

Converting Colors

YIQ(244.8460, -11.3700,
-3.1940)

Have a look what the booklet for
YIQ(244.8460, -11.3700, -3.1940)
contains.

YIQ(244.8460, -11.3700, -3.1940)	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(244.8460, -11.3700,
-3.1940)**

Conversions

Conversions Part 1

Format	Color
Hex	E8FAFC
RGB	232, 250, 252
RGB Percent	91%, 98%, 99%
CMY	0.0902, 0.0196, 0.0118
CMYK	0.08, 0.01, 0.00, 0.01
HSL	186°, 77%, 95%
HSV	186°, 8%, 99%
XYZ	85.0320, 92.5575, 105.4693
YIQ	244.8460, -11.3700, -3.1940

Conversions

Conversions Part 2

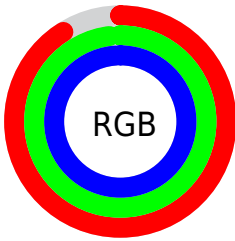
Format	Color
R _Y B	232, 241, 252
Decimal	15268604
CIE Lab	97.05, -5.49, -2.98
CIE LCh	97, 6.247, 208.468
Yxy	92.5575, 0.3004, 0.3270
Android (android.graphics.Color)	4293458684 (0xFFE8FAFC)
YUV	244.8460, 3.5269, -11.2659
Hunter-Lab	96.2068, -10.5953, 2.3465

Details

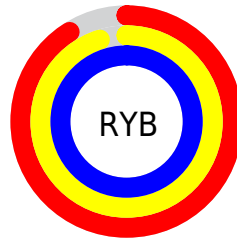
The YIQ color $244.8460, -11.3700, -3.1940$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $239.1540, 11.3700, 3.1940$, and the grayscale version is $245.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $188.7320, -11.0490, -3.5050$ is the 20% darker color. If you saturate the color by 10%, you get $236.1970, -25.7200, -7.4480$, and if you desaturate by 10%, it is $253.4840, 1.5130, 0.1130$.

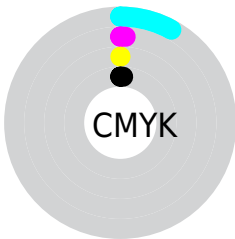
Distribution



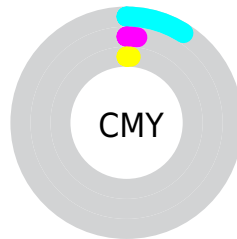
- Red (91%)
- Green (98%)
- Blue (99%)



- Red (91%)
- Yellow (95%)
- Blue (99%)



- Cyan (8%)
- Magenta (1%)
- Yellow (0%)
- Black (1%)



- Cyan (9%)
- Magenta (2%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 244.8460, -11.3700, -3.1940 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 244.8460, -11.3700, -3.1940 by changing the saturation by 10% instead.

244.8460,
-11.3700, -3.1940

244.8460,
-11.3700, -3.1940

255.0000, -0.0000,
-0.0000

216.1450,
-10.7740, -2.9820

188.7320,
-11.0490, -3.5050

161.4440,
-10.1780, -2.7700

135.4440,
-10.1780, -2.7700

110.3300, -9.8570,
-3.0810

85.7430, -9.5820,
-2.5580

62.6290, -9.2610,

-2.8690

■ 40.0420, -8.9860,
-2.3460

■ 19.3300, -9.8570,
-3.0810

■ 244.8460,
-11.3700, -3.1940

■ 244.8460,
-11.3700, -3.1940

■ 236.1970,
-25.7200, -7.4480

■ 253.4840, 1.5130,
0.1130

■ 226.9610,
-39.7950, -11.1790

■ 254.6580, 0.9630,
-0.9330

■ 218.0130,
-54.7410, -15.6450

■ 208.7770,
-68.8160, -19.3760

■ 200.1280,
-83.1660, -23.6300

■ 190.8920,
-97.2410, -27.3610

■ 182.2430,
-111.5910, -31.6150

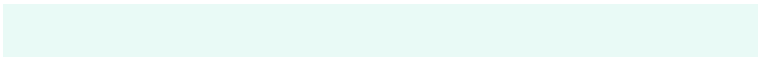
■ 172.7080,
-126.2620, -35.5580

■ 164.0590,
-140.6120, -39.8120

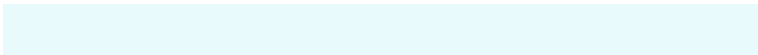
Harmonies

Analogous

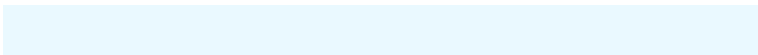
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



244.4610, -8.8480, -4.8480



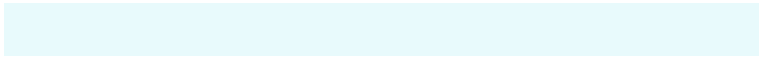
244.8460, -11.3700, -3.1940



245.1990, -10.8660, -1.3140

Triad

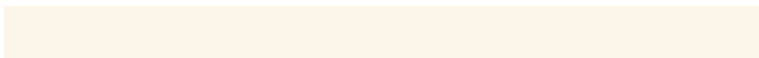
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



244.8460, -11.3700, -3.1940



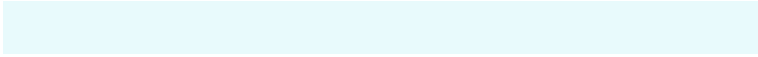
247.4290, 3.3460, 5.4420



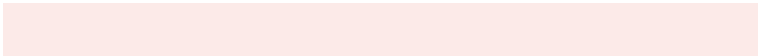
246.4260, 7.4280, -2.4600

Complementary

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



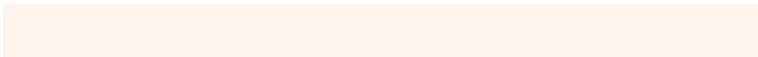
244.8460, -11.3700, -3.1940



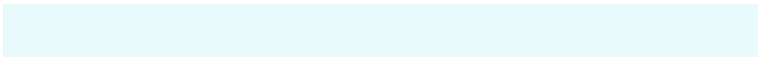
239.1540, 11.3700, 3.1940

Split Complementary

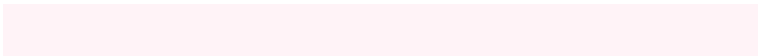
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



246.3770, 9.1240, -0.1560



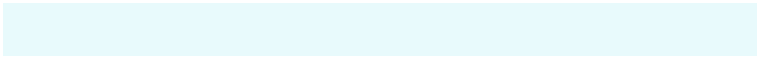
244.8460, -11.3700, -3.1940



247.0440, 5.8680, 3.7880

Square

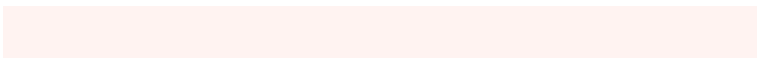
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



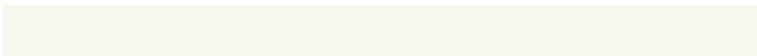
244.8460, -11.3700, -3.1940



247.0370, -1.4220, 3.7460



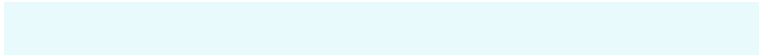
246.3600, 7.7940, 1.9220



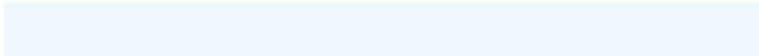
245.7350, 2.0640, -4.3680

Rectangle

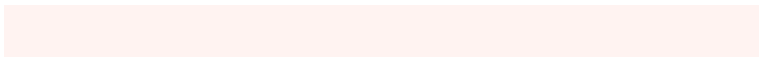
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



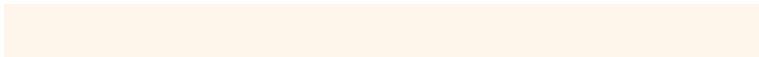
244.8460, -11.3700, -3.1940



245.8080, -8.2070, 0.0570



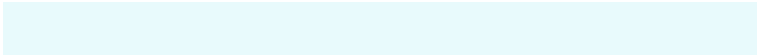
246.3600, 7.7940, 1.9220



246.5510, 8.5740, -1.2020

Sweetspot

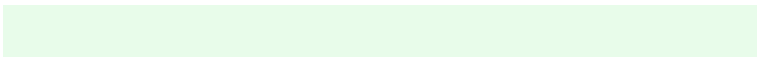
The Sweet Spot groups the original color and five complimentary colors.



244.8460, -11.3700, -3.1940



252.9180, -2.7050, -0.5370



243.9680, -6.1420, -9.8380



126.5160, -1.5130, -0.1130



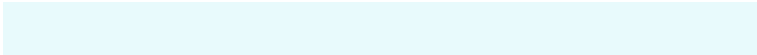
0.0000, 0.0000, 0.0000



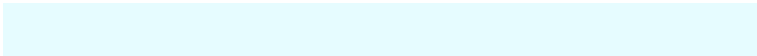
128.0000, -0.0000, -0.0000

Same Dimension

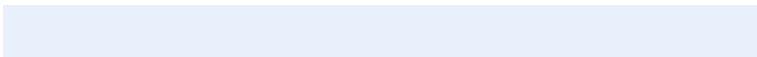
The Same Dimension uses a secret algorithm to generate beautiful new colors.



244.8460, -11.3700, -3.1940



245.7640, -14.0750, -3.7310



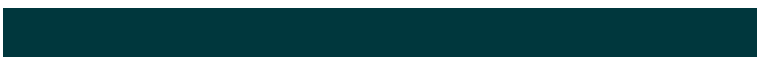
238.9760, -8.6200, 2.0360



120.5260, -7.4730, -2.2330



121.3360, -107.4190, -30.1310



39.2390, -34.7060, -9.7940

Inverse Universe

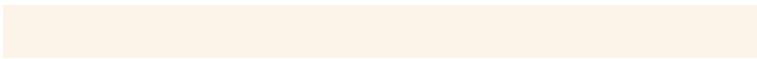
The Inverse Universe completely reimagines the original color for something new.



240.0320, 6.1420, 9.8380



239.9830, 7.8380, 12.1420



245.0240, 8.6200, -2.0360



117.2550, 3.8960, 6.4880



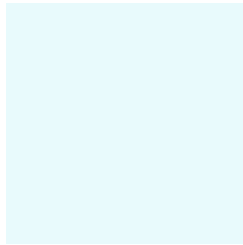
75.8910, 58.0740, 92.9380



24.5090, 18.7010, 30.0370

Previews

White Background



This preview shows how the YIQ color 244.8460, -11.3700, -3.1940 looks on a white background.

Color Contrast Check

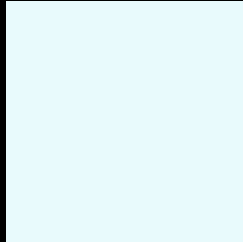
Large Text (above 18pt) WCAG AA × Fail

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 244.8460, -11.3700, -3.1940 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

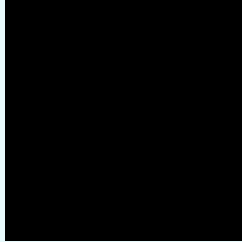
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 244.8460, -11.3700, -3.1940

Background



This preview shows how black text looks on a background with the YIQ color 244.8460, -11.3700, -3.1940.



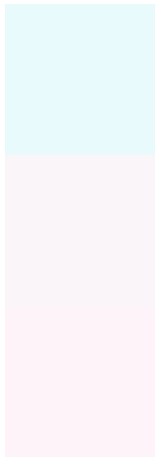
This preview shows how white text looks on a background with the YIQ color 244.8460, -11.3700, -3.1940.

-3.1940.

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

244.8460, -11.3700, -3.1940

Protanopia

246.9510, 1.6960, 2.3040

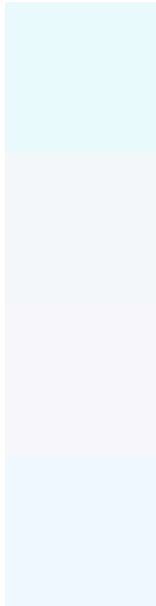
Deuteranopia

247.3860, 4.9050, 4.7210

Tritanopia

246.4170, -5.5480, 1.4280

Trichromacy



Original Color

244.8460, -11.3700, -3.1940

Protanomaly

246.1460, -3.3470, 0.0850

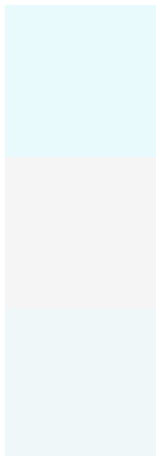
Deuteranomaly

246.8690, -1.0090, 1.7670

Tritanomaly

245.6940, -7.8860, -0.2540

Monochromacy



Original Color

244.8460, -11.3700, -3.1940

Achromatopsia

245.0000, -0.0000, 0.0000

Achromatomaly

245.0210, -4.4930, -1.1730

CSS Examples

Text

The CSS property to change the color of the text to YIQ 244.8460, -11.3700, -3.1940 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, 250, 252)` looks like.

```
.text, #text, p{  
    color:rgb(232, 250, 252)  
}
```

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, 250, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 250, 252) }
```

Border

The CSS property to change the border of an element to YIQ 244.8460, -11.3700, -3.1940 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, 250, 252) }
```


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

```
.border{ border-color:rgb(232, 250, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 250, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 250, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 250, 252);  
box-shadow:4px 4px 4px 4px rgb(232, 250,  
252) }
```

Background

The CSS property to change the background color of an element to YIQ 244.8460, -11.3700, -3.1940 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 250, 252) }
```

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

```
.background{ background-color: rgb(232,  
250, 252) }
```

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