

Converting Colors

YIQ(238.9130, -4.3090, -4.5090)

Have a look what the booklet for
YIQ(238.9130, -4.3090, -4.5090)
contains.

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Color

**YIQ(238.9130, -4.3090,
-4.5090)**

Conversions

Conversions Part 1

Format	Color
Hex	E8F3EC
RGB	232, 243, 236
RGB Percent	91%, 95%, 93%
CMY	0.0902, 0.0470, 0.0745
CMYK	0.05, 0.00, 0.03, 0.05
HSL	142°, 31%, 93%
HSV	142°, 5%, 95%
XYZ	80.4680, 87.3144, 91.9669
YIQ	238.9130, -4.3090, -4.5090

Conversions

Conversions Part 2

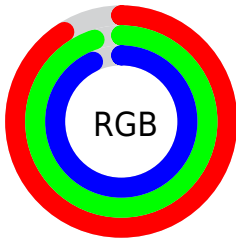
Format	Color
R _Y B	232, 240, 243
Decimal	15266796
CIE Lab	94.87, -4.89, 2.10
CIE LCh	95, 5.323, 156.728
Yxy	87.3144, 0.3098, 0.3361
Android (android.graphics.Color)	4293456876 (0xFFE8F3EC)
YUV	238.9130, -1.4361, -6.0627
Hunter-Lab	93.4422, -9.8079, 7.0556

Details

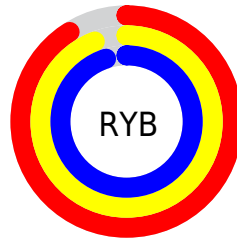
The YIQ color $238.9130, -4.3090, -4.5090$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $236.0870, 4.3090, 4.5090$, and the grayscale version is $239.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $182.9130, -4.3090, -4.5090$ is the 20% darker color. If you saturate the color by 10%, you get $230.0270, -13.7980, -14.2620$, and if you desaturate by 10%, it is $247.5000, 4.5840, 5.0320$.

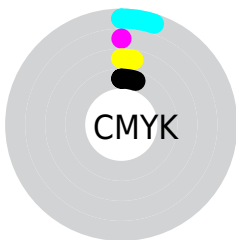
Distribution



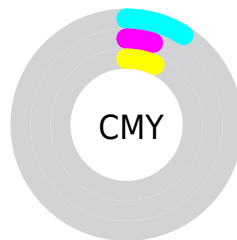
- Red (91%)
- Green (95%)
- Blue (93%)



- Red (91%)
- Yellow (94%)
- Blue (95%)



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



- Cyan (9%)
- Magenta (5%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 238.9130, -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 238.9130, -4.3090, -4.5090 by changing the saturation by 10% instead.

■ 238.9130, -4.3090,
-4.5090

■ 238.9130, -4.3090,
-4.5090

255.0000, -0.0000,
-0.0000

■ 210.9130, -4.3090,
-4.5090

■ 182.9130, -4.3090,
-4.5090

■ 156.2120, -3.7130,
-4.2970

■ 130.3260, -4.0340,
-3.9860

■ 104.7390, -3.7590,
-3.4630

■ 80.7390, -3.7590,
-3.4630

■ 57.7390, -3.7590,

-3.4630

■ 36.0380, -3.1630,
-3.2510

■ 14.6140, -4.9050,
-4.7210

■ 238.9130, -4.3090,
-4.5090

■ 238.9130, -4.3090,
-4.5090

■ 230.0270,
-13.7980, -14.2620

■ 247.5000, 4.5840,
5.0320

■ 220.7280,
-23.5620, -24.5380

■ 247.9560, 3.3000,
6.2760

■ 211.8420,
-33.0510, -34.2910

■ 202.8420,
-42.2190, -44.3550

■ 193.6570,
-52.3040, -54.3200

■ 184.6570,
-61.4720, -64.3840

■ 175.7710,
-70.9610, -74.1370

■ 166.7710,
-80.1290, -84.2010

■ 157.5860,
-90.2140, -94.1660

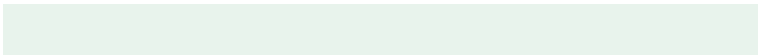
Harmonies

Analogous

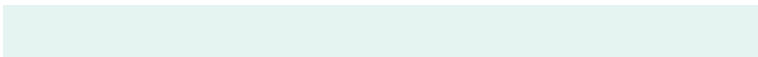
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



239.3650, 0.2300, -4.1700



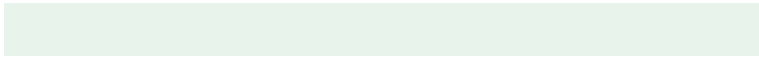
238.9130, -4.3090, -4.5090



238.5860, -7.7020, -3.5900

Triad

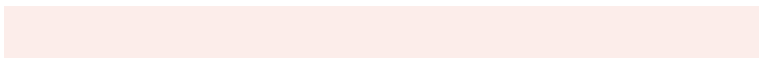
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



238.9130, -4.3090, -4.5090



240.2430, -4.9980, 2.4740



241.1430, 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.



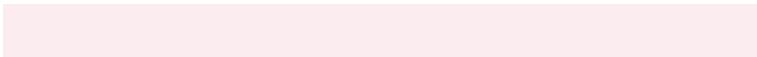
238.9130, -4.3090, -4.5090



236.0870, 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.



241.4140, 7.7020, 3.5900



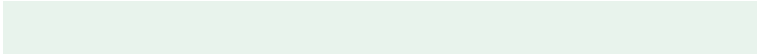
238.9130, -4.3090, -4.5090



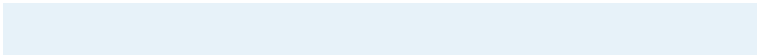
241.2220, -0.5050, 3.6470

Square

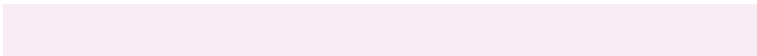
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



238.9130, -4.3090, -4.5090



239.5090, -8.8030, -0.1550



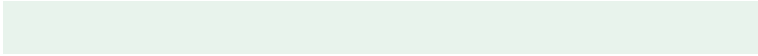
241.0870, 4.3090, 4.5090



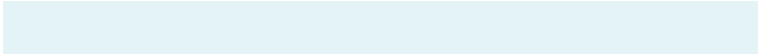
241.0780, 8.5280, -0.3680

Rectangle

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



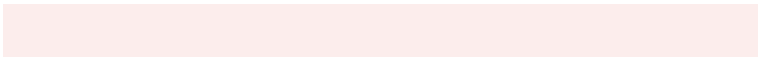
238.9130, -4.3090, -4.5090



238.7430, -9.5820, -2.5580



241.0870, 4.3090, 4.5090



241.3710, 9.2610, 2.8690

Sweetspot

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



238.9130, -4.3090, -4.5090



253.8750, -1.1460, -1.2580



240.5500, 1.1470, -4.2690



127.2880, -0.8710, -0.7350



0.0000, 0.0000, 0.0000



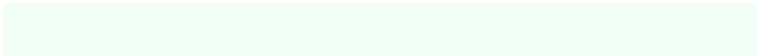
128.0000, -0.0000, -0.0000

Same Dimension

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



238.9130, -4.3090, -4.5090



250.2010, -5.1800, -5.2440



239.4830, -5.9140, -2.9540



119.4510, -2.8880, -2.7280



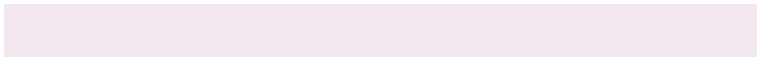
116.9340, -72.9780, -76.1300



37.0270, -22.9660, -24.3260

Inverse Universe

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



236.0870, 4.3090, 4.5090



246.7990, 5.1800, 5.2440



235.5170, 5.9140, 2.9540



117.6630, 2.5670, 3.0390



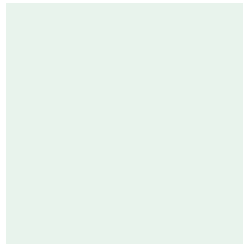
69.0660, 72.9780, 76.1300



21.8590, 23.2870, 24.0150

Previews

White Background



This preview shows how the YIQ color 238.9130, -4.3090, -4.5090 looks on a white background.

Color Contrast Check

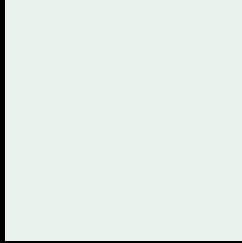
Large Text (above 18pt) WCAG AA × Fail

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 238.9130, -4.3090, -4.5090 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

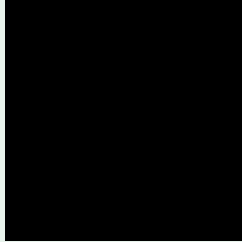
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

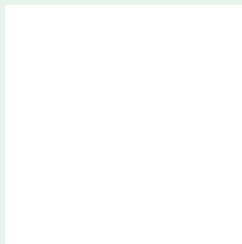
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 238.9130, -4.3090, -4.5090

Background



This preview shows how black text looks on a background with the YIQ color 238.9130, -4.3090, -4.5090.



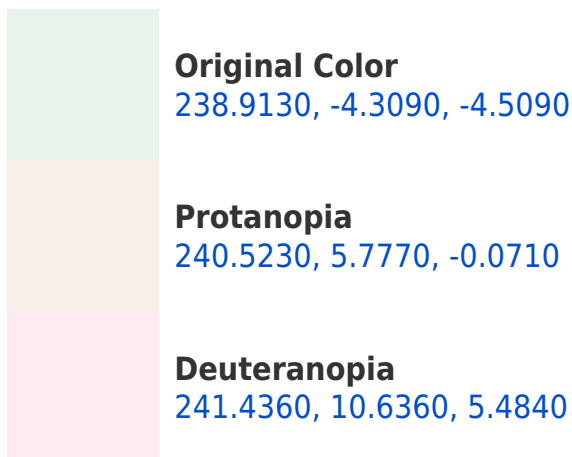
This preview shows how white text looks on a background with the YIQ color 238.9130, -4.3090, -4.5090.

-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

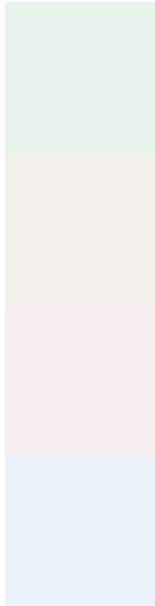




Tritanopia

240.5140, -7.1990, 3.8170

Trichromacy



Original Color

238.9130, -4.3090, -4.5090

Protanomaly

239.7290, 2.2010, -1.3430

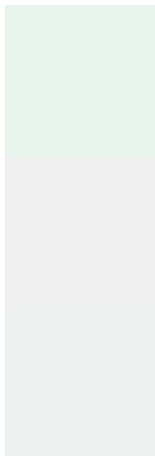
Deuteranomaly

240.6910, 5.3640, 1.9080

Tritanomaly

240.0040, -5.8230, 0.9050

Monochromacy



Original Color

238.9130, -4.3090, -4.5090

Achromatopsia

239.0000, -0.0000, -0.0000

Achromatomaly

238.5760, -1.7420, -1.4700

CSS Examples

Text

The CSS property to change the color of the text to YIQ 238.9130, -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(232, 243, 236)` looks like.

```
.text, #text, p{  
    color:rgb(232, 243, 236)  
}
```

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(232, 243, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 243, 236) }
```

Border

The CSS property to change the border of an element to YIQ 238.9130, -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(232, 243, 236) }
```


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

```
.border{ border-color:rgb(232, 243, 236) }
```

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

Here you see how a box with a 4 pixel rgb(232, 243, 236) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 243, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 243, 236);  
box-shadow:4px 4px 4px 4px rgb(232, 243,  
236) }
```

Background

The CSS property to change the background color of an element to YIQ 238.9130, -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(232, 243, 236) }
```

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

```
.background{ background-color: rgb(232,  
243, 236) }
```

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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