

Converting Colors

YIQ(241.5860, -16.8700,
-13.6540)

Have a look what the booklet for
YIQ(241.5860, -16.8700, -13.6540)
contains.

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Color

**YIQ(241.5860, -16.8700,
-13.6540)**

Conversions

Conversions Part 1

Format	Color
Hex	D9FFED
RGB	217, 255, 237
RGB Percent	85%, 100%, 93%
CMY	0.1491, 0.0000, 0.0706
CMYK	0.15, 0.00, 0.07, 0.00
HSL	152°, 100%, 93%
HSV	152°, 15%, 100%
XYZ	79.6517, 92.3814, 93.7437
YIQ	241.5860, -16.8700, -13.6540

Conversions

Conversions Part 2

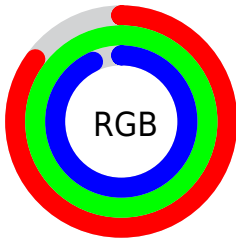
Format	Color
RYB	217, 242, 255
Decimal	14286829
CIELab	96.98, -15.57, 4.52
CIELCh	97, 16.210, 163.802
Yxy	92.3814, 0.2997, 0.3476
Android (android.graphics.Color)	4292476909 (0xFFD9FFED)
YUV	241.5860, -2.2609, -21.5619
Hunter-Lab	96.1152, -20.2769, 9.4536

Details

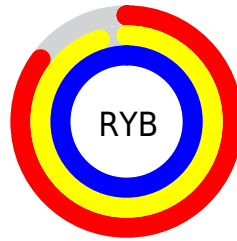
The YIQ color $241.5860, -16.8700, -13.6540$ is a light color, and the websafe version is hex $CCFFFF$. A complement of this color would be $230.4140, 16.8700, 13.6540$, and the grayscale version is $242.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $185.2980, -15.9990, -12.9190$ is the 20% darker color. If you saturate the color by 10%, you get $232.4440, -28.5140, -22.8980$, and if you desaturate by 10%, it is $250.4290, -5.8220, -4.6220$.

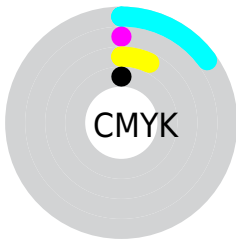
Distribution



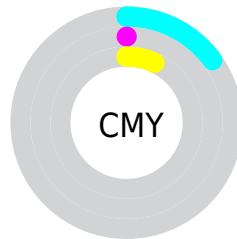
- Red (85%)
- Green (100%)
- Blue (93%)



- Red (85%)
- Yellow (95%)
- Blue (100%)



- Cyan (15%)
- Magenta (0%)
- Yellow (7%)
- Black (0%)



- Cyan (15%)
- Magenta (0%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 241.5860, -16.8700, -13.6540 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 241.5860, -16.8700, -13.6540 by changing the saturation by 10% instead.

■ 241.5860,
-16.8700, -13.6540

■ 241.5860,
-16.8700, -13.6540

255.0000, -0.0000,
-0.0000

■ 212.9990,
-16.5950, -13.1310

■ 185.2980,
-15.9990, -12.9190

■ 158.2980,
-15.9990, -12.9190

■ 132.0100,
-15.1280, -12.1840

■ 107.0100,
-15.1280, -12.1840

■ 82.4230, -14.8530,
-11.6610

■ 58.8360, -14.5780,

-11.1380

■ 36.0640, -15.2200,
-10.5160

■ 17.3310, -11.5980,
-10.0780

■ 241.5860,
-16.8700, -13.6540

■ 241.5860,
-16.8700, -13.6540

■ 232.4440,
-28.5140, -22.8980

■ 250.4290, -5.8220,
-4.6220

■ 223.6010,
-39.5620, -31.9300

255.0000, -0.0000,
-0.0000

■ 214.4590,
-51.2060, -41.1740

■ 205.6160,
-62.2540, -50.2060

■ 196.4740,
-73.8980, -59.4500

■ 187.6310,
-84.9460, -68.4820

■ 178.3750,
-96.2690, -78.0370

■ 169.5320,
-107.3170, -87.0690

■ 164.9610,
-113.1390, -91.6910

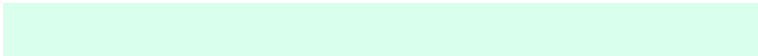
Harmonies

Analogous

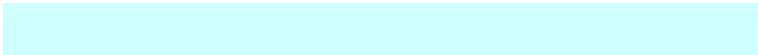
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



243.0130, -2.0150, -13.0470



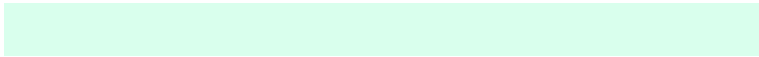
241.5860, -16.8700, -13.6540



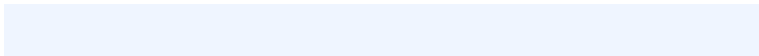
240.4200, -27.9660, -10.7980

Triad

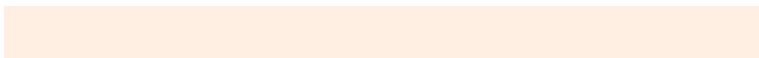
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



241.5860, -16.8700, -13.6540



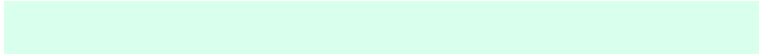
244.3460, -6.7860, 1.8380



241.6010, 14.3050, -0.4390

Complementary

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



241.5860, -16.8700, -13.6540



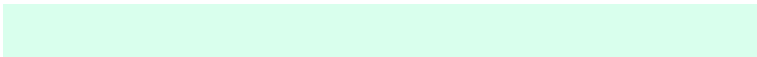
230.4140, 16.8700, 13.6540

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.



242.0230, 10.3610, 4.9610



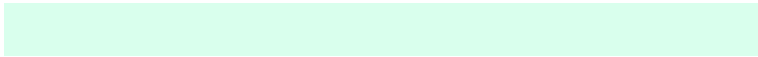
241.5860, -16.8700, -13.6540



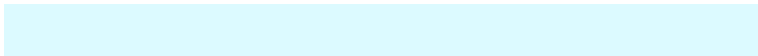
246.1950, 4.1250, 7.8450

Square

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



241.5860, -16.8700, -13.6540



241.6000, -19.4850, -4.8050



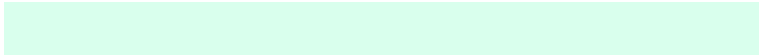
243.8470, 5.2250, 9.9370



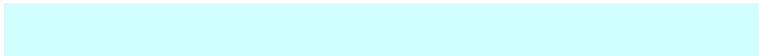
242.9230, 16.0940, -5.3300

Rectangle

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



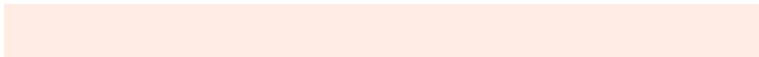
241.5860, -16.8700, -13.6540



240.6480, -28.6080, -10.1760



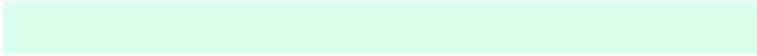
243.8470, 5.2250, 9.9370



241.4700, 13.2960, 1.3280

Sweetspot

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



241.5860, -16.8700, -13.6540



251.4400, -4.3550, -3.6750



244.6880, 0.2780, -16.0580



125.4510, -2.8880, -2.7280



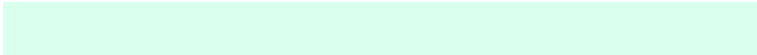
0.0000, 0.0000, 0.0000



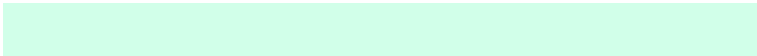
128.0000, -0.0000, -0.0000

Same Dimension

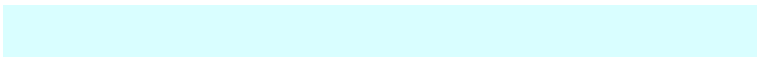
The Same Dimension uses a secret algorithm to generate beautiful new colors.



241.5860, -16.8700, -13.6540



238.7380, -20.3540, -16.5940



243.0510, -22.3730, -7.5330



123.3150, -5.5010, -4.9330



123.6310, -84.9460, -68.4820



41.4440, -28.5140, -22.8980

Inverse Universe

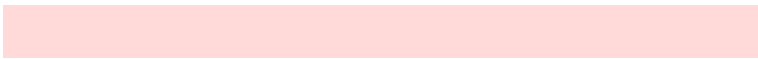
The Inverse Universe completely reimagines the original color for something new.



230.4140, 16.8700, 13.6540



225.2620, 20.3540, 16.5940



228.9490, 22.3730, 7.5330



119.5710, 5.8220, 4.6220



67.4830, 84.6250, 68.7930



22.5560, 28.5140, 22.8980

Previews

White Background



This preview shows how the YIQ color 241.5860, -16.8700, -13.6540 looks on a white background.

Color Contrast Check

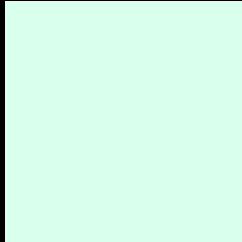
Large Text (above 18pt) WCAG AA × Fail

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 241.5860, -16.8700, -13.6540 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

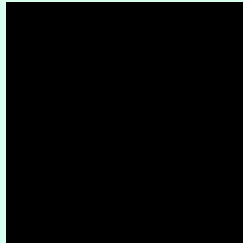
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

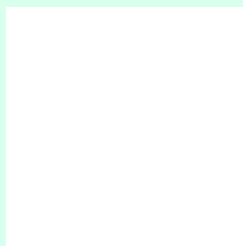
Any Text WCAG AAA ✓ Pass

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

YIQ 241.5860, -16.8700, -13.6540 Background



This preview shows how black text looks on a background with the YIQ color 241.5860, -16.8700, -13.6540.



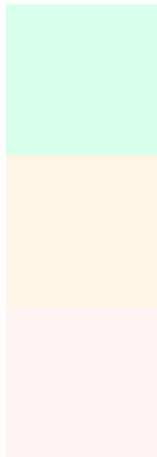
This preview shows how white text looks on a background with the YIQ color 241.5860, -16.8700, -13.6540.

-13.6540.

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

241.5860, -16.8700, -13.6540

Protanopia

246.0950, 9.8580, -2.4460

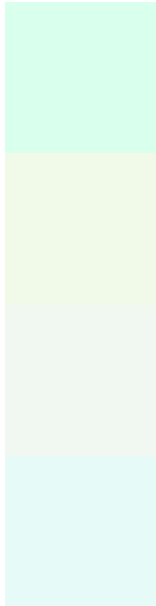
Deuteranopia

246.7020, 6.8310, 2.8550

Tritanopia

245.2210, -7.9320, 0.5800

Trichromacy



Original Color

241.5860, -16.8700, -13.6540

Protanomaly

244.7840, 0.3680, -6.6720

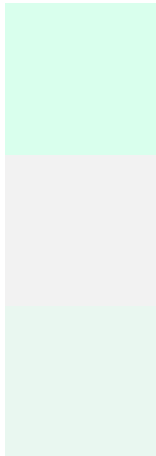
Deuteranomaly

244.5220, -1.6500, -3.1380

Tritanomaly

243.7920, -11.2780, -4.8620

Monochromacy



Original Color

241.5860, -16.8700, -13.6540

Achromatopsia

242.0000, -0.0000, 0.0000

Achromatomaly

242.0160, -6.0970, -5.1450

CSS Examples

Text

The CSS property to change the color of the text to YIQ 241.5860, -16.8700, -13.6540 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(217, 255, 237)` looks like.

```
.text, #text, p{  
    color:rgb(217, 255, 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(217, 255, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 255, 237) }
```

Border

The CSS property to change the border of an element to YIQ 241.5860, -16.8700, -13.6540 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(217, 255, 237) }
```


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

```
.border{ border-color:rgb(217, 255, 237) }
```

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

Here you see how a box with a 4 pixel rgb(217, 255, 237) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 255, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 255, 237);  
box-shadow:4px 4px 4px 4px rgb(217, 255,  
237) }
```

Background

The CSS property to change the background color of an element to YIQ 241.5860, -16.8700, -13.6540 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 255, 237) }
```

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

```
.background{ background-color: rgb(217,  
255, 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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