

Converting Colors

YIQ(235.9130, -4.3090, -4.5090)

Have a look what the booklet for
YIQ(235.9130, -4.3090, -4.5090)
contains.

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Color

**YIQ(235.9130, -4.3090,
-4.5090)**

Conversions

Conversions Part 1

Format	Color
Hex	E5F0E9
RGB	229, 240, 233
RGB Percent	90%, 94%, 91%
CMY	0.1020, 0.0588, 0.0863
CMYK	0.05, 0.00, 0.03, 0.06
HSL	142°, 27%, 92%
HSV	142°, 5%, 94%
XYZ	78.1796, 84.8626, 89.3482
YIQ	235.9130, -4.3090, -4.5090

Conversions

Conversions Part 2

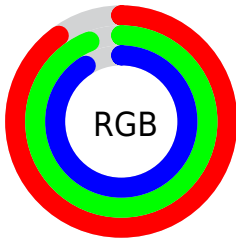
Format	Color
R _Y B	229, 237, 240
Decimal	15069417
CIE Lab	93.82, -4.90, 2.11
CIE LCh	94, 5.336, 156.723
Yxy	84.8626, 0.3098, 0.3362
Android (android.graphics.Color)	4293259497 (0xFFE5F0E9)
YUV	235.9130, -1.4361, -6.0627
Hunter-Lab	92.1209, -9.7253, 6.9792

Details

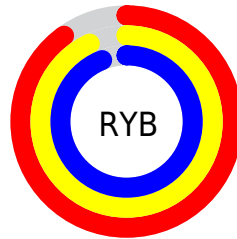
The YIQ color $235.9130, -4.3090, -4.5090$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $233.0870, 4.3090, 4.5090$, and the grayscale version is $236.0000, 0.0000, -0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $180.2120, -3.7130, -4.2970$ is the 20% darker color. If you saturate the color by 10%, you get $227.0270, -13.7980, -14.2620$, and if you desaturate by 10%, it is $244.7990, 5.1800, 5.2440$.

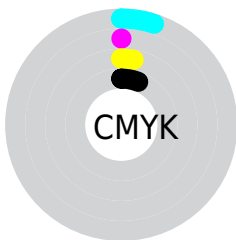
Distribution



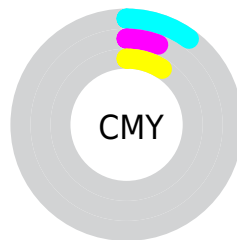
- Red (90%)
- Green (94%)
- Blue (91%)



- Red (90%)
- Yellow (93%)
- Blue (94%)



- Cyan (5%)
- Magenta (0%)
- Yellow (3%)
- Black (6%)



- Cyan (10%)
- Magenta (6%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 235.9130, -4.3090, -4.5090 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 235.9130, -4.3090, -4.5090 by changing the saturation by 10% instead.

■ 235.9130, -4.3090,
-4.5090

■ 235.9130, -4.3090,
-4.5090

255.0000, -0.0000,
-0.0000

■ 207.9130, -4.3090,
-4.5090

■ 180.2120, -3.7130,
-4.2970

■ 153.3260, -4.0340,
-3.9860

■ 127.3260, -4.0340,
-3.9860

■ 102.3260, -4.0340,
-3.9860

■ 78.6250, -3.4380,
-3.7740

■ 55.6250, -3.4380,

-3.7740

■ 34.0380, -3.1630,
-3.2510

■ 11.6140, -4.9050,
-4.7210

■ 235.9130, -4.3090,
-4.5090

■ 235.9130, -4.3090,
-4.5090

■ 227.0270,
-13.7980, -14.2620

■ 244.7990, 5.1800,
5.2440

■ 218.0270,
-22.9660, -24.3260

■ 246.1950, 4.1250,
7.8450

■ 209.1410,
-32.4550, -34.0790

■ 200.2550,
-41.9440, -43.8320

■ 191.3690,
-51.4330, -53.5850

■ 182.3690,
-60.6010, -63.6490

■ 173.4830,
-70.0900, -73.4020

■ 164.5970,
-79.5790, -83.1550

■ 155.7110,
-89.0680, -92.9080

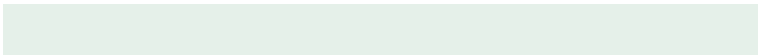
Harmonies

Analogous

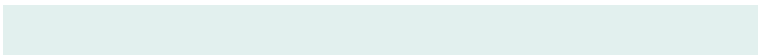
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



236.3650, 0.2300, -4.1700



235.9130, -4.3090, -4.5090



235.5860, -7.7020, -3.5900

Triad

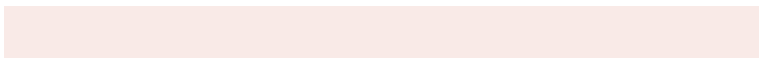
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



235.9130, -4.3090, -4.5090



237.2430, -4.9980, 2.4740



238.1430, 9.9030, 2.2470

Complementary

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



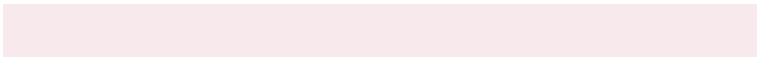
235.9130, -4.3090, -4.5090



233.0870, 4.3090, 4.5090

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.



238.4140, 7.7020, 3.5900



235.9130, -4.3090, -4.5090



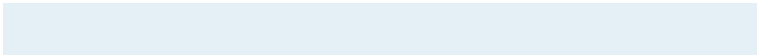
238.2220, -0.5050, 3.6470

Square

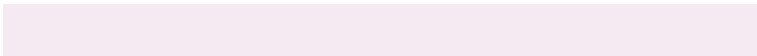
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



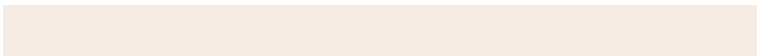
235.9130, -4.3090, -4.5090



236.5090, -8.8030, -0.1550



238.0870, 4.3090, 4.5090



238.0780, 8.5280, -0.3680

Rectangle

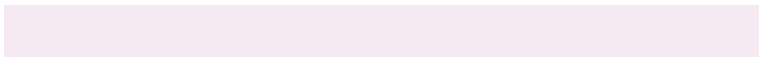
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



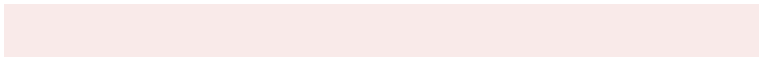
235.9130, -4.3090, -4.5090



235.7430, -9.5820, -2.5580



238.0870, 4.3090, 4.5090



238.3710, 9.2610, 2.8690

Sweetspot

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



235.9130, -4.3090, -4.5090



253.8750, -1.1460, -1.2580



237.5500, 1.1470, -4.2690



127.2880, -0.8710, -0.7350



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.



235.9130, -4.3090, -4.5090



249.3750, -5.7300, -6.2900



236.4830, -5.9140, -2.9540



116.7390, -3.7590, -3.4630



115.6460, -72.1070, -75.3950



35.1520, -21.8200, -23.0680

Inverse Universe

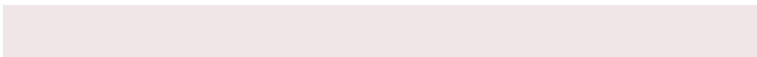
The Inverse Universe completely reimagines the original color for something new.



233.0870, 4.3090, 4.5090



245.5110, 6.0510, 5.9790



232.5170, 5.9140, 2.9540



114.3750, 3.4380, 3.7740



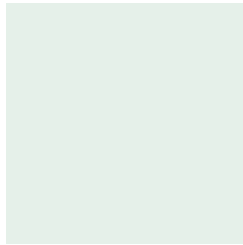
68.3540, 72.1070, 75.3950



20.8480, 21.8200, 23.0680

Previews

White Background



This preview shows how the YIQ color 235.9130, -4.3090, -4.5090 looks on a white background.

Color Contrast Check

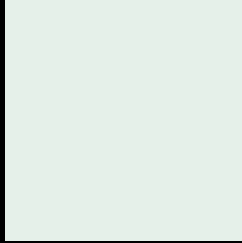
Large Text (above 18pt) WCAG AA × Fail

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 235.9130, -4.3090, -4.5090 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

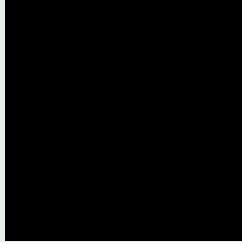
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

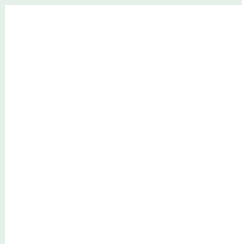
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 235.9130, -4.3090, -4.5090

Background



This preview shows how black text looks on a background with the YIQ color 235.9130, -4.3090, -4.5090.



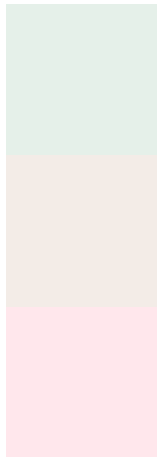
This preview shows how white text looks on a background with the YIQ color 235.9130, -4.3090, -4.5090.

-4.5090.

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

235.9130, -4.3090, -4.5090

Protanopia

237.5230, 5.7770, -0.0710

Deuteranopia

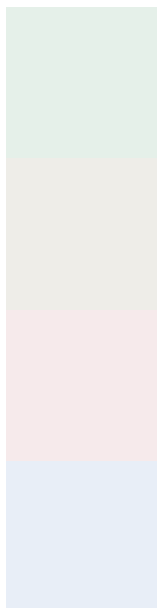
238.7460, 12.6990, 6.6430



Tritanopia

237.8560, -8.1620, 4.7500

Trichromacy



Original Color

235.9130, -4.3090, -4.5090

Protanomaly

236.7290, 2.2010, -1.3430

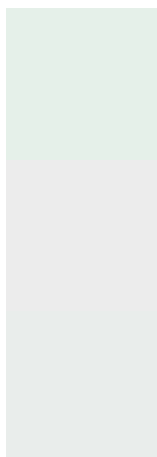
Deuteranomaly

237.7020, 6.8310, 2.8550

Tritanomaly

237.2320, -6.4650, 1.5270

Monochromacy



Original Color

235.9130, -4.3090, -4.5090

Achromatopsia

236.0000, 0.0000, -0.0000

Achromatomaly

235.5760, -1.7420, -1.4700

CSS Examples

Text

The CSS property to change the color of the text to YIQ 235.9130, -4.3090, -4.5090 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(229, 240, 233)` looks like.

```
.text, #text, p{  
    color:rgb(229, 240, 233)  
}
```

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(229, 240, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 240, 233) }
```

Border

The CSS property to change the border of an element to YIQ 235.9130, -4.3090, -4.5090 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(229, 240, 233) }
```


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

```
.border{ border-color:rgb(229, 240, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 240, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 240, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 240, 233);  
box-shadow:4px 4px 4px 4px rgb(229, 240,  
233) }
```

Background

The CSS property to change the background color of an element to YIQ 235.9130, -4.3090, -4.5090 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 240, 233) }
```

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

```
.background{ background-color: rgb(229,  
240, 233) }
```

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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