

Converting Colors

YIQ(240.3800, -4.1260, -2.3180)

Have a look what the booklet for
YIQ(240.3800, -4.1260, -2.3180)
contains.

YIQ(240.3800, -4.1260, -2.3180)	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(240.3800, -4.1260,
-2.3180)**

Conversions

Conversions Part 1

Format	Color
Hex	EBF3F1
RGB	235, 243, 241
RGB Percent	92%, 95%, 95%
CMY	0.0784, 0.0470, 0.0549
CMYK	0.03, 0.00, 0.01, 0.05
HSL	165°, 25%, 94%
HSV	165°, 3%, 95%
XYZ	82.1875, 88.1151, 95.8923
YIQ	240.3800, -4.1260, -2.3180

Conversions

Conversions Part 2

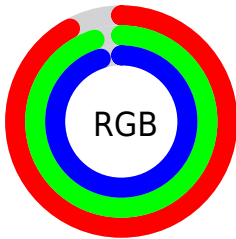
Format	Color
R _Y B	235, 240, 243
Decimal	15463409
CIE Lab	95.21, -3.00, 0.03
CIE LCh	95, 3.002, 179.363
Yxy	88.1151, 0.3087, 0.3310
Android (android.graphics.Color)	4293653489 (0xFFEBF3F1)
YUV	240.3800, 0.3057, -4.7183
Hunter-Lab	93.8697, -7.9865, 5.1412

Details

The YIQ color $240.3800, -4.1260, -2.3180$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $237.6200, 4.1260, 2.3180$, and the grayscale version is $240.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $184.3800, -4.1260, -2.3180$ is the 20% darker color. If you saturate the color by 10%, you get $232.5200, -16.5040, -9.2720$, and if you desaturate by 10%, it is $247.0440, 5.8680, 3.7880$.

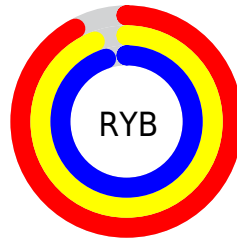
Distribution



Red (92%)

Green (95%)

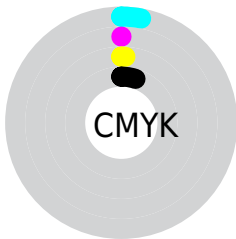
Blue (95%)



Red (92%)

Yellow (94%)

Blue (95%)

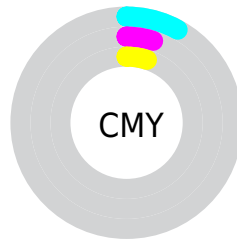


Cyan (3%)

Magenta (0%)

Yellow (1%)

Black (5%)



Cyan (8%)

Magenta (5%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 240.3800, -4.1260, -2.3180 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 240.3800, -4.1260, -2.3180 by changing the saturation by 10% instead.

■ 240.3800, -4.1260,
-2.3180

■ 240.3800, -4.1260,
-2.3180

255.0000, -0.0000,
-0.0000

■ 212.3800, -4.1260,
-2.3180

■ 184.3800, -4.1260,
-2.3180

■ 157.6790, -3.5300,
-2.1060

■ 131.6790, -3.5300,
-2.1060

■ 106.6790, -3.5300,
-2.1060

■ 82.0920, -3.2550,
-1.5830

■ 59.0920, -3.2550,

-1.5830

■ 37.0920, -3.2550,
-1.5830

■ 16.3800, -4.1260,
-2.3180

■ 240.3800, -4.1260,
-2.3180

■ 240.3800, -4.1260,
-2.3180

■ 232.5200,
-16.5040, -9.2720

■ 247.0440, 5.8680,
3.7880

■ 224.3610,
-29.4780, -16.4380

■ 247.7280, 3.9420,
5.6540

■ 216.5010,
-41.8560, -23.3920

■ 247.9560, 3.3000,
6.2760

■ 208.6410,
-54.2340, -30.3460

■ 200.4820,
-67.2080, -37.5120

■ 192.5080,
-79.2650, -44.7770

■ 184.6480,
-91.6430, -51.7310

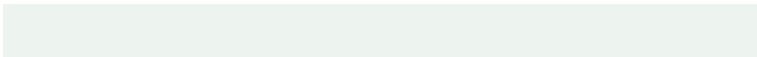
■ 176.7880,
-104.0210, -58.6850

■ 168.6290,
-116.9950, -65.8510

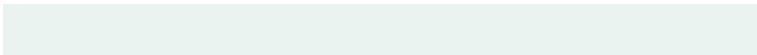
Harmonies

Analogous

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



240.6360, -1.9710, -2.8270



240.3800, -4.1260, -2.3180



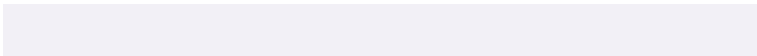
240.4230, -5.6850, -1.5970

Triad

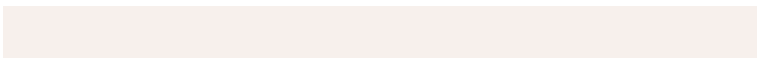
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



240.3800, -4.1260, -2.3180



241.2820, -0.7340, 2.2900



241.6370, 5.4560, 0.2400

Complementary

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



240.3800, -4.1260, -2.3180



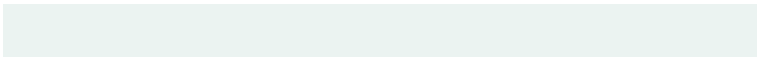
237.6200, 4.1260, 2.3180

Split Complementary

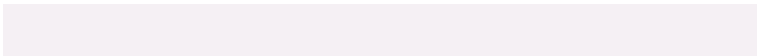
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



241.5770, 5.6850, 1.5970



240.3800, -4.1260, -2.3180



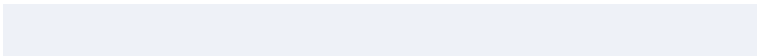
241.9510, 1.6960, 2.3040

Square

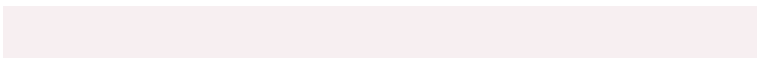
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



240.3800, -4.1260, -2.3180



240.7870, -3.7140, 1.2300



241.6200, 4.1260, 2.3180



241.2130, 3.7140, -1.2300

Rectangle

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



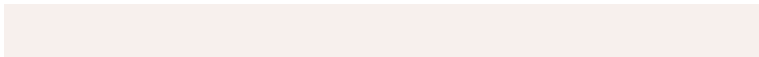
240.3800, -4.1260, -2.3180



240.8360, -5.4100, -1.0740



241.6200, 4.1260, 2.3180



241.7510, 5.1350, 0.5510

Sweetspot

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



240.3800, -4.1260, -2.3180



253.9890, -1.4670, -0.9470



240.2940, -1.0080, -3.7600



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.



240.3800, -4.1260, -2.3180



251.6680, -4.9970, -3.0530



239.4340, -4.2180, -0.6500



120.0920, -3.2550, -1.5830



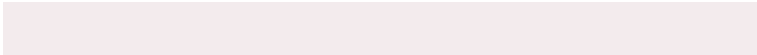
125.0280, -95.7690, -54.0490



39.6490, -30.3490, -17.1730

Inverse Universe

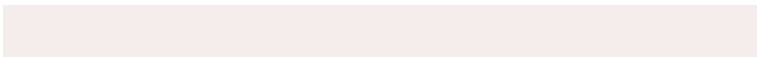
The Inverse Universe completely reimagines the original color for something new.



237.6200, 4.1260, 2.3180



248.2180, 5.3180, 2.7420



238.5660, 4.2180, 0.6500



118.0220, 2.9340, 1.8940



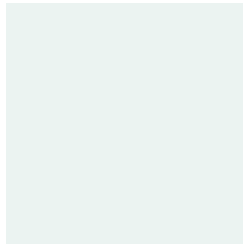
60.9720, 95.7690, 54.0490



19.3510, 30.3490, 17.1730

Previews

White Background



This preview shows how the YIQ color 240.3800, -4.1260, -2.3180 looks on a white background.

Color Contrast Check

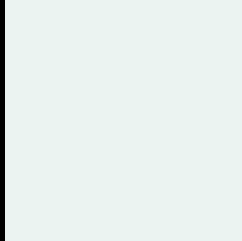
Large Text (above 18pt) WCAG AA × Fail

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 240.3800, -4.1260, -2.3180 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

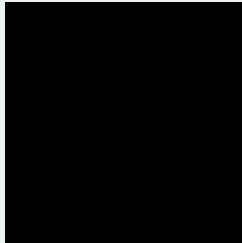
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

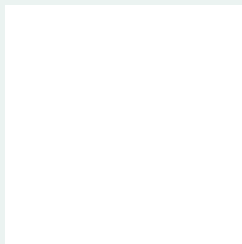
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 240.3800, -4.1260, -2.3180

Background



This preview shows how black text looks on a background with the YIQ color 240.3800, -4.1260, -2.3180.



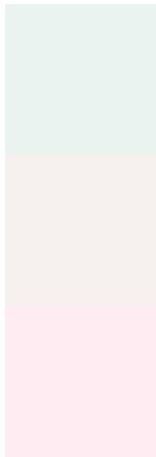
This preview shows how white text looks on a background with the YIQ color 240.3800, -4.1260, -2.3180.

-2.380.

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

240.3800, -4.1260, -2.3180

Protanopia

241.6800, 3.8970, 0.9610

Deuteranopia

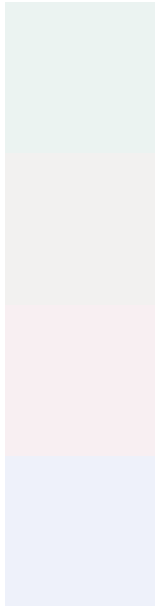
242.3650, 9.3980, 5.8940



Tritanopia

241.4110, -5.4110, 4.4530

Trichromacy



Original Color

240.3800, -4.1260, -2.3180

Protanomaly

241.1850, 0.9170, -0.0990

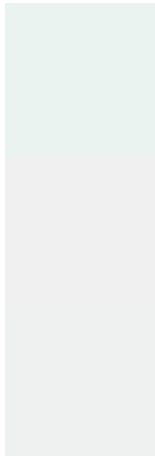
Deuteranomaly

242.0330, 4.4010, 2.8410

Tritanomaly

241.1290, -4.6770, 2.1630

Monochromacy



Original Color

240.3800, -4.1260, -2.3180

Achromatopsia

240.0000, -0.0000, -0.0000

Achromatomaly

239.9890, -1.4670, -0.9470

CSS Examples

Text

The CSS property to change the color of the text to YIQ 240.3800, -4.1260, -2.3180 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, 243, 241)` looks like.

```
.text, #text, p{  
    color:rgb(235, 243, 241)  
}
```

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, 243, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 243, 241) }
```

Border

The CSS property to change the border of an element to YIQ 240.3800, -4.1260, -2.3180 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, 243, 241) }
```


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

```
.border{ border-color:rgb(235, 243, 241) }
```

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

Here you see how a box with a 4 pixel rgb(235, 243, 241) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 243, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 243, 241);  
box-shadow:4px 4px 4px 4px rgb(235, 243,  
241) }
```

Background

The CSS property to change the background color of an element to YIQ 240.3800, -4.1260, -2.3180 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 243, 241) }
```

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

```
.background{ background-color: rgb(235,  
243, 241) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor