

Converting Colors

YIQ(238.4010, -8.6190, -3.4910)

Have a look what the booklet for
YIQ(238.4010, -8.6190, -3.4910)
contains.

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Color

**YIQ(238.4010, -8.6190,
-3.4910)**

Conversions

Conversions Part 1

Format	Color
Hex	E4F3F2
RGB	228, 243, 242
RGB Percent	89%, 95%, 95%
CMY	0.1059, 0.0470, 0.0510
CMYK	0.06, 0.00, 0.00, 0.05
HSL	176°, 38%, 92%
HSV	176°, 6%, 95%
XYZ	80.0702, 87.0077, 96.5717
YIQ	238.4010, -8.6190, -3.4910

Conversions

Conversions Part 2

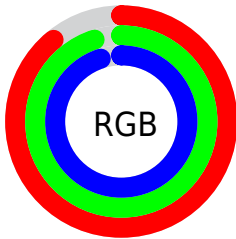
Format	Color
R _Y B	228, 236, 243
Decimal	15004658
CIE Lab	94.74, -5.11, -1.22
CIE LCh	95, 5.256, 193.478
Yxy	87.0077, 0.3037, 0.3300
Android (android.graphics.Color)	4293194738 (0xFFE4F3F2)
YUV	238.4010, 1.7743, -9.1217
Hunter-Lab	93.2779, -10.0112, 3.9109

Details

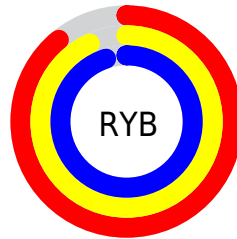
The YIQ color $238.4010, -8.6190, -3.4910$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $232.5990, 8.6190, 3.4910$, and the grayscale version is $238.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $182.7000, -8.0230, -3.2790$ is the 20% darker color. If you saturate the color by 10%, you get $230.9970, -22.2810, -9.2010$, and if you desaturate by 10%, it is $245.8050, 5.0430, 2.2190$.

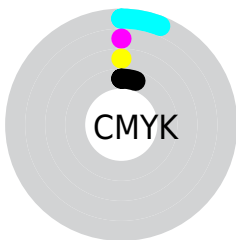
Distribution



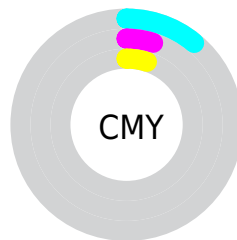
- Red (89%)
- Green (95%)
- Blue (95%)



- Red (89%)
- Yellow (93%)
- Blue (95%)



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



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

Brightness & Saturation Gradients

These gradients show how the YIQ color 238.4010, -8.6190, -3.4910 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 238.4010, -8.6190, -3.4910 by changing the saturation by 10% instead.

■ 238.4010, -8.6190,
-3.4910

■ 238.4010, -8.6190,
-3.4910

255.0000, -0.0000,
-0.0000

■ 210.4010, -8.6190,
-3.4910

■ 182.7000, -8.0230,
-3.2790

■ 155.7000, -8.0230,
-3.2790

■ 129.7000, -8.0230,
-3.2790

■ 104.1130, -7.7480,
-2.7560

■ 80.2980, -6.8310,
-2.8550

■ 57.2980, -6.8310,

-2.8550

■ 35.7110, -6.5560,
-2.3320

■ 14.1020, -9.2150,
-3.7030

■ 238.4010, -8.6190,
-3.4910

■ 238.4010, -8.6190,
-3.4910

■ 230.9970,
-22.2810, -9.2010

■ 245.8050, 5.0430,
2.2190

■ 223.4080,
-36.8600, -14.8120

■ 246.8160, 6.5100,
3.1660

■ 216.0040,
-50.5220, -20.5220

■ 247.0440, 5.8680,
3.7880

■ 208.6000,
-64.1840, -26.2320

■ 247.2720, 5.2260,
4.4100

■ 201.0110,
-78.7630, -31.8430

■ 247.3860, 4.9050,
4.7210

■ 193.6070,
-92.4250, -37.5530

■ 247.6140, 4.2630,
5.3430

■ 186.2030,
-106.0870, -43.2630

■ 247.8420, 3.6210,
5.9650

■ 178.9130,
-120.0700, -48.6620

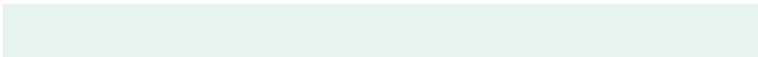
■ 247.9560, 3.3000,
6.2760

■ 171.2100,
-134.3280, -54.5840

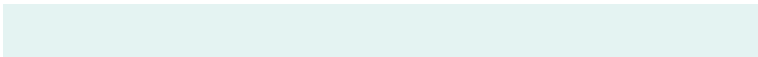
Harmonies

Analogous

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



238.7280, -5.2260, -4.4100



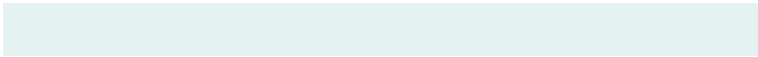
238.4010, -8.6190, -3.4910



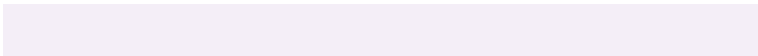
238.3840, -9.9490, -1.4130

Triad

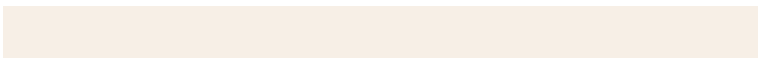
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



238.4010, -8.6190, -3.4910



240.8200, 0.6870, 4.0710



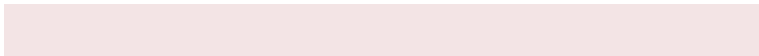
240.3660, 7.6570, -1.1030

Complementary

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



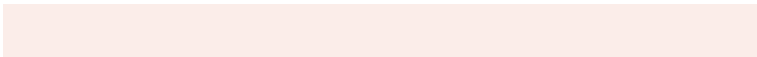
238.4010, -8.6190, -3.4910



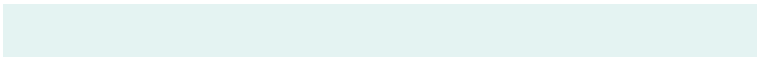
232.5990, 8.6190, 3.4910

Split Complementary

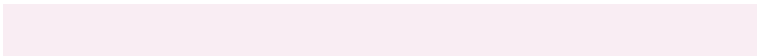
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



240.7300, 9.6280, 1.7240



238.4010, -8.6190, -3.4910



241.2720, 5.2260, 4.4100

Square

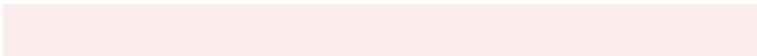
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



238.4010, -8.6190, -3.4910



239.9550, -4.1270, 3.2090



241.3000, 8.0230, 3.2790



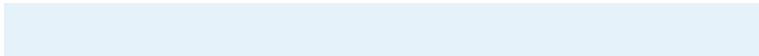
239.4580, 4.4020, -2.6860

Rectangle

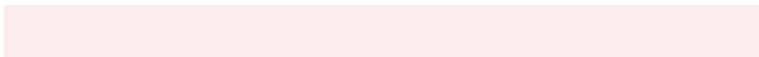
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



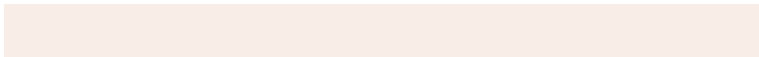
238.4010, -8.6190, -3.4910



239.2100, -9.3990, -0.3670



241.3000, 8.0230, 3.2790



240.4910, 8.8030, 0.1550

Sweetspot

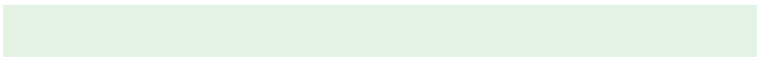
The Sweet Spot groups the original color and five complimentary colors.



238.4010, -8.6190, -3.4910



253.5050, -2.9800, -1.0600



237.1040, -3.5290, -7.6330



126.9890, -1.4670, -0.9470



0.0000, 0.0000, 0.0000



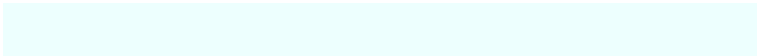
128.0000, -0.0000, -0.0000

Same Dimension

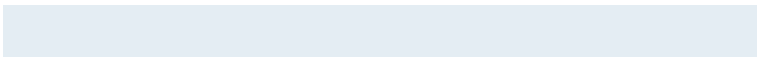
The Same Dimension uses a secret algorithm to generate beautiful new colors.



238.4010, -8.6190, -3.4910



249.5040, -10.4070, -4.1270



234.9930, -7.2900, -0.0420



119.3090, -5.3640, -1.9080



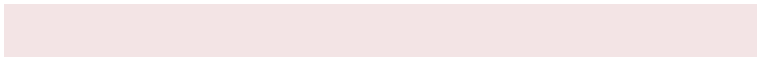
129.0180, -107.0040, -43.1640



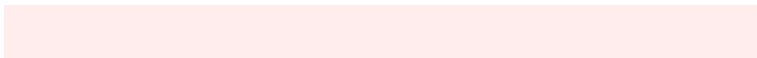
40.9030, -33.8800, -13.7520

Inverse Universe

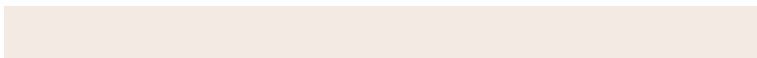
The Inverse Universe completely reimagines the original color for something new.



232.5990, 8.6190, 3.4910



242.4960, 10.4070, 4.1270



236.0070, 7.2900, 0.0420



115.6910, 5.3640, 1.9080



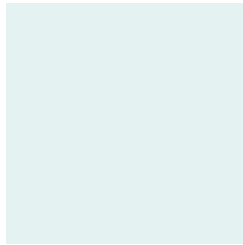
57.0960, 106.6830, 43.4750



18.0970, 33.8800, 13.7520

Previews

White Background



This preview shows how the YIQ color 238.4010, -8.6190, -3.4910 looks on a white background.

Color Contrast Check

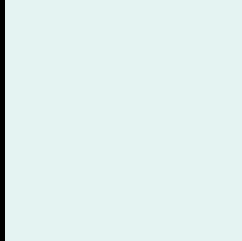
Large Text (above 18pt) WCAG AA × Fail

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 238.4010, -8.6190, -3.4910 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

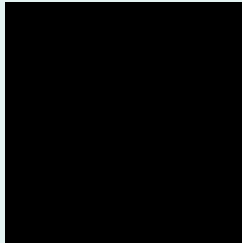
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

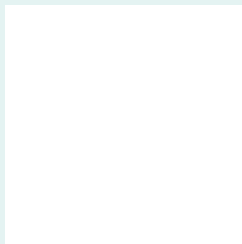
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 238.4010, -8.6190, -3.4910

Background



This preview shows how black text looks on a background with the YIQ color 238.4010, -8.6190, -3.4910.



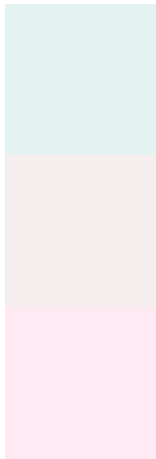
This preview shows how white text looks on a background with the YIQ color 238.4010, -8.6190, -3.4910.

-3.4910.

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

238.4010, -8.6190, -3.4910

Protanopia

239.9080, 3.2550, 1.5830

Deuteranopia

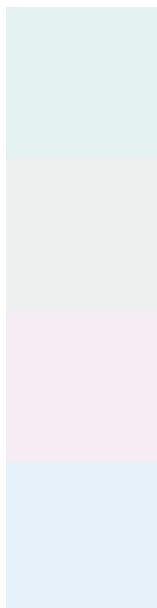
241.3050, 9.6270, 7.2510



Tritanopia

239.6170, -8.9870, 3.1810

Trichromacy



Original Color

238.4010, -8.6190, -3.4910

Protanomaly

239.4020, -1.1920, -0.4240

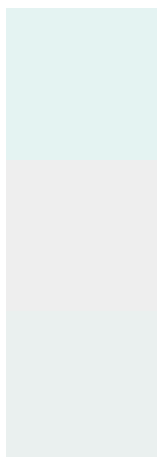
Deuteranomaly

240.0760, 2.8420, 3.5620

Tritanomaly

239.0360, -8.8490, 0.6790

Monochromacy



Original Color

238.4010, -8.6190, -3.4910

Achromatopsia

238.0000, -0.0000, 0.0000

Achromatomaly

238.0920, -3.2550, -1.5830

CSS Examples

Text

The CSS property to change the color of the text to YIQ 238.4010, -8.6190, -3.4910 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(228, 243, 242)` looks like.

```
.text, #text, p{  
    color:rgb(228, 243, 242)  
}
```

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(228, 243, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 243, 242) }
```

Border

The CSS property to change the border of an element to YIQ 238.4010, -8.6190, -3.4910 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(228, 243, 242) }
```


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

```
.border{ border-color:rgb(228, 243, 242) }
```

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

Here you see how a box with a 4 pixel rgb(228, 243, 242) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 243, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 243, 242);  
box-shadow:4px 4px 4px 4px rgb(228, 243,  
242) }
```

Background

The CSS property to change the background color of an element to YIQ 238.4010, -8.6190, -3.4910 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 243, 242) }
```

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

```
.background{ background-color: rgb(228,  
243, 242) }
```

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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