

Converting Colors

YIQ(235.8300, -14.4410,
-8.1130)

Have a look what the booklet for
YIQ(235.8300, -14.4410, -8.1130)
contains.

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Color

**YIQ(235.8300, -14.4410,
-8.1130)**

Conversions

Conversions Part 1

Format	Color
Hex	D9F5EE
RGB	217, 245, 238
RGB Percent	85%, 96%, 93%
CMY	0.1491, 0.0391, 0.0667
CMYK	0.11, 0.00, 0.03, 0.04
HSL	165°, 58%, 91%
HSV	165°, 11%, 96%
XYZ	76.6965, 86.2331, 93.4810
YIQ	235.8300, -14.4410, -8.1130

Conversions

Conversions Part 2

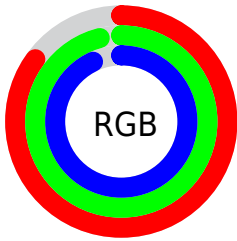
Format	Color
R _Y B	217, 233, 245
Decimal	14284270
CIE Lab	94.41, -10.42, 0.28
CIE LCh	94, 10.421, 178.466
Yxy	86.2331, 0.2991, 0.3363
Android (android.graphics.Color)	4292474350 (0xFFD9F5EE)
YUV	235.8300, 1.0698, -16.5139
Hunter-Lab	92.8618, -15.0812, 5.3179

Details

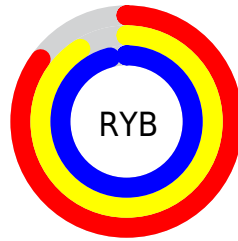
The YIQ color $235.8300, -14.4410, -8.1130$ is a light color, and the websafe version is hex $CCFFFF$. A complement of this color would be $226.1700, 14.4410, 8.1130$, and the grayscale version is $236.0000, 0.0000, -0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $180.1290, -13.8450, -7.9010$ is the 20% darker color. If you saturate the color by 10%, you get $227.6710, -27.4150, -15.2790$, and if you desaturate by 10%, it is $243.6900, -2.0630, -1.1590$.

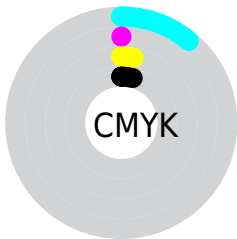
Distribution



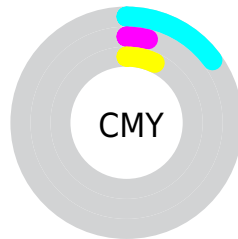
- Red (85%)
- Green (96%)
- Blue (93%)



- Red (85%)
- Yellow (91%)
- Blue (96%)



- Cyan (11%)
- Magenta (0%)
- Yellow (3%)
- Black (4%)



- Cyan (15%)
- Magenta (4%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 235.8300, -14.4410, -8.1130 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 235.8300, -14.4410, -8.1130 by changing the saturation by 10% instead.

■ 235.8300,
-14.4410, -8.1130

■ 235.8300,
-14.4410, -8.1130

255.0000, -0.0000,
-0.0000

■ 207.8300,
-14.4410, -8.1130

■ 180.1290,
-13.8450, -7.9010

■ 153.4280,
-13.2490, -7.6890

■ 126.8410,
-12.9740, -7.1660

■ 101.8410,
-12.9740, -7.1660

■ 78.1400, -12.3780,
-6.9540

■ 54.5530, -12.1030,

-6.4310

■ 32.9660, -11.8280,
-5.9080

■ 13.9230, -10.2690,
-6.6290

■ 235.8300,
-14.4410, -8.1130

■ 235.8300,
-14.4410, -8.1130

■ 227.6710,
-27.4150, -15.2790

■ 243.6900, -2.0630,
-1.1590

■ 219.8110,
-39.7930, -22.2330

■ 248.5600, 4.3550,
3.6750

■ 211.6520,
-52.7670, -29.3990

■ 249.1300, 2.7500,
5.2300

■ 203.6780,
-64.8240, -36.6640

■ 195.5190,
-77.7980, -43.8300

■ 187.6590,
-90.1760, -50.7840

■ 179.5000,
-103.1500, -57.9500

■ 171.6400,
-115.5280, -64.9040

■ 164.7910,
-126.4390, -70.9110

Harmonies

Analogous

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



236.4950, -6.1880, -9.0040



235.8300, -14.4410, -8.1130



236.0730, -19.4390, -5.6390

Triad

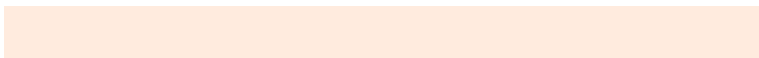
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



235.8300, -14.4410, -8.1130



239.9490, -3.9900, 6.2340



239.4980, 16.0930, 0.1970

Complementary

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



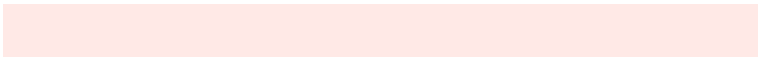
235.8300, -14.4410, -8.1130



226.1700, 14.4410, 8.1130

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.



239.2360, 14.0750, 3.7310



235.8300, -14.4410, -8.1130



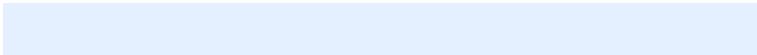
241.2060, 5.5920, 8.7920

Square

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



235.8300, -14.4410, -8.1130



238.1220, -11.9670, 2.1210



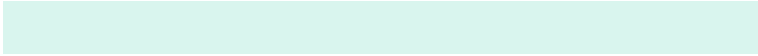
239.7890, 11.1400, 7.3640



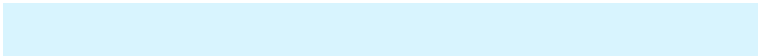
238.8240, 12.0590, -3.7890

Rectangle

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



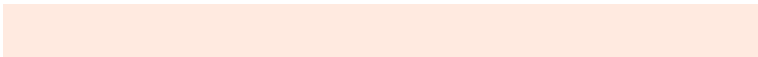
235.8300, -14.4410, -8.1130



236.7680, -19.8980, -2.8260



239.7890, 11.1400, 7.3640



239.1390, 15.7260, 1.3420

Sweetspot

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



235.8300, -14.4410, -8.1130



252.3800, -4.1260, -2.3180



235.5290, -3.5280, -13.1600



125.9780, -2.9340, -1.8940



0.0000, 0.0000, 0.0000



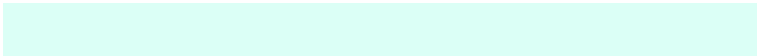
128.0000, -0.0000, -0.0000

Same Dimension

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



235.8300, -14.4410, -8.1130



243.2100, -18.5670, -10.4310



232.5190, -14.7630, -2.2750



118.0700, -6.1890, -3.4770



125.0280, -95.7690, -54.0490



39.6490, -30.3490, -17.1730

Inverse Universe

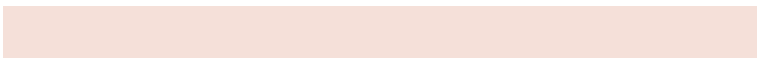
The Inverse Universe completely reimagines the original color for something new.



226.1700, 14.4410, 8.1130



230.7900, 18.5670, 10.4310



229.4810, 14.7630, 2.2750



113.9300, 6.1890, 3.4770



60.9720, 95.7690, 54.0490



19.3510, 30.3490, 17.1730

Previews

White Background



This preview shows how the YIQ color 235.8300, -14.4410, -8.1130 looks on a white background.

Color Contrast Check

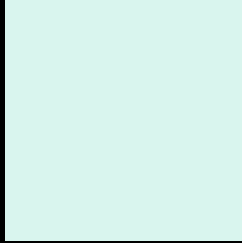
Large Text (above 18pt) WCAG AA × Fail

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 235.8300, -14.4410, -8.1130 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

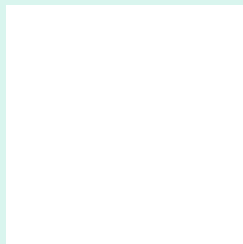
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 235.8300, -14.4410, -8.1130

Background



This preview shows how black text looks on a background with the YIQ color 235.8300, -14.4410, -8.1130.



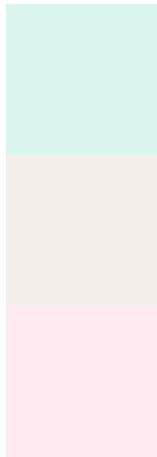
This preview shows how white text looks on a background with the YIQ color 235.8300, -14.4410, -8.1130.

-8.1130.

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

235.8300, -14.4410, -8.1130

Protanopia

238.7510, 5.1350, 0.5510

Deuteranopia

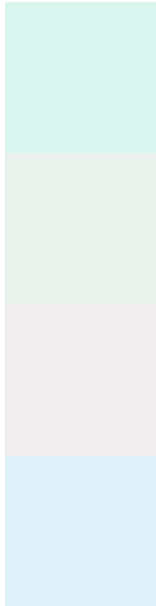
240.3760, 10.8650, 6.8410



Tritanopia

238.1110, -13.4340, 1.1740

Trichromacy



Original Color

235.8300, -14.4410, -8.1130

Protanomaly

237.6360, -1.9710, -2.8270

Deuteranomaly

238.4240, 1.7420, 1.4700

Tritanomaly

237.1170, -13.5710, -1.8510

Monochromacy



Original Color

235.8300, -14.4410, -8.1130

Achromatopsia

236.0000, 0.0000, -0.0000

Achromatomaly

235.7820, -5.3180, -2.7420

CSS Examples

Text

The CSS property to change the color of the text to YIQ 235.8300, -14.4410, -8.1130 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, 245, 238)` looks like.

```
.text, #text, p{  
    color:rgb(217, 245, 238)  
}
```

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, 245, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 245, 238) }
```

Border

The CSS property to change the border of an element to YIQ 235.8300, -14.4410, -8.1130 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, 245, 238) }
```


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

```
.border{ border-color:rgb(217, 245, 238) }
```

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

Here you see how a box with a 4 pixel rgb(217, 245, 238) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 245, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 245, 238);  
box-shadow:4px 4px 4px 4px rgb(217, 245,  
238) }
```

Background

The CSS property to change the background color of an element to YIQ 235.8300, -14.4410, -8.1130 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 245, 238) }
```

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

```
.background{ background-color: rgb(217,  
245, 238) }
```

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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