

Converting Colors

YIQ(238.3950, -8.4820, -0.4660)

Have a look what the booklet for
YIQ(238.3950, -8.4820, -0.4660)
contains.

YIQ(238.3950, -8.4820, -0.4660)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(238.3950, -8.4820,
-0.4660)**

Conversions

Conversions Part 1

Format	Color
Hex	E6F1F7
RGB	230, 241, 247
RGB Percent	90%, 95%, 97%
CMY	0.0981, 0.0549, 0.0314
CMYK	0.07, 0.02, 0.00, 0.03
HSL	201°, 51%, 94%
HSV	201°, 7%, 97%
XYZ	80.8750, 86.4502, 100.4118
YIQ	238.3950, -8.4820, -0.4660

Conversions

Conversions Part 2

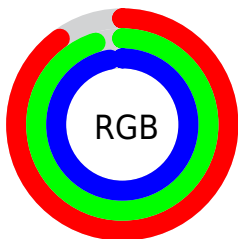
Format	Color
R _Y B	230, 237, 247
Decimal	15135223
CIE Lab	94.50, -2.51, -4.15
CIE LCh	95, 4.849, 238.795
Yxy	86.4502, 0.3021, 0.3229
Android (android.graphics.Color)	4293325303 (0xFFE6F1F7)
YUV	238.3950, 4.2423, -7.3624
Hunter-Lab	92.9786, -7.4491, 1.0551

Details

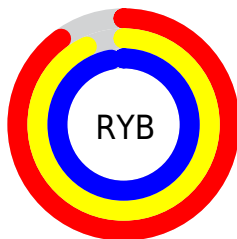
The YIQ color $238.3950, -8.4820, -0.4660$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $238.6050, 8.4820, 0.4660$, and the grayscale version is $238.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $182.3950, -8.4820, -0.4660$ is the 20% darker color. If you saturate the color by 10%, you get $225.6370, -20.9070, -1.0590$, and if you desaturate by 10%, it is $251.1530, 3.9430, 0.1270$.

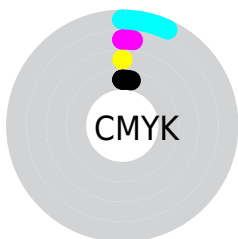
Distribution



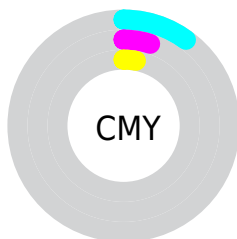
- Red (90%)
- Green (95%)
- Blue (97%)



- Red (90%)
- Yellow (93%)
- Blue (97%)



- Cyan (7%)
- Magenta (2%)
- Yellow (0%)
- Black (3%)



- Cyan (10%)
- Magenta (5%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 238.3950, -8.4820, -0.4660 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 238.3950, -8.4820, -0.4660 by changing the saturation by 10% instead.

■ 238.3950, -8.4820,
-0.4660

■ 238.3950, -8.4820,
-0.4660

255.0000, -0.0000,
-0.0000

■ 210.3950, -8.4820,
-0.4660

■ 182.3950, -8.4820,
-0.4660

■ 155.6940, -7.8860,
-0.2540

■ 129.5800, -7.5650,
-0.5650

■ 104.5800, -7.5650,
-0.5650

■ 80.5800, -7.5650,
-0.5650

■ 57.7650, -6.6480,

-0.6640

■ 35.7650, -6.6480,
-0.6640

■ 13.9820, -8.7570,
-0.9890

■ 238.3950, -8.4820,
-0.4660

■ 238.3950, -8.4820,
-0.4660

■ 225.6370,
-20.9070, -1.0590

■ 251.1530, 3.9430,
0.1270

■ 213.7650,
-33.0110, -1.9630

■ 254.0880, 2.5680,
-2.4880

■ 201.0070,
-45.4360, -2.5560

■ 188.2490,
-57.8610, -3.1490

■ 176.3770,
-69.9650, -4.0530

■ 163.6190,
-82.3900, -4.6460

■ 150.8610,
-94.8150, -5.2390

■ 138.1030,
-107.2400, -5.8320

■ 126.2310,
-119.3440, -6.7360

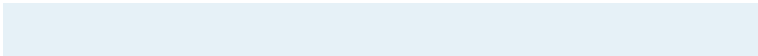
Harmonies

Analogous

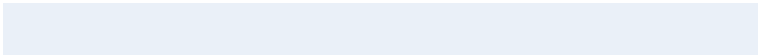
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



237.9280, -8.6650, -2.6570



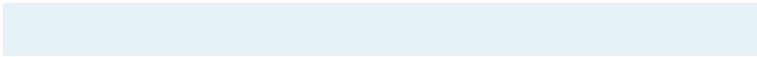
238.3950, -8.4820, -0.4660



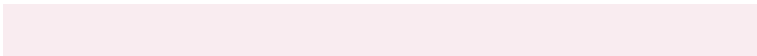
239.1180, -6.1440, 1.2160

Triad

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



238.3950, -8.4820, -0.4660



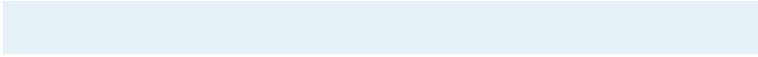
240.3430, 6.4640, 4.0000



238.3760, 1.6970, -3.2230

Complementary

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



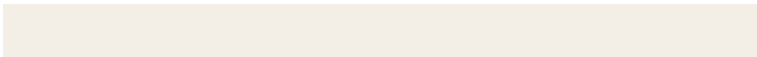
238.3950, -8.4820, -0.4660



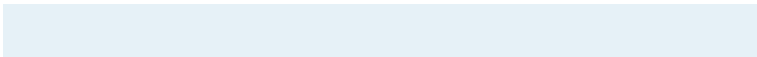
238.6050, 8.4820, 0.4660

Split Complementary

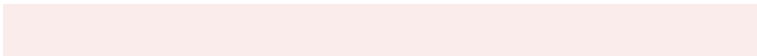
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



239.4690, 5.8690, -1.7390



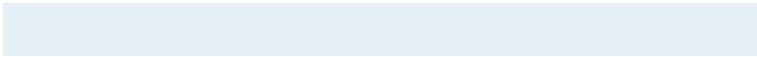
238.3950, -8.4820, -0.4660



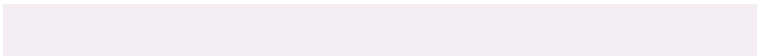
240.0720, 8.6650, 2.6570

Square

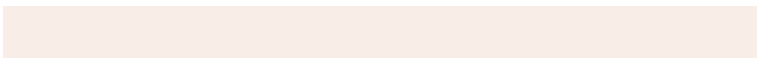
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



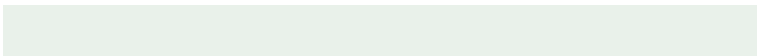
238.3950, -8.4820, -0.4660



240.1900, 2.5210, 3.8730



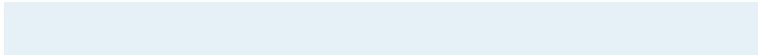
239.6050, 8.4820, 0.4660



237.8100, -2.5210, -3.8730

Rectangle

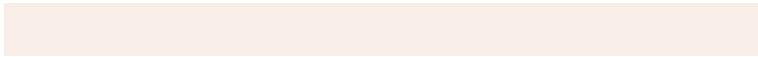
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



238.3950, -8.4820, -0.4660



239.7270, -3.4850, 2.5870



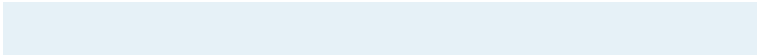
239.6050, 8.4820, 0.4660



238.8600, 3.2100, -3.1100

Sweetspot

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



238.3950, -8.4820, -0.4660



252.3310, -2.4300, -0.0140



240.6630, -6.6010, -7.0250



126.5160, -1.5130, -0.1130



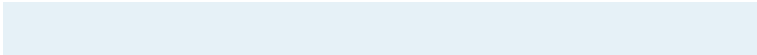
0.0000, 0.0000, 0.0000



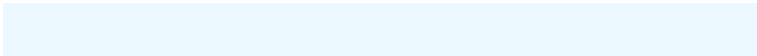
128.0000, -0.0000, -0.0000

Same Dimension

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



238.3950, -8.4820, -0.4660



244.9110, -9.9950, -0.5790



233.6990, -6.2820, 3.7180



116.0640, -6.0520, -0.4520



92.2310, -92.9810, -5.4370



29.0320, -29.3890, -1.5250

Inverse Universe

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



236.3370, 6.6010, 7.0250



242.4620, 7.7470, 8.2830



243.3010, 6.2820, -3.7180



114.5000, 4.5840, 5.0320



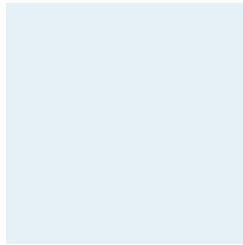
69.4080, 72.0150, 77.0630



21.9730, 22.9660, 24.3260

Previews

White Background



This preview shows how the YIQ color 238.3950, -8.4820, -0.4660 looks on a white background.

Color Contrast Check

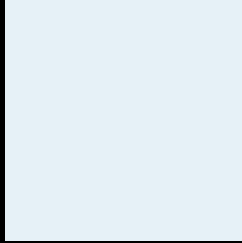
Large Text (above 18pt) WCAG AA × Fail

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 238.3950, -8.4820, -0.4660 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

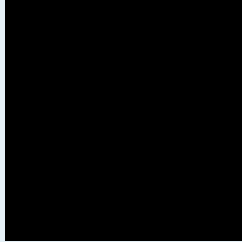
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

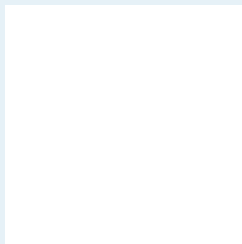
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 238.3950, -8.4820, -0.4660

Background



This preview shows how black text looks on a background with the YIQ color 238.3950, -8.4820, -0.4660.



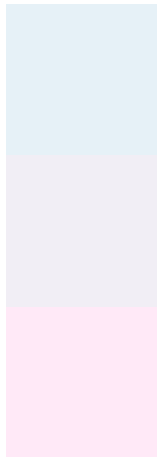
This preview shows how white text looks on a background with the YIQ color 238.3950, -8.4820,

-0.4660.

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

238.3950, -8.4820, -0.4660

Protanopia

239.6950, -0.4590, 2.8130

Deuteranopia

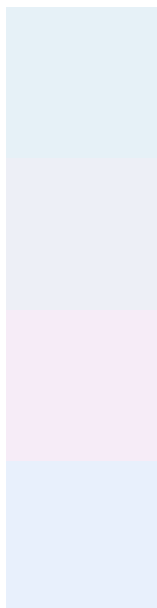
241.1740, 8.6180, 9.0180



Tritanopia

239.0300, -8.7120, 3.7040

Trichromacy



Original Color

238.3950, -8.4820, -0.4660

Protanomaly

239.2000, -3.4390, 1.7530

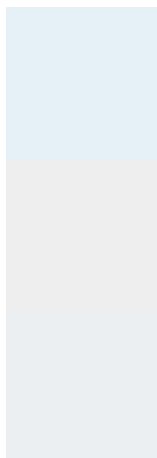
Deuteranomaly

240.2440, 2.4290, 5.5410

Tritanomaly

238.9760, -8.6200, 2.0360

Monochromacy



Original Color

238.3950, -8.4820, -0.4660

Achromatopsia

238.0000, -0.0000, 0.0000

Achromatomaly

238.0320, -3.0260, -0.2260

CSS Examples

Text

The CSS property to change the color of the text to YIQ 238.3950, -8.4820, -0.4660 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(230, 241, 247)` looks like.

```
.text, #text, p{  
    color:rgb(230, 241, 247)  
}
```

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(230, 241, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 241, 247) }
```

Border

The CSS property to change the border of an element to YIQ 238.3950, -8.4820, -0.4660 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(230, 241, 247) }
```


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

```
.border{ border-color:rgb(230, 241, 247) }
```

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

Here you see how a box with a 4 pixel rgb(230, 241, 247) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 241, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 241, 247);  
box-shadow:4px 4px 4px 4px rgb(230, 241,  
247) }
```

Background

The CSS property to change the background color of an element to YIQ 238.3950, -8.4820, -0.4660 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 241, 247) }
```

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

```
.background{ background-color: rgb(230,  
241, 247) }
```

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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