

Converting Colors

YIQ(241.3860, -13.4310,
-15.4070)

Have a look what the booklet for
YIQ(241.3860, -13.4310, -15.4070)
contains.

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Color

**YIQ(241.3860, -13.4310,
-15.4070)**

Conversions

Conversions Part 1

Format	Color
Hex	DBFFE6
RGB	219, 255, 230
RGB Percent	86%, 100%, 90%
CMY	0.1413, 0.0000, 0.0981
CMYK	0.14, 0.00, 0.10, 0.00
HSL	138°, 100%, 93%
HSV	138°, 14%, 100%
XYZ	79.2474, 92.2888, 88.4933
YIQ	241.3860, -13.4310, -15.4070

Conversions

Conversions Part 2

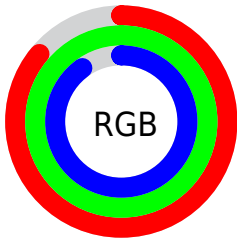
Format	Color
RYB	219, 247, 255
Decimal	14417894
CIELab	96.94, -16.20, 8.08
CIElCh	97, 18.104, 153.503
Yxy	92.2888, 0.3048, 0.3549
Android (android.graphics.Color)	4292607974 (0xFFDBFFE6)
YUV	241.3860, -5.6133, -19.6325
Hunter-Lab	96.0670, -20.8696, 12.6312

Details

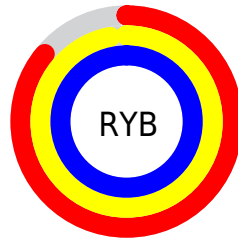
The YIQ color $241.3860, -13.4310, -15.4070$ is a light color, and the websafe version is hex $CCFFFF$. A complement of this color would be $232.6140, 13.4310, 15.4070$, and the grayscale version is $241.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $185.2120, -12.8810, -14.3610$ is the 20% darker color. If you saturate the color by 10%, you get $231.5600, -23.1490, -26.5170$, and if you desaturate by 10%, it is $250.9130, -4.3090, -4.5090$.

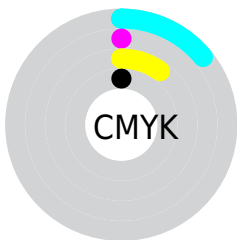
Distribution



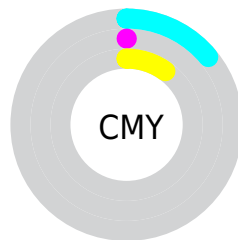
- Red (86%)
- Green (100%)
- Blue (90%)



- Red (86%)
- Yellow (97%)
- Blue (100%)



- Cyan (14%)
- Magenta (0%)
- Yellow (10%)
- Black (0%)



- Cyan (14%)
- Magenta (0%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 241.3860, -13.4310, -15.4070 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 241.3860, -13.4310, -15.4070 by changing the saturation by 10% instead.

■ 241.3860,
-13.4310, -15.4070

■ 241.3860,
-13.4310, -15.4070

255.0000, -0.0000,
-0.0000

■ 212.7990,
-13.1560, -14.8840

■ 185.0980,
-12.5600, -14.6720

■ 158.2120,
-12.8810, -14.3610

■ 131.9240,
-12.0100, -13.6260

■ 106.9240,
-12.0100, -13.6260

■ 82.3370, -11.7350,
-13.1030

■ 58.8640, -11.7810,

-12.2690

■ 36.3910, -11.8270,
-11.4350

■ 16.4190, -9.0300,
-12.5660

■ 241.3860,
-13.4310, -15.4070

■ 241.3860,
-13.4310, -15.4070

■ 231.5600,
-23.1490, -26.5170

■ 250.9130, -4.3090,
-4.5090

■ 222.1470,
-32.5920, -37.1040

255.0000, -0.0000,
-0.0000

■ 212.3210,
-42.3100, -48.2140

■ 202.7940,
-51.4320, -59.1120

■ 192.9680,
-61.1500, -70.2220

■ 183.5550,
-70.5930, -80.8090

■ 173.7290,
-80.3110, -91.9190

■ 164.2020,
-89.4330, -102.8170

■ 158.5770,
-95.1630, -109.1070

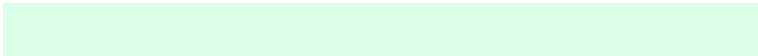
Harmonies

Analogous

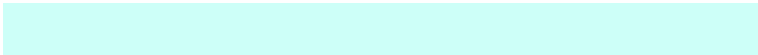
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



243.5360, 3.7620, -13.1180



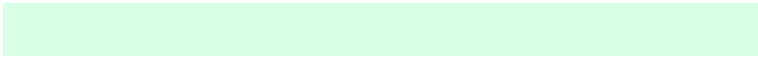
241.3860, -13.4310, -15.4070



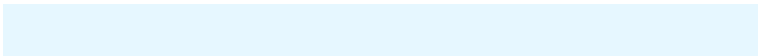
239.2520, -27.5530, -12.7770

Triad

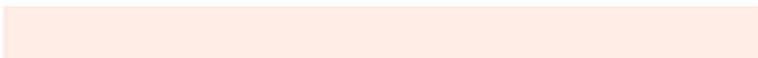
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



241.3860, -13.4310, -15.4070



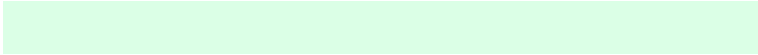
242.8290, -12.7000, -1.1160



240.7690, 13.8920, 1.5400

Complementary

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



241.3860, -13.4310, -15.4070



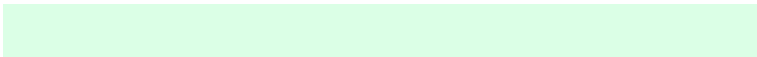
232.6140, 13.4310, 15.4070

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.



241.5330, 8.9850, 7.8730



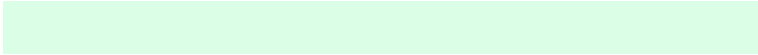
241.3860, -13.4310, -15.4070



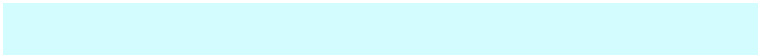
245.8850, 2.0620, 6.6860

Square

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



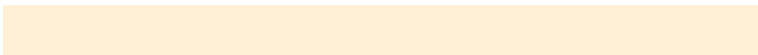
241.3860, -13.4310, -15.4070



240.0830, -25.3990, -7.7590



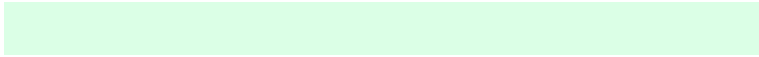
243.8470, 5.2250, 9.9370



241.6350, 16.9650, -4.5950

Rectangle

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



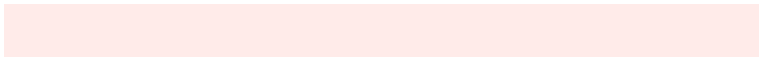
241.3860, -13.4310, -15.4070



238.8540, -32.1840, -11.4480



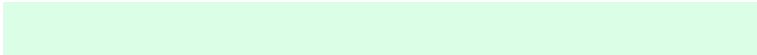
243.8470, 5.2250, 9.9370



240.7520, 12.5620, 3.6180

Sweetspot

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



241.3860, -13.4310, -15.4070



251.2120, -3.7130, -4.2970



247.6070, 5.0000, -13.5280



125.3370, -2.5670, -3.0390



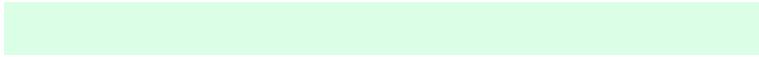
0.0000, 0.0000, 0.0000



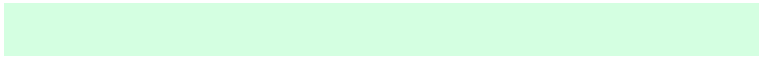
128.0000, -0.0000, -0.0000

Same Dimension

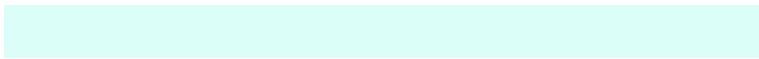
The Same Dimension uses a secret algorithm to generate beautiful new colors.



241.3860, -13.4310, -15.4070



238.7230, -15.9980, -18.4460



243.4380, -19.2090, -9.8090



123.0870, -4.8590, -5.5550



118.7290, -71.1430, -81.8550



39.7340, -23.6990, -27.5630

Inverse Universe

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



232.6140, 13.4310, 15.4070



228.2770, 15.9980, 18.4460



230.5620, 19.2090, 9.8090



119.9130, 4.8590, 5.5550



72.2710, 71.1430, 81.8550



24.1520, 24.0200, 27.2520

Previews

White Background



This preview shows how the YIQ color 241.3860, -13.4310, -15.4070 looks on a white background.

Color Contrast Check

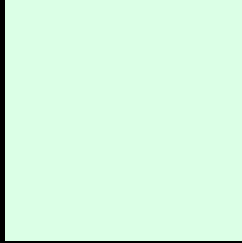
Large Text (above 18pt) WCAG AA × Fail

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 241.3860, -13.4310, -15.4070 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

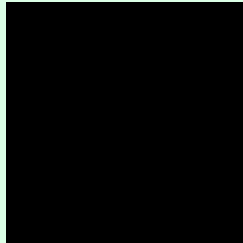
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

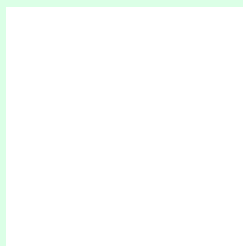
Any Text WCAG AAA ✓ Pass

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

YIQ 241.3860, -13.4310, -15.4070 Background



This preview shows how black text looks on a background with the YIQ color 241.3860, -13.4310, -15.4070.



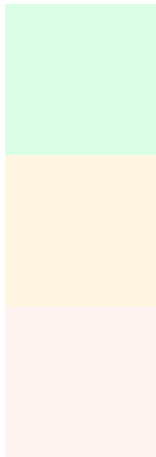
This preview shows how white text looks on a background with the YIQ color 241.3860, -13.4310, -15.4070.

-15.4070.

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

241.3860, -13.4310, -15.4070

Protanopia

245.7100, 12.3800, -4.1000

Deuteranopia

246.4740, 7.4730, 2.2330



Tritanopia

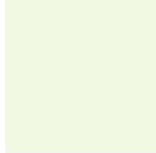
245.2210, -7.9320, 0.5800

Trichromacy



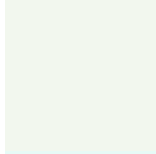
Original Color

241.3860, -13.4310, -15.4070



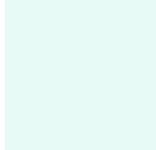
Protanomaly

244.3990, 2.8900, -8.3260



Deuteranomaly

244.4790, -0.0910, -3.8590



Tritanomaly

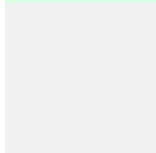
243.8630, -10.0400, -5.2720

Monochromacy



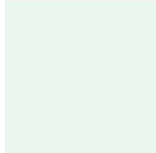
Original Color

241.3860, -13.4310, -15.4070



Achromatopsia

241.0000, -0.0000, -0.0000



Achromatomaly

241.0870, -4.8590, -5.5550

CSS Examples

Text

The CSS property to change the color of the text to YIQ 241.3860, -13.4310, -15.4070 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, 255, 230)` looks like.

```
.text, #text, p{  
    color:rgb(219, 255, 230)  
}
```

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, 255, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 255, 230) }
```

Border

The CSS property to change the border of an element to YIQ 241.3860, -13.4310, -15.4070 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, 255, 230) }
```


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

```
.border{ border-color:rgb(219, 255, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 255, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 255, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 255, 230);  
box-shadow:4px 4px 4px 4px rgb(219, 255,  
230) }
```

Background

The CSS property to change the background color of an element to YIQ 241.3860, -13.4310, -15.4070 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 255, 230) }
```

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

```
.background{ background-color: rgb(219,  
255, 230) }
```

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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