

Converting Colors

YIQ(235.6860, -5.4080,
-12.1280)

Have a look what the booklet for
YIQ(235.6860, -5.4080, -12.1280)
contains.

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Color

**YIQ(235.6860, -5.4080,
-12.1280)**

Conversions

Conversions Part 1

Format	Color
Hex	DFF5DD
RGB	223, 245, 221
RGB Percent	87%, 96%, 87%
CMY	0.1256, 0.0392, 0.1333
CMYK	0.09, 0.00, 0.10, 0.04
HSL	115°, 55%, 91%
HSV	115°, 10%, 96%
XYZ	76.1324, 86.2160, 81.0349
YIQ	235.6860, -5.4080, -12.1280

Conversions

Conversions Part 2

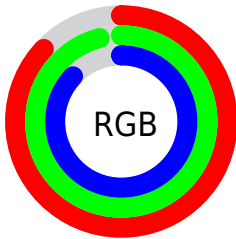
Format	Color
R_{YB}	221, 245, 243
Decimal	14677469
CIE _{Lab}	94.40, -11.53, 9.11
CIE _{LCh}	94, 14.693, 141.697
Yxy	86.2160, 0.3128, 0.3542
Android (android.graphics.Color)	4292867549 (0xFFDFF5DD)
YUV	235.6860, -7.2402, -11.1256
Hunter-Lab	92.8526, -16.1350, 13.2529

Details

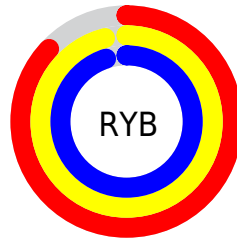
The YIQ color $235.6860, -5.4080, -12.1280$ is a light color, and the websafe version is hex $CCFFFF$. A complement of this color would be $230.3140, 5.4080, 12.1280$, and the grayscale version is $236.0000, 0.0000, -0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $180.0990, -5.1330, -11.6050$ is the 20% darker color. If you saturate the color by 10%, you get $226.2580, -10.4950, -24.5670$, and if you desaturate by 10%, it is $245.1140, -0.3210, 0.3110$.

Distribution



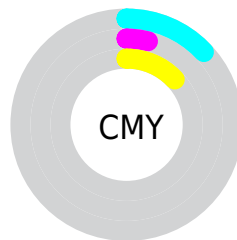
- Red (87%)
- Green (96%)
- Blue (87%)



- Red (87%)
- Yellow (96%)
- Blue (95%)



- Cyan (9%)
- Magenta (0%)
- Yellow (10%)
- Black (4%)



- Cyan (13%)
- Magenta (4%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 235.6860, -5.4080, -12.1280 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 235.6860, -5.4080, -12.1280 by changing the saturation by 10% instead.

■ 235.6860, -5.4080,
-12.1280

■ 235.6860, -5.4080,
-12.1280

255.0000, -0.0000,
-0.0000

■ 207.6860, -5.4080,
-12.1280

■ 180.0990, -5.1330,
-11.6050

■ 153.2130, -5.4540,
-11.2940

■ 126.9250, -4.5830,
-10.5590

■ 102.0390, -4.9040,
-10.2480

■ 78.0390, -4.9040,
-10.2480

■ 54.8650, -4.3540,

-9.2020

■ 33.2780, -4.0790,
-8.6790

■ 12.3270, -5.7750,
-10.9830

■ 235.6860, -5.4080,
-12.1280

■ 235.6860, -5.4080,
-12.1280

■ 226.2580,
-10.4950, -24.5670

■ 245.1140, -0.3210,
0.3110

■ 216.6450,
-16.4990, -36.9070

■ 249.1300, 2.7500,
5.2300

■ 207.2170,
-21.5860, -49.3460

■ 197.6040,
-27.5900, -61.6860

■ 188.1760,
-32.6770, -74.1250

■ 178.5630,
-38.6810, -86.4650

■ 169.1350,
-43.7680, -98.9040

■ 159.5220,
-49.7720, -111.2440

■ 150.0940,
-54.8590, -123.6830

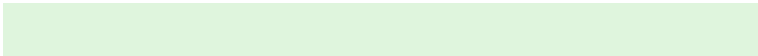
Harmonies

Analogous

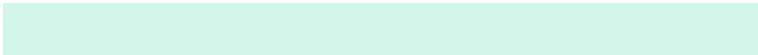
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



237.2100, 7.7960, -9.1320



235.6860, -5.4080, -12.1280



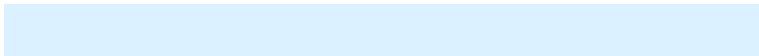
234.4550, -17.8790, -11.8870

Triad

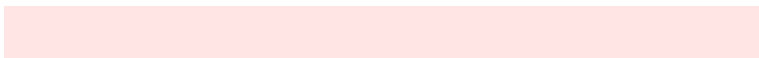
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



235.6860, -5.4080, -12.1280



236.0180, -17.6060, -0.3100



237.3610, 15.2210, 4.9890

Complementary

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



235.6860, -5.4080, -12.1280



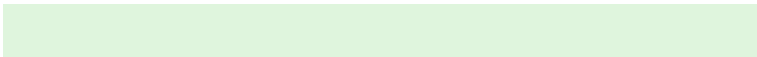
230.3140, 5.4080, 12.1280

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.



238.9570, 10.7270, 9.3430



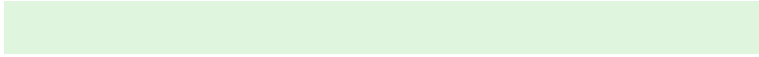
235.6860, -5.4080, -12.1280



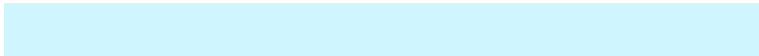
239.0520, -5.7780, 5.5980

Square

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



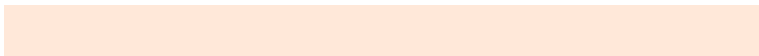
235.6860, -5.4080, -12.1280



234.7780, -25.8580, -4.9460



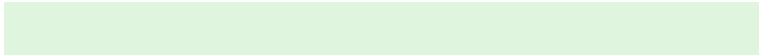
241.2000, 5.7290, 11.8170



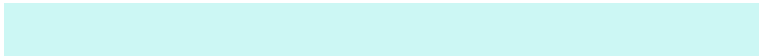
237.1670, 18.5230, 0.2110

Rectangle

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



235.6860, -5.4080, -12.1280



233.8010, -24.6650, -10.0490



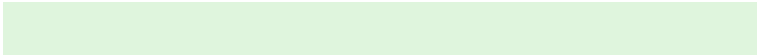
241.2000, 5.7290, 11.8170



237.3440, 13.8910, 7.0670

Sweetspot

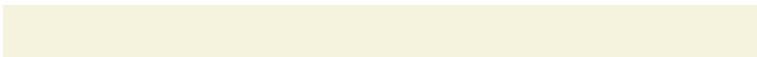
The Sweet Spot groups the original color and five complimentary colors.



235.6860, -5.4080, -12.1280



251.9950, -1.6040, -3.9720



241.0900, 8.2540, -6.4180



125.8210, -1.0540, -2.9260



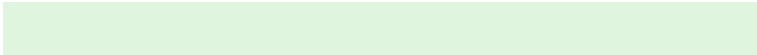
0.0000, 0.0000, 0.0000



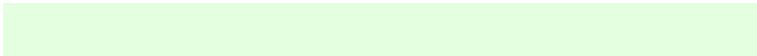
128.0000, -0.0000, -0.0000

Same Dimension

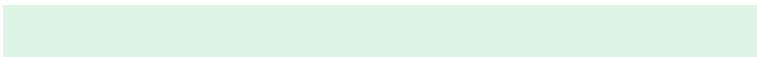
The Same Dimension uses a secret algorithm to generate beautiful new colors.



235.6860, -5.4080, -12.1280



243.0940, -6.7370, -15.5770



236.2280, -9.8100, -9.4420



117.3430, -2.7040, -6.0640



113.6670, -42.2100, -94.0980



36.1280, -13.2450, -29.7970

Inverse Universe

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



230.3140, 5.4080, 12.1280



235.9060, 6.7370, 15.5770



229.7720, 9.8100, 9.4420



114.6570, 2.7040, 6.0640



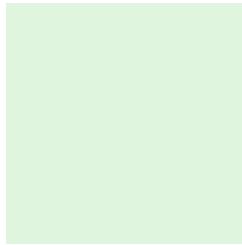
72.3330, 42.2100, 94.0980



22.8720, 13.2450, 29.7970

Previews

White Background



This preview shows how the YIQ color 235.6860, -5.4080, -12.1280 looks on a white background.

Color Contrast Check

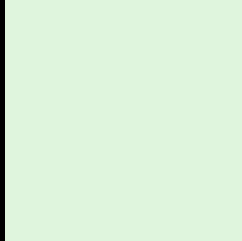
Large Text (above 18pt) WCAG AA × Fail

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 235.6860, -5.4080, -12.1280 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

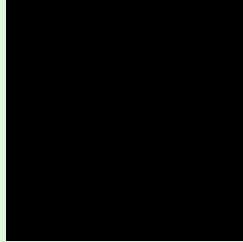
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

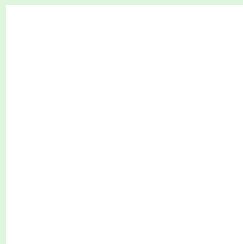
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 235.6860, -5.4080, -12.1280

Background



This preview shows how black text looks on a background with the YIQ color 235.6860, -5.4080, -12.1280.



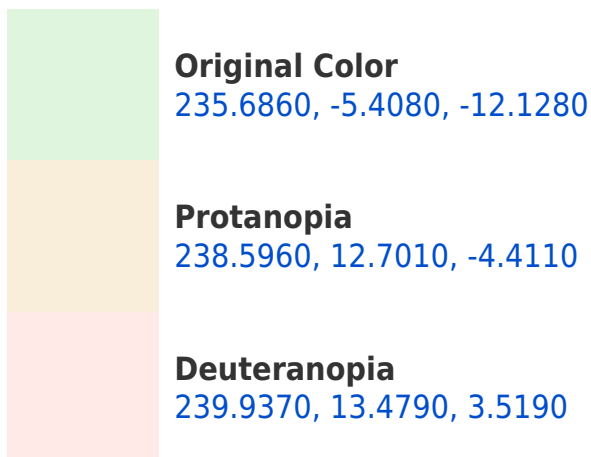
This preview shows how white text looks on a background with the YIQ color 235.6860, -5.4080,

-12.1280.

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

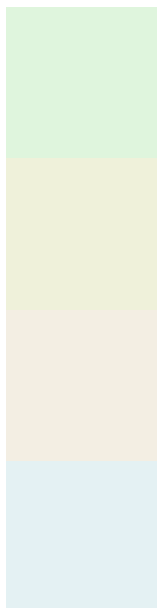




Tritanopia

238.4320, -9.9040, 3.2800

Trichromacy



Original Color

235.6860, -5.4080, -12.1280

Protanomaly

237.7800, 6.1910, -7.5770

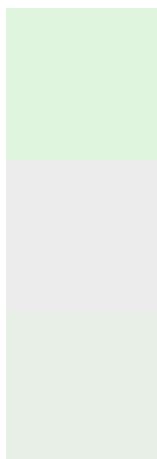
Deuteranomaly

238.2410, 6.5110, -2.3610

Tritanomaly

237.3410, -8.3900, -2.1340

Monochromacy



Original Color

235.6860, -5.4080, -12.1280

Achromatopsia

236.0000, 0.0000, -0.0000

Achromatomaly

235.6960, -2.2000, -4.1840

CSS Examples

Text

The CSS property to change the color of the text to YIQ 235.6860, -5.4080, -12.1280 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(223, 245, 221)` looks like.

```
.text, #text, p{  
    color:rgb(223, 245, 221)  
}
```

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(223, 245, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 245, 221) }
```

Border

The CSS property to change the border of an element to YIQ 235.6860, -5.4080, -12.1280 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(223, 245, 221) }
```


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

```
.border{ border-color:rgb(223, 245, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 245, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 245, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 245, 221);  
box-shadow:4px 4px 4px 4px rgb(223, 245,  
221) }
```

Background

The CSS property to change the background color of an element to YIQ 235.6860, -5.4080, -12.1280 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 245, 221) }
```

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

```
.background{ background-color: rgb(223,  
245, 221) }
```

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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