

Converting Colors

YIQ(238.0150, -4.3560, 1.8520)

Have a look what the booklet for
YIQ(238.0150, -4.3560, 1.8520)
contains.

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Color

**YIQ(238.0150, -4.3560,
1.8520)**

Conversions

Conversions Part 1

Format	Color
Hex	EBEEF6
RGB	235, 238, 246
RGB Percent	92%, 93%, 96%
CMY	0.0784, 0.0666, 0.0353
CMYK	0.04, 0.03, 0.00, 0.04
HSL	224°, 38%, 94%
HSV	224°, 4%, 96%
XYZ	81.4693, 85.4653, 99.3865
YIQ	238.0150, -4.3560, 1.8520

Conversions

Conversions Part 2

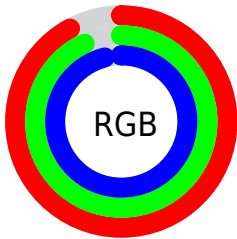
Format	Color
R _Y B	235, 237, 246
Decimal	15462134
CIE Lab	94.08, 0.46, -4.21
CIE LCh	94, 4.234, 276.252
Yxy	85.4653, 0.3059, 0.3209
Android (android.graphics.Color)	4293652214 (0xFFEBEEF6)
YUV	238.0150, 3.9366, -2.6442
Hunter-Lab	92.4475, -4.4800, 0.9730

Details

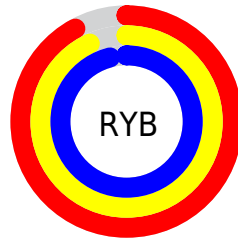
The YIQ color $238.0150, -4.3560, 1.8520$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $242.9850, 4.3560, -1.8520$, and the grayscale version is $238.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $182.0150, -4.3560, 1.8520$ is the 20% darker color. If you saturate the color by 10%, you get $219.9740, -14.3060, 5.9660$, and if you desaturate by 10%, it is $253.9740, 2.8890, -2.7990$.

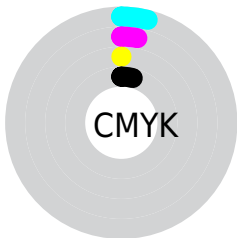
Distribution



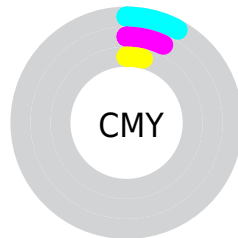
- Red (92%)
- Green (93%)
- Blue (96%)



- Red (92%)
- Yellow (93%)
- Blue (96%)



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



- Cyan (8%)
- Magenta (7%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 238.0150, -4.3560, 1.8520 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 238.0150, -4.3560, 1.8520 by changing the saturation by 10% instead.

■ 238.0150, -4.3560,
1.8520

■ 238.0150, -4.3560,
1.8520

255.0000, -0.0000,
-0.0000

■ 210.0150, -4.3560,
1.8520

■ 182.0150, -4.3560,
1.8520

■ 155.3140, -3.7600,
2.0640

■ 129.2000, -3.4390,
1.7530

■ 104.2000, -3.4390,
1.7530

■ 80.2000, -3.4390,
1.7530

■ 57.2000, -3.4390,

1.7530

■ 35.7870, -3.7140,
1.2300

■ 13.9010, -4.0350,
1.5410

■ 238.0150, -4.3560,
1.8520

■ 238.0150, -4.3560,
1.8520

■ 219.9740,
-14.3060, 5.9660

■ 253.9740, 2.8890,
-2.7990

■ 202.2320,
-23.6600, 10.2920

■ 184.1910,
-33.6100, 14.4060

■ 167.0360,
-43.2390, 18.2090

■ 148.9950,
-53.1890, 22.3230

■ 130.9540,
-63.1390, 26.4370

■ 113.2120,
-72.4930, 30.7630

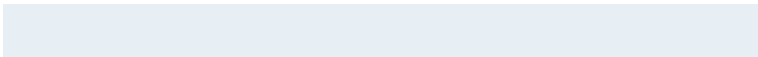
■ 95.1710, -82.4430,
34.8770

■ 77.4290, -91.7970,
39.2030

Harmonies

Analogous

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



237.2920, -6.6940, 0.1700



238.0150, -4.3560, 1.8520



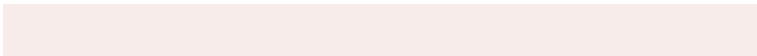
238.8090, -0.7800, 3.1240

Triad

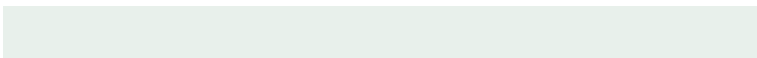
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



238.0150, -4.3560, 1.8520



238.9470, 7.5190, 1.3990



237.0380, -3.1630, -3.2510

Complementary

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



238.0150, -4.3560, 1.8520



242.9850, 4.3560, -1.8520

Split Complementary

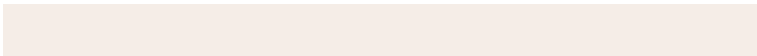
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



237.1910, 0.7800, -3.1240



238.0150, -4.3560, 1.8520



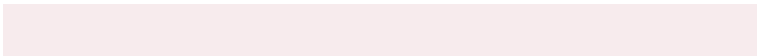
238.7080, 6.6940, -0.1700

Square

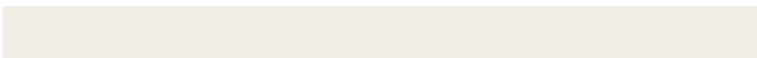
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



238.0150, -4.3560, 1.8520



238.8160, 6.5100, 3.1660



237.9850, 4.3560, -1.8520



237.1840, -6.5100, -3.1660

Rectangle

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



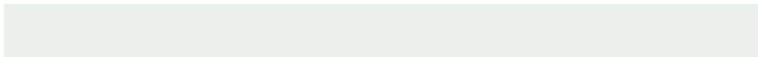
238.0150, -4.3560, 1.8520



238.8910, 1.9250, 3.6610



237.9850, 4.3560, -1.8520



237.1090, -1.9250, -3.6610

Sweetspot

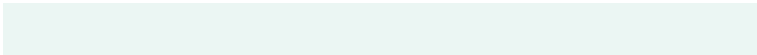
The Sweet Spot groups the original color and five complimentary colors.



238.0150, -4.3560, 1.8520



252.9290, -1.2380, 0.4100



242.3690, -5.5930, -3.2650



126.8150, -0.9170, 0.0990



0.0000, 0.0000, 0.0000



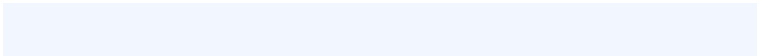
128.0000, -0.0000, -0.0000

Same Dimension

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



238.0150, -4.3560, 1.8520



245.8300, -5.2730, 1.9510



236.8520, -2.3390, 3.8450



116.9720, -2.7970, 1.1310



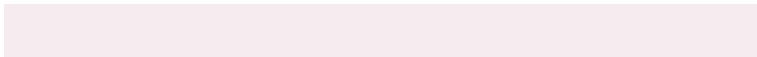
51.1410, -73.7310, 31.1730



16.1180, -23.3390, 9.9810

Inverse Universe

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



238.6310, 5.5930, 3.2650



246.3430, 6.4640, 4.0000



244.1480, 2.3390, -3.8450



117.3210, 3.5300, 2.1060



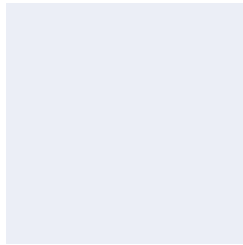
61.4280, 94.4850, 55.2930



19.4650, 30.0280, 17.4840

Previews

White Background



This preview shows how the YIQ color 238.0150, -4.3560, 1.8520 looks on a white background.

Color Contrast Check

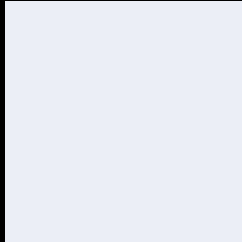
Large Text (above 18pt) WCAG AA × Fail

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 238.0150, -4.3560, 1.8520 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

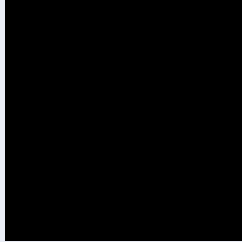
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

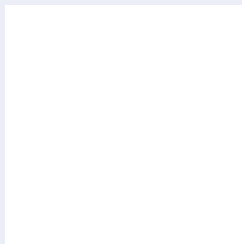
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 238.0150, -4.3560, 1.8520

Background



This preview shows how black text looks on a background with the YIQ color 238.0150, -4.3560, 1.8520.



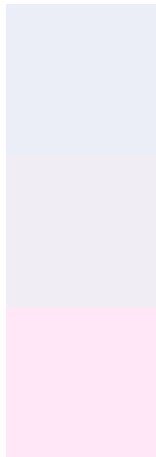
This preview shows how white text looks on a background with the YIQ color 238.0150, -4.3560,

1.8520.

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

238.0150, -4.3560, 1.8520

Protanopia

238.8090, -0.7800, 3.1240

Deuteranopia

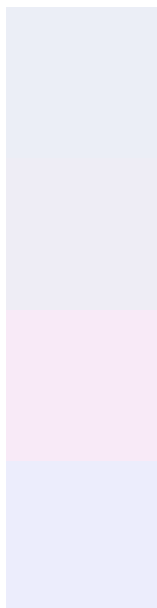
240.0000, 9.1680, 10.0640



Tritanopia

239.0520, -5.7780, 5.5980

Trichromacy



Original Color

238.0150, -4.3560, 1.8520

Protanomaly

238.2110, -1.9720, 2.7000

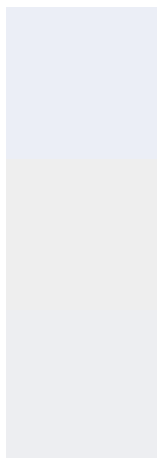
Deuteranomaly

239.6680, 4.1710, 7.0110

Tritanomaly

238.4110, -5.4110, 4.4530

Monochromacy



Original Color

238.0150, -4.3560, 1.8520

Achromatopsia

238.0000, -0.0000, 0.0000

Achromatomaly

238.0430, -1.5590, 0.7210

CSS Examples

Text

The CSS property to change the color of the text to YIQ 238.0150, -4.3560, 1.8520 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(235, 238, 246)` looks like.

```
.text, #text, p{  
    color:rgb(235, 238, 246)  
}
```

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(235, 238, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 238, 246) }
```

Border

The CSS property to change the border of an element to YIQ 238.0150, -4.3560, 1.8520 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(235, 238, 246) }
```


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

```
.border{ border-color:rgb(235, 238, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 238, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 238, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 238, 246);  
box-shadow:4px 4px 4px 4px rgb(235, 238,  
246) }
```

Background

The CSS property to change the background color of an element to YIQ 238.0150, -4.3560, 1.8520 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 238, 246) }
```

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

```
.background{ background-color: rgb(235,  
238, 246) }
```

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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