

Converting Colors

YIQ(239.4140, -10.6340,
-16.5380)

Have a look what the booklet for
YIQ(239.4140, -10.6340, -16.5380)
contains.

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Color

**YIQ(239.4140, -10.6340,
-16.5380)**

Conversions

Conversions Part 1

Format	Color
Hex	DBFDDE
RGB	219, 253, 223
RGB Percent	86%, 99%, 87%
CMY	0.1413, 0.0078, 0.1255
CMYK	0.13, 0.00, 0.12, 0.01
HSL	127°, 90%, 93%
HSV	127°, 13%, 99%
XYZ	77.6542, 90.6431, 83.2117
YIQ	239.4140, -10.6340, -16.5380

Conversions

Conversions Part 2

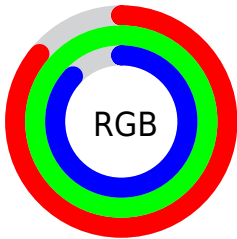
Format	Color
R _Y B	219, 249, 253
Decimal	14417375
CIE Lab	96.26, -16.47, 10.70
CIE LCh	96, 19.639, 146.978
Yxy	90.6431, 0.3088, 0.3604
Android (android.graphics.Color)	4292607455 (0xFFDBFDDF)
YUV	239.4140, -8.0921, -17.9031
Hunter-Lab	95.2067, -21.0203, 14.8246

Details

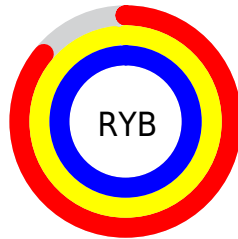
The YIQ color $239.4140, -10.6340, -16.5380$ is a light color, and the websafe version is hex $CCFFCC$. A complement of this color would be $232.5860, 10.6340, 16.5380$, and the grayscale version is $240.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $183.2400, -10.0840, -15.4920$ is the 20% darker color. If you saturate the color by 10%, you get $229.4310, -18.4720, -28.6800$, and if you desaturate by 10%, it is $249.3970, -2.7960, -4.3960$.

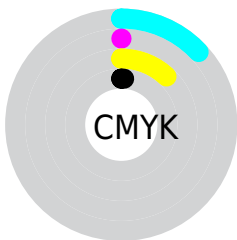
Distribution



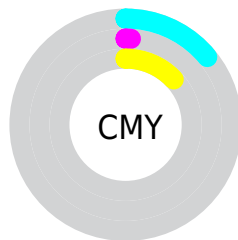
- Red (86%)
- Green (99%)
- Blue (87%)



- Red (86%)
- Yellow (98%)
- Blue (99%)



- Cyan (13%)
- Magenta (0%)
- Yellow (12%)
- Black (1%)



- Cyan (14%)
- Magenta (1%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 239.4140, -10.6340, -16.5380 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 239.4140, -10.6340, -16.5380 by changing the saturation by 10% instead.

■ 239.4140,
-10.6340, -16.5380

■ 239.4140,
-10.6340, -16.5380

255.0000, -0.0000,
-0.0000

■ 210.8270,
-10.3590, -16.0150

■ 183.2400,
-10.0840, -15.4920

■ 156.2400,
-10.0840, -15.4920

■ 130.6530, -9.8090,
-14.9690

■ 105.0660, -9.5340,
-14.4460

■ 80.5930, -9.5800,
-13.6120

■ 57.0060, -9.3050,

-13.0890

■ 35.2340, -9.9470,
-12.4670

■ 15.2620, -7.1500,
-13.5980

■ 239.4140,
-10.6340, -16.5380

■ 239.4140,
-10.6340, -16.5380

■ 229.4310,
-18.4720, -28.6800

■ 249.3970, -2.7960,
-4.3960

■ 219.0350,
-26.5850, -41.3450

■ 253.8260, 0.5500,
1.0460

■ 209.0520,
-34.4230, -53.4870

■ 199.0690,
-42.2610, -65.6290

■ 188.6730,
-50.3740, -78.2940

■ 178.6900,
-58.2120, -90.4360

■ 168.7070,
-66.0500, -102.5780

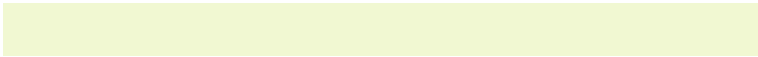
■ 158.6100,
-73.5670, -115.0310

■ 151.9310,
-79.2050, -122.9890

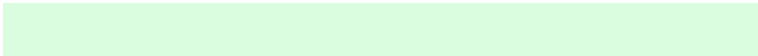
Harmonies

Analogous

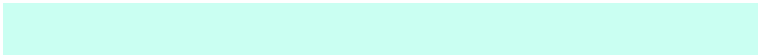
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



241.5750, 8.0260, -13.3020



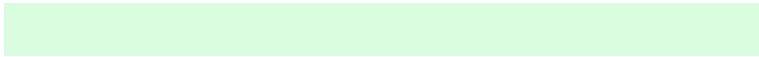
239.4140, -10.6340, -16.5380



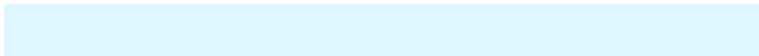
237.6710, -27.4150, -15.2790

Triad

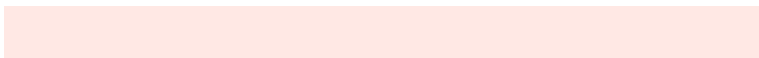
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



239.4140, -10.6340, -16.5380



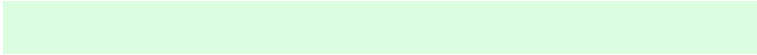
239.5510, -17.7890, -2.5010



238.4210, 14.9920, 3.6320

Complementary

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



239.4140, -10.6340, -16.5380



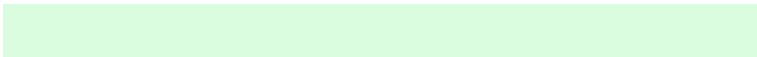
232.5860, 10.6340, 16.5380

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.



240.0000, 9.1680, 10.0640



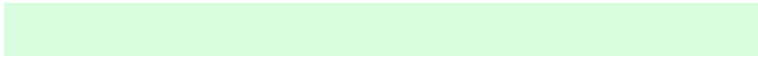
239.4140, -10.6340, -16.5380



243.5040, -1.2390, 5.9370

Square

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



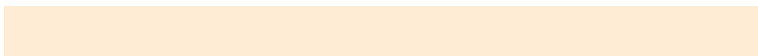
239.4140, -10.6340, -16.5380



237.3920, -30.7630, -9.6670



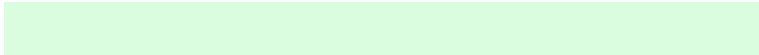
242.6730, 5.7750, 10.9830



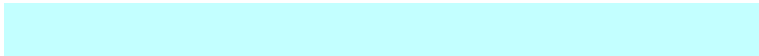
239.0590, 18.7070, -3.1250

Rectangle

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



239.4140, -10.6340, -16.5380



237.0600, -35.7600, -12.7200



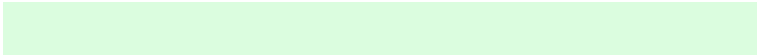
242.6730, 5.7750, 10.9830



238.5180, 13.3410, 6.0210

Sweetspot

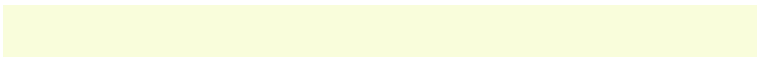
The Sweet Spot groups the original color and five complimentary colors.



239.4140, -10.6340, -16.5380



250.9840, -3.0710, -4.9190



247.9280, 8.5300, -11.4220



125.2230, -2.2460, -3.3500



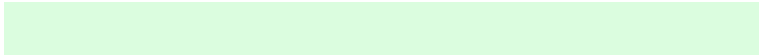
0.0000, 0.0000, 0.0000



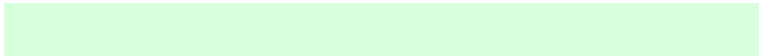
128.0000, -0.0000, -0.0000

Same Dimension

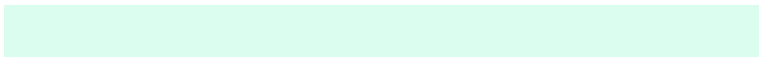
The Same Dimension uses a secret algorithm to generate beautiful new colors.



239.4140, -10.6340, -16.5380



238.6370, -12.8800, -19.8880



241.3520, -16.0910, -11.2510



122.7450, -3.8960, -6.4880



114.7390, -59.9080, -92.7400



38.4800, -20.1680, -30.9840

Inverse Universe

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



232.5860, 10.6340, 16.5380



230.3630, 12.8800, 19.8880



230.6480, 16.0910, 11.2510



120.1410, 4.2170, 6.1770



76.3750, 59.5870, 93.0510



25.5200, 20.1680, 30.9840

Previews

White Background



This preview shows how the YIQ color 239.4140, -10.6340, -16.5380 looks on a white background.

Color Contrast Check

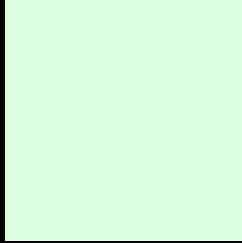
Large Text (above 18pt) WCAG AA × Fail

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 239.4140, -10.6340, -16.5380 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

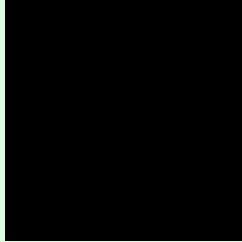
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

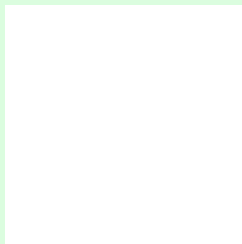
Any Text WCAG AAA ✓ Pass

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

YIQ 239.4140, -10.6340, -16.5380 Background



This preview shows how black text looks on a background with the YIQ color 239.4140, -10.6340, -16.5380.



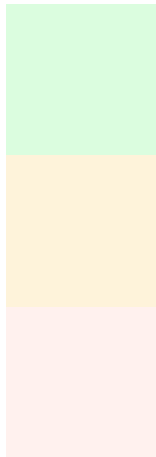
This preview shows how white text looks on a background with the YIQ color 239.4140, -10.6340, -16.5380.

-16.5380.

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

239.4140, -10.6340, -16.5380

Protanopia

243.4390, 14.5810, -5.4430

Deuteranopia

244.8440, 9.3070, 2.0350



Tritanopia

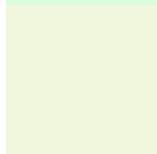
243.4490, -8.5740, 1.2020

Trichromacy



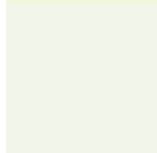
Original Color

239.4140, -10.6340, -16.5380



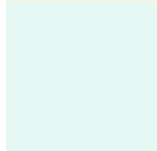
Protanomaly

242.1280, 5.0910, -9.6690



Deuteranomaly

242.7350, 2.0640, -4.3680



Tritanomaly

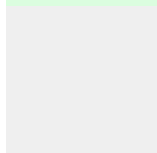
242.0480, -9.1230, -5.3710

Monochromacy



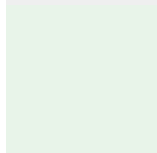
Original Color

239.4140, -10.6340, -16.5380



Achromatopsia

239.0000, -0.0000, -0.0000



Achromatomaly

239.1580, -3.6210, -5.9650

CSS Examples

Text

The CSS property to change the color of the text to YIQ 239.4140, -10.6340, -16.5380 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(219, 253, 223)` looks like.

```
.text, #text, p{  
    color:rgb(219, 253, 223)  
}
```

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(219, 253, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 253, 223) }
```

Border

The CSS property to change the border of an element to YIQ 239.4140, -10.6340, -16.5380 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(219, 253, 223) }
```


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

```
.border{ border-color:rgb(219, 253, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 253, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 253, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 253, 223);  
box-shadow:4px 4px 4px 4px rgb(219, 253,  
223) }
```

Background

The CSS property to change the background color of an element to YIQ 239.4140, -10.6340, -16.5380 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 253, 223) }
```

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

```
.background{ background-color: rgb(219,  
253, 223) }
```

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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