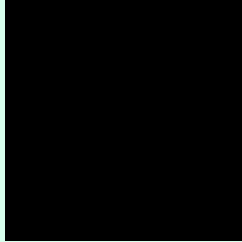
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

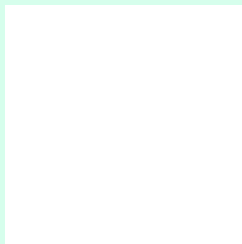
Any Text WCAG AAA ✓ Pass

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

YIQ 239.9880, -18.0620, -14.0780 Background



This preview shows how black text looks on a background with the YIQ color 239.9880, -18.0620, -14.0780.



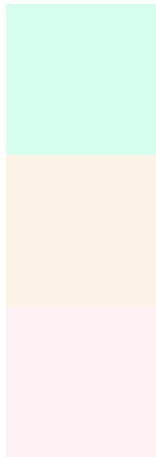
This preview shows how white text looks on a background with the YIQ color 239.9880, -18.0620, -14.0780.

-14.0780.

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

239.9880, -18.0620, -14.0780

Protanopia

244.2090, 9.5370, -2.1350

Deuteranopia

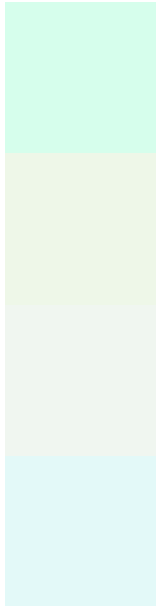
245.4140, 7.7020, 3.5900



Tritanopia

243.7370, -9.4450, 0.4670

Trichromacy



Original Color

239.9880, -18.0620, -14.0780

Protanomaly

242.5990, -0.5490, -6.5730

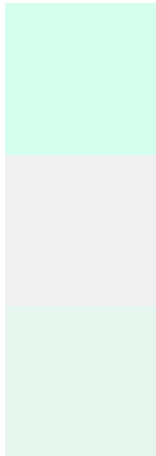
Deuteranomaly

243.5220, -1.6500, -3.1380

Tritanomaly

242.3080, -12.7910, -4.9750

Monochromacy



Original Color

239.9880, -18.0620, -14.0780

Achromatopsia

240.0000, -0.0000, -0.0000

Achromatomaly

240.1300, -6.4180, -4.8340

CSS Examples

Text

The CSS property to change the color of the text to YIQ 239.9880, -18.0620, -14.0780 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, 254, 236)` looks like.

```
.text, #text, p{  
    color:rgb(214, 254, 236)  
}
```

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, 254, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 254, 236) }
```

Border

The CSS property to change the border of an element to YIQ 239.9880, -18.0620, -14.0780 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, 254, 236) }
```


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

```
.border{ border-color:rgb(214, 254, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 254, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 254, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 254, 236);  
box-shadow:4px 4px 4px 4px rgb(214, 254,  
236) }
```

Background

The CSS property to change the background color of an element to YIQ 239.9880, -18.0620, -14.0780 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 254, 236) }
```

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

```
.background{ background-color: rgb(214,  
254, 236) }
```

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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