

Converting Colors

YIQ(235.8650, -4.3540, -9.2020)

Have a look what the booklet for
YIQ(235.8650, -4.3540, -9.2020)
contains.

YIQ(235.8650, -4.3540, -9.2020)	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(235.8650, -4.3540,
-9.2020)**

Conversions

Conversions Part 1

Format	Color
Hex	E2F3E1
RGB	226, 243, 225
RGB Percent	89%, 95%, 88%
CMY	0.1138, 0.0470, 0.1176
CMYK	0.07, 0.00, 0.07, 0.05
HSL	117°, 43%, 92%
HSV	117°, 7%, 95%
XYZ	77.0031, 85.7083, 83.7184
YIQ	235.8650, -4.3540, -9.2020

Conversions

Conversions Part 2

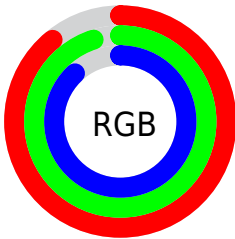
Format	Color
R _{YB}	225, 243, 242
Decimal	14873569
CIE Lab	94.19, -8.83, 6.75
CIE LCh	94, 11.117, 142.591
Yxy	85.7083, 0.3125, 0.3478
Android (android.graphics.Color)	4293063649 (0xFFE2F3E1)
YUV	235.8650, -5.3564, -8.6516
Hunter-Lab	92.5788, -13.5440, 11.1895

Details

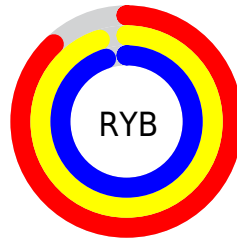
The YIQ color $235.8650, -4.3540, -9.2020$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $232.1350, 4.3540, 9.2020$, and the grayscale version is $236.0000, 0.0000, -0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $180.2780, -4.0790, -8.6790$ is the 20% darker color. If you saturate the color by 10%, you get $226.2520, -10.3580, -21.5420$, and if you desaturate by 10%, it is $245.4780, 1.6500, 3.1380$.

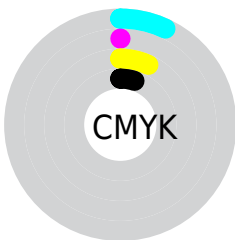
Distribution



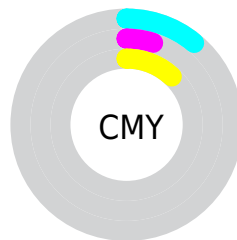
- Red (89%)
- Green (95%)
- Blue (88%)



- Red (88%)
- Yellow (95%)
- Blue (95%)



- Cyan (7%)
- Magenta (0%)
- Yellow (7%)
- Black (5%)



- Cyan (11%)
- Magenta (5%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 235.8650, -4.3540, -9.2020 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 235.8650, -4.3540, -9.2020 by changing the saturation by 10% instead.

■ 235.8650, -4.3540,
-9.2020

■ 235.8650, -4.3540,
-9.2020

255.0000, -0.0000,
-0.0000

■ 207.8650, -4.3540,
-9.2020

■ 180.2780, -4.0790,
-8.6790

■ 153.2780, -4.0790,
-8.6790

■ 127.3920, -4.4000,
-8.3680

■ 102.1040, -3.5290,
-7.6330

■ 78.1040, -3.5290,
-7.6330

■ 55.2180, -3.8500,

-7.3220

■ 33.6310, -3.5750,
-6.7990

■ 11.1530, -5.2250,
-9.9370

■ 235.8650, -4.3540,
-9.2020

■ 235.8650, -4.3540,
-9.2020

■ 226.2520,
-10.3580, -21.5420

■ 245.4780, 1.6500,
3.1380

■ 216.5250,
-16.0410, -34.1930

■ 247.9560, 3.3000,
6.2760

■ 206.9120,
-22.0450, -46.5330

■ 197.2990,
-28.0490, -58.8730

■ 187.5720,
-33.7320, -71.5240

■ 177.9590,
-39.7360, -83.8640

■ 168.3460,
-45.7400, -96.2040

■ 158.7330,
-51.7440, -108.5440

■ 149.0060,
-57.4270, -121.1950

Harmonies

Analogous

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



236.8940, 5.8700, -7.2660



235.8650, -4.3540, -9.2020



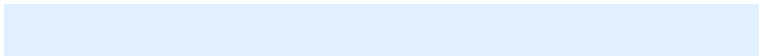
235.1890, -14.0740, -9.2580

Triad

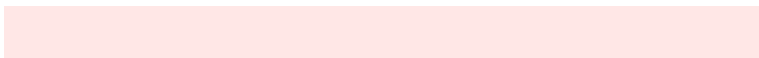
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



235.8650, -4.3540, -9.2020



236.9260, -14.3510, 1.2730



238.0620, 14.6250, 4.7770

Complementary

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



235.8650, -4.3540, -9.2020



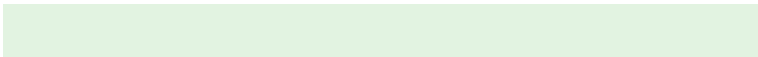
232.1350, 4.3540, 9.2020

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.



239.3160, 11.0940, 8.1980



235.8650, -4.3540, -9.2020



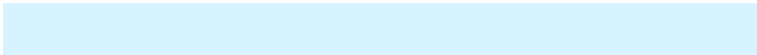
238.4650, -5.5030, 6.1210

Square

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



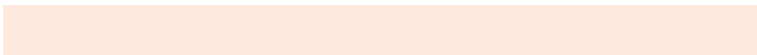
235.8650, -4.3540, -9.2020



235.9960, -20.5400, -2.2040



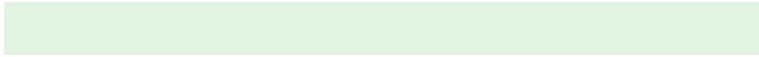
240.1350, 4.3540, 9.2020



238.3240, 16.6430, 1.2430

Rectangle

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



235.8650, -4.3540, -9.2020



235.2040, -18.4300, -7.4060



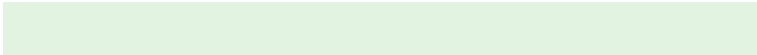
240.1350, 4.3540, 9.2020



238.5180, 13.3410, 6.0210

Sweetspot

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



235.8650, -4.3540, -9.2020



252.9350, -1.3750, -2.6150



240.3610, 6.0530, -5.0750



126.7610, -0.8250, -1.5690



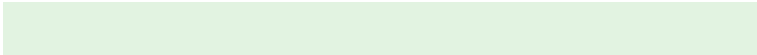
0.0000, 0.0000, 0.0000



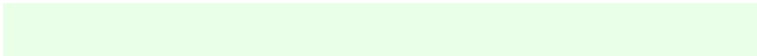
128.0000, -0.0000, -0.0000

Same Dimension

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



235.8650, -4.3540, -9.2020



245.8000, -5.7290, -11.8170



236.4780, -7.5180, -6.9260



117.3430, -2.7040, -6.0640



112.1720, -45.1900, -95.1580



35.5300, -14.4370, -30.2210

Inverse Universe

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



232.1350, 4.3540, 9.2020



241.2000, 5.7290, 11.8170



231.5220, 7.5180, 6.9260



114.9560, 3.3000, 6.2760



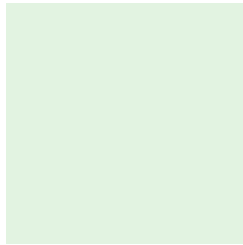
73.8280, 45.1900, 95.1580



23.1710, 13.8410, 30.0090

Previews

White Background



This preview shows how the YIQ color 235.8650, -4.3540, -9.2020 looks on a white background.

Color Contrast Check

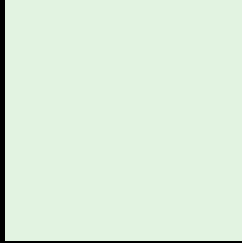
Large Text (above 18pt) WCAG AA × Fail

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 235.8650, -4.3540, -9.2020 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

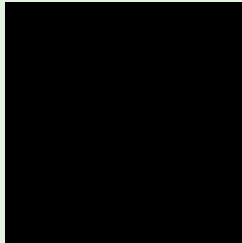
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

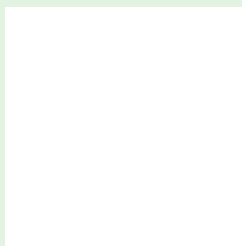
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 235.8650, -4.3540, -9.2020

Background



This preview shows how black text looks on a background with the YIQ color 235.8650, -4.3540, -9.2020.



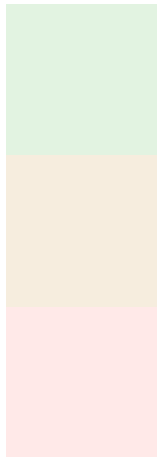
This preview shows how white text looks on a background with the YIQ color 235.8650, -4.3540,

-9.2020.

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**

235.8650, -4.3540, -9.2020

Protanopia

237.9810, 10.1790, -2.7570

Deuteranopia

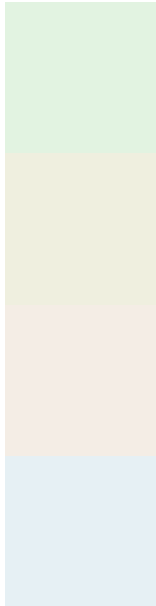
239.4640, 13.4330, 4.3530



Tritanopia

238.1440, -9.0330, 4.0150

Trichromacy



Original Color

235.8650, -4.3540, -9.2020

Protanomaly

237.1760, 5.1360, -4.9760

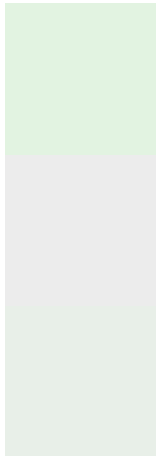
Deuteranomaly

238.1810, 6.7400, -1.0040

Tritanomaly

237.4660, -7.2440, -0.8760

Monochromacy



Original Color

235.8650, -4.3540, -9.2020

Achromatopsia

236.0000, 0.0000, -0.0000

Achromatomaly

236.1090, -1.9250, -3.6610

CSS Examples

Text

The CSS property to change the color of the text to YIQ 235.8650, -4.3540, -9.2020 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, 243, 225)` looks like.

```
.text, #text, p{  
    color:rgb(226, 243, 225)  
}
```

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, 243, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 243, 225) }
```

Border

The CSS property to change the border of an element to YIQ 235.8650, -4.3540, -9.2020 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, 243, 225) }
```


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

```
.border{ border-color:rgb(226, 243, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 243, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 243, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 243, 225);  
box-shadow:4px 4px 4px 4px rgb(226, 243,  
225) }
```

Background

The CSS property to change the background color of an element to YIQ 235.8650, -4.3540, -9.2020 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 243, 225) }
```

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

```
.background{ background-color: rgb(226,  
243, 225) }
```

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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