

Converting Colors

YIQ(241.2160, -18.7040,
-13.4560)

Have a look what the booklet for
YIQ(241.2160, -18.7040, -13.4560)
contains.

YIQ(241.2160, -18.7040, -13.4560)	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(241.2160, -18.7040,
-13.4560)**

Conversions

Conversions Part 1

Format	Color
Hex	D7FFEF
RGB	215, 255, 239
RGB Percent	84%, 100%, 94%
CMY	0.1570, 0.0000, 0.0628
CMYK	0.16, 0.00, 0.06, 0.00
HSL	156°, 100%, 92%
HSV	156°, 16%, 100%
XYZ	79.3541, 92.1941, 95.2620
YIQ	241.2160, -18.7040, -13.4560

Conversions

Conversions Part 2

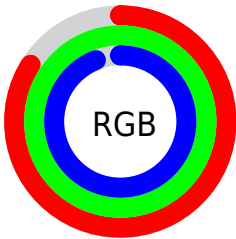
Format	Color
R _Y B	215, 240, 255
Decimal	14155759
CIE Lab	96.90, -15.82, 3.37
CIE LCh	97, 16.179, 167.983
Yxy	92.1941, 0.2974, 0.3455
Android (android.graphics.Color)	4292345839 (0xFFD7FFEF)
YUV	241.2160, -1.0925, -22.9914
Hunter-Lab	96.0177, -20.5093, 8.3891

Details

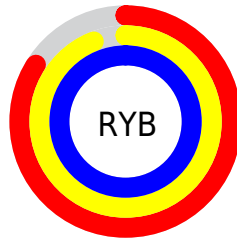
The YIQ color $241.2160, -18.7040, -13.4560$ is a light color, and the websafe version is hex $CCFFFF$. A complement of this color would be $228.7840, 18.7040, 13.4560$, and the grayscale version is $241.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $184.9280, -17.8330, -12.7210$ is the 20% darker color. If you saturate the color by 10%, you get $232.3020, -30.9900, -22.0780$, and if you desaturate by 10%, it is $249.8310, -7.0140, -5.0460$.

Distribution



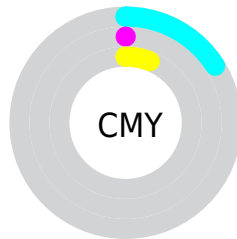
- Red (84%)
- Green (100%)
- Blue (94%)



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



- Cyan (16%)
- Magenta (0%)
- Yellow (6%)
- Black (0%)



- Cyan (16%)
- Magenta (0%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 241.2160, -18.7040, -13.4560 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 241.2160, -18.7040, -13.4560 by changing the saturation by 10% instead.

■ 241.2160,
-18.7040, -13.4560

■ 241.2160,
-18.7040, -13.4560

255.0000, -0.0000,
-0.0000

■ 212.6290,
-18.4290, -12.9330

■ 184.9280,
-17.8330, -12.7210

■ 157.9280,
-17.8330, -12.7210

■ 131.6400,
-16.9620, -11.9860

■ 106.6400,
-16.9620, -11.9860

■ 82.0530, -16.6870,
-11.4630

■ 58.4660, -16.4120,

-10.9400

■ 35.5800, -16.7330,
-10.6290

■ 18.1460, -12.5150,
-9.9790

■ 241.2160,
-18.7040, -13.4560

■ 241.2160,
-18.7040, -13.4560

■ 232.3020,
-30.9900, -22.0780

■ 249.8310, -7.0140,
-5.0460

■ 223.6870,
-42.6800, -30.4880

255.0000, -0.0000,
-0.0000

■ 214.6590,
-54.6450, -39.4210

■ 206.0440,
-66.3350, -47.8310

■ 197.1300,
-78.6210, -56.4530

■ 188.5150,
-90.3110, -64.8630

■ 179.6010,
-102.5970, -73.4850

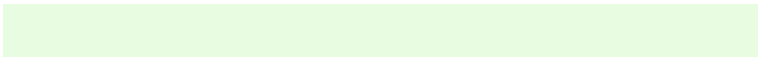
■ 170.8720,
-113.9660, -82.2060

■ 167.1270,
-119.2380, -85.7820

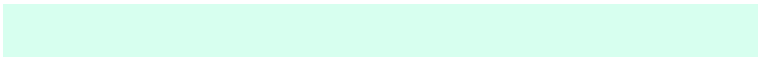
Harmonies

Analogous

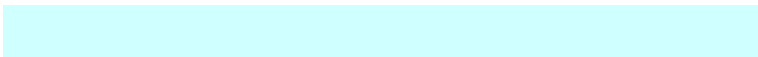
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



242.6430, -3.8490, -12.8490



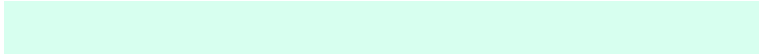
241.2160, -18.7040, -13.4560



240.6480, -28.6080, -10.1760

Triad

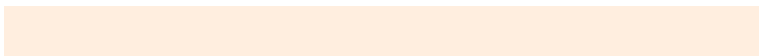
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



241.2160, -18.7040, -13.4560



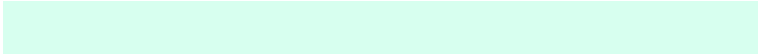
244.3570, -5.3190, 2.7850



241.3730, 14.9470, -1.0610

Complementary

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



241.2160, -18.7040, -13.4560



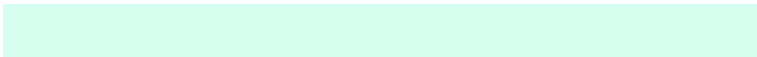
228.7840, 18.7040, 13.4560

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.



241.7950, 11.0030, 4.3390



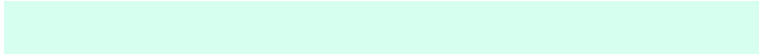
241.2160, -18.7040, -13.4560



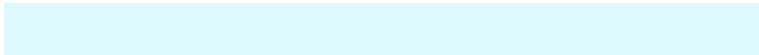
245.6080, 4.4000, 8.3680

Square

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



241.2160, -18.7040, -13.4560



241.6110, -18.0180, -3.8580



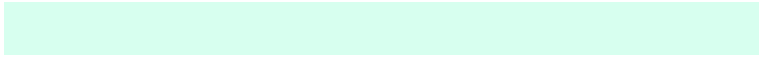
243.6190, 5.8670, 9.3150



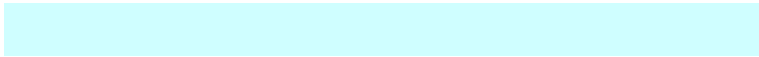
243.5100, 15.8190, -5.8530

Rectangle

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



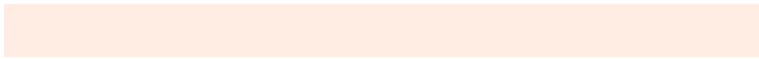
241.2160, -18.7040, -13.4560



240.0610, -28.3330, -9.6530



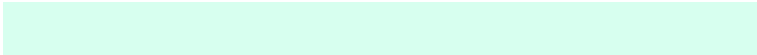
243.6190, 5.8670, 9.3150



241.2420, 13.9380, 0.7060

Sweetspot

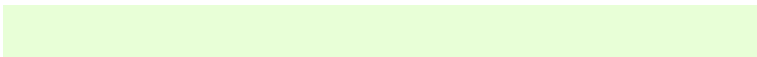
The Sweet Spot groups the original color and five complimentary colors.



241.2160, -18.7040, -13.4560



250.5430, -6.1430, -4.3110



243.5630, -0.8680, -17.3160



125.1520, -3.4840, -2.9400



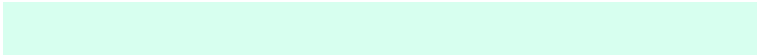
0.0000, 0.0000, 0.0000



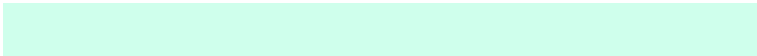
128.0000, -0.0000, -0.0000

Same Dimension

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



241.2160, -18.7040, -13.4560



238.4820, -22.5090, -16.0850



241.2790, -23.0150, -6.9110



123.4290, -5.8220, -4.6220



125.2270, -89.4400, -64.1280



41.9000, -29.7980, -21.6540

Inverse Universe

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



228.7840, 18.7040, 13.4560



223.5180, 22.5090, 16.0850



228.7210, 23.0150, 6.9110



119.4570, 6.1430, 4.3110



65.8870, 89.1190, 64.4390



22.1000, 29.7980, 21.6540

Previews

White Background



This preview shows how the YIQ color 241.2160, -18.7040, -13.4560 looks on a white background.

Color Contrast Check

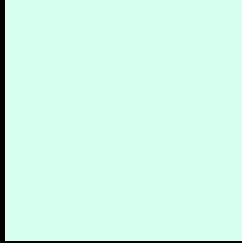
Large Text (above 18pt) WCAG AA × Fail

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 241.2160, -18.7040, -13.4560 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

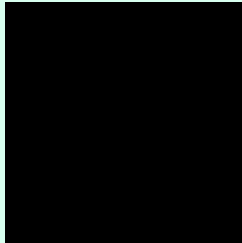
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

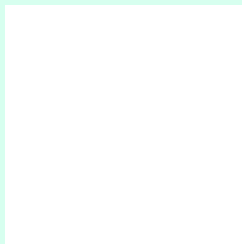
Any Text WCAG AAA ✓ Pass

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

YIQ 241.2160, -18.7040, -13.4560 Background



This preview shows how black text looks on a background with the YIQ color 241.2160, -18.7040, -13.4560.



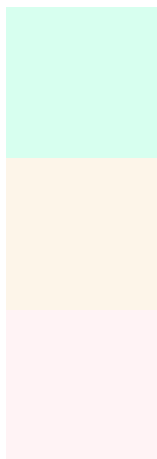
This preview shows how white text looks on a background with the YIQ color 241.2160, -18.7040, -13.4560.

-13.4560.

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

241.2160, -18.7040, -13.4560

Protanopia

246.0240, 8.6200, -2.0360

Deuteranopia

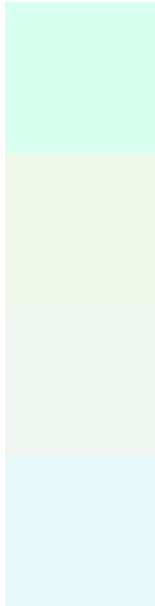
246.8160, 6.5100, 3.1660



Tritanopia

244.9220, -8.5280, 0.3680

Trichromacy



Original Color

241.2160, -18.7040, -13.4560

Protanomaly

244.4140, -1.4660, -6.4740

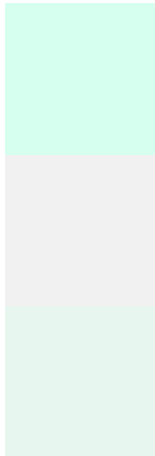
Deuteranomaly

244.4510, -2.8880, -2.7280

Tritanomaly

243.6070, -12.1950, -4.7630

Monochromacy



Original Color

241.2160, -18.7040, -13.4560

Achromatopsia

241.0000, -0.0000, -0.0000

Achromatomaly

241.1300, -6.4180, -4.8340

CSS Examples

Text

The CSS property to change the color of the text to YIQ 241.2160, -18.7040, -13.4560 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(215, 255, 239)` looks like.

```
.text, #text, p{  
    color:rgb(215, 255, 239)  
}
```

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(215, 255, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 255, 239) }
```

Border

The CSS property to change the border of an element to YIQ 241.2160, -18.7040, -13.4560 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(215, 255, 239) }
```


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

```
.border{ border-color:rgb(215, 255, 239) }
```

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

Here you see how a box with a 4 pixel rgb(215, 255, 239) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 255, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 255, 239);  
box-shadow:4px 4px 4px 4px rgb(215, 255,  
239) }
```

Background

The CSS property to change the background color of an element to YIQ 241.2160, -18.7040, -13.4560 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 255, 239) }
```

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

```
.background{ background-color: rgb(215,  
255, 239) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor