

Converting Colors

YIQ(241.3420, -10.1310,
-9.1310)

Have a look what the booklet for
YIQ(241.3420, -10.1310, -9.1310)
contains.

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Color

**YIQ(241.3420, -10.1310,
-9.1310)**

Conversions

Conversions Part 1

Format	Color
Hex	E2FAED
RGB	226, 250, 237
RGB Percent	89%, 98%, 93%
CMY	0.1138, 0.0195, 0.0706
CMYK	0.10, 0.00, 0.05, 0.02
HSL	147°, 71%, 93%
HSV	147°, 10%, 98%
XYZ	80.8325, 90.6575, 93.3532
YIQ	241.3420, -10.1310, -9.1310

Conversions

Conversions Part 2

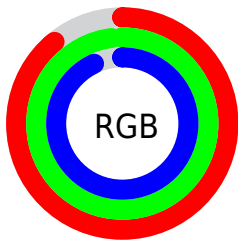
Format	Color
R _Y B	226, 242, 250
Decimal	14875373
CIE Lab	96.27, -10.20, 3.57
CIE LCh	96, 10.806, 160.724
Yxy	90.6575, 0.3052, 0.3423
Android (android.graphics.Color)	4293065453 (0xFFE2FAED)
YUV	241.3420, -2.1406, -13.4549
Hunter-Lab	95.2142, -15.0867, 8.5188

Details

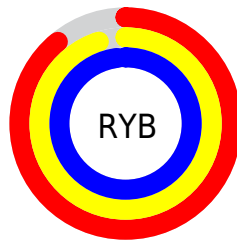
The YIQ color $241.3420, -10.1310, -9.1310$ is a light color, and the websafe version is hex $CCFFFF$. A complement of this color would be $234.6580, 10.1310, 9.1310$, and the grayscale version is $241.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $185.6410, -9.5350, -8.9190$ is the 20% darker color. If you saturate the color by 10%, you get $232.2710, -20.5370, -18.7850$, and if you desaturate by 10%, it is $250.4130, 0.2750, 0.5230$.

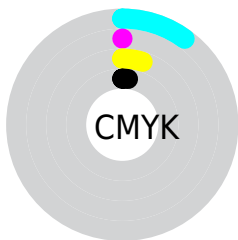
Distribution



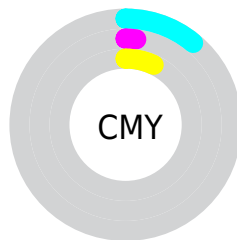
- Red (89%)
- Green (98%)
- Blue (93%)



- Red (89%)
- Yellow (95%)
- Blue (98%)



- Cyan (10%)
- Magenta (0%)
- Yellow (5%)
- Black (2%)



- Cyan (11%)
- Magenta (2%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 241.3420, -10.1310, -9.1310 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 241.3420, -10.1310, -9.1310 by changing the saturation by 10% instead.

241.3420,
-10.1310, -9.1310

241.3420,
-10.1310, -9.1310

255.0000, -0.0000,
-0.0000

212.7550, -9.8560,
-8.6080

185.6410, -9.5350,
-8.9190

158.0540, -9.2600,
-8.3960

132.0540, -9.2600,
-8.3960

106.4670, -8.9850,
-7.8730

82.7660, -8.3890,
-7.6610

59.1790, -8.1140,

-7.1380

■ 37.5920, -7.8390,
-6.6150

■ 15.5700, -10.7730,
-8.5090

■ 241.3420,
-10.1310, -9.1310

■ 241.3420,
-10.1310, -9.1310

■ 232.2710,
-20.5370, -18.7850

■ 250.4130, 0.2750,
0.5230

■ 223.3140,
-31.2640, -28.1280

■ 252.0650, 1.3750,
2.6150

■ 214.2430,
-41.6700, -37.7820

■ 205.2860,
-52.3970, -47.1250

■ 196.2150,
-62.8030, -56.7790

■ 187.2580,
-73.5300, -66.1220

■ 178.1870,
-83.9360, -75.7760

■ 169.2300,
-94.6630, -85.1190

■ 160.1590,
-105.0690, -94.7730

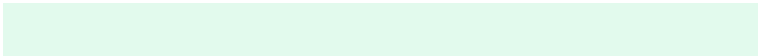
Harmonies

Analogous

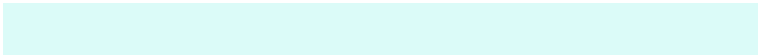
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



242.4310, -0.1360, -8.5520



241.3420, -10.1310, -9.1310



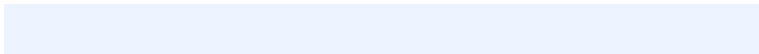
241.0900, -18.1090, -7.7170

Triad

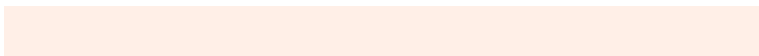
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



241.3420, -10.1310, -9.1310



243.4600, -7.1070, 2.1490



242.8720, 12.1040, 0.9040

Complementary

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



241.3420, -10.1310, -9.1310



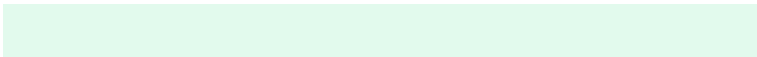
234.6580, 10.1310, 9.1310

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.



242.8380, 9.4440, 5.0600



241.3420, -10.1310, -9.1310



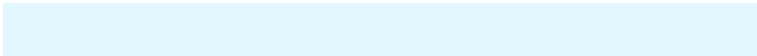
244.9990, 1.7410, 6.9970

Square

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



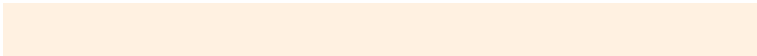
241.3420, -10.1310, -9.1310



241.6330, -15.0840, -1.9640



244.5650, 5.9590, 7.6470



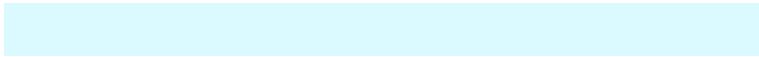
243.3620, 13.4800, -2.0080

Rectangle

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



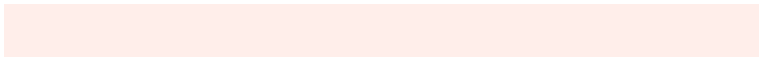
241.3420, -10.1310, -9.1310



241.3010, -20.0810, -5.0170



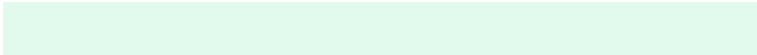
244.5650, 5.9590, 7.6470



242.6270, 11.4160, 2.3600

Sweetspot

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



241.3420, -10.1310, -9.1310



252.1520, -3.4840, -2.9400



243.9750, 1.1480, -9.7960



125.8640, -2.6130, -2.2050



0.0000, 0.0000, 0.0000



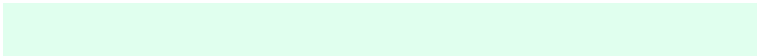
128.0000, -0.0000, -0.0000

Same Dimension

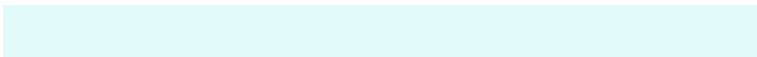
The Same Dimension uses a secret algorithm to generate beautiful new colors.



241.3420, -10.1310, -9.1310



243.7930, -13.0190, -11.8590



242.7100, -13.9830, -5.3990



120.3150, -5.5010, -4.9330



120.7470, -79.5810, -72.1010



38.9990, -25.7630, -23.1950

Inverse Universe

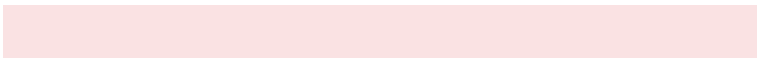
The Inverse Universe completely reimagines the original color for something new.



234.6580, 10.1310, 9.1310



235.2070, 13.0190, 11.8590



233.2900, 13.9830, 5.3990



116.6850, 5.5010, 4.9330



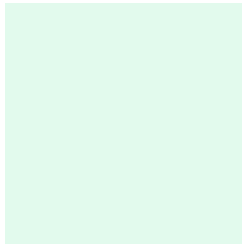
68.1390, 79.9020, 71.7900



22.0010, 25.7630, 23.1950

Previews

White Background



This preview shows how the YIQ color 241.3420, -10.1310, -9.1310 looks on a white background.

Color Contrast Check

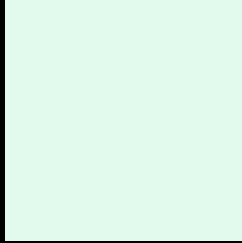
Large Text (above 18pt) WCAG AA × Fail

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 241.3420, -10.1310, -9.1310 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

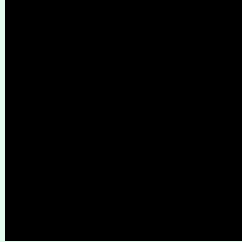
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

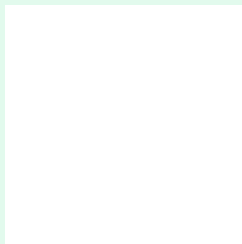
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 241.3420, -10.1310, -9.1310

Background



This preview shows how black text looks on a background with the YIQ color 241.3420, -10.1310, -9.1310.



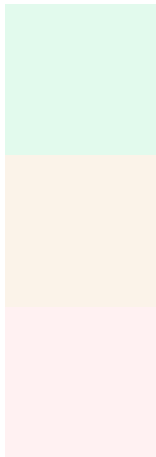
This preview shows how white text looks on a background with the YIQ color 241.3420, -10.1310, -9.1310.

-9.1310.

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

241.3420, -10.1310, -9.1310

Protanopia

244.2520, 7.9780, -1.4140

Deuteranopia

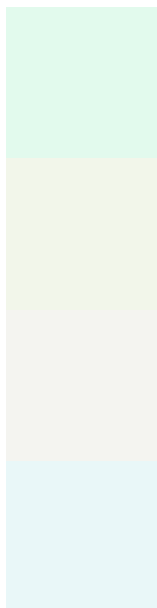
245.3000, 8.0230, 3.2790



Tritanopia

243.7480, -7.9780, 1.4140

Trichromacy



Original Color

241.3420, -10.1310, -9.1310

Protanomaly

243.4360, 1.4680, -4.5800

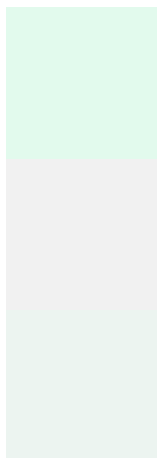
Deuteranomaly

243.5440, 1.2840, -1.2440

Tritanomaly

242.9280, -8.6650, -2.6570

Monochromacy



Original Color

241.3420, -10.1310, -9.1310

Achromatopsia

241.0000, -0.0000, -0.0000

Achromatomaly

241.1520, -3.4840, -2.9400

CSS Examples

Text

The CSS property to change the color of the text to YIQ 241.3420, -10.1310, -9.1310 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(226, 250, 237)` looks like.

```
.text, #text, p{  
    color:rgb(226, 250, 237)  
}
```

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(226, 250, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 250, 237) }
```

Border

The CSS property to change the border of an element to YIQ 241.3420, -10.1310, -9.1310 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(226, 250, 237) }
```


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

```
.border{ border-color:rgb(226, 250, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 250, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 250, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 250, 237);  
box-shadow:4px 4px 4px 4px rgb(226, 250,  
237) }
```

Background

The CSS property to change the background color of an element to YIQ 241.3420, -10.1310, -9.1310 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 250, 237) }
```

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

```
.background{ background-color: rgb(226,  
250, 237) }
```

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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