

Converting Colors

YIQ(161.8140, -34.7070,
-4.2670)

Have a look what the booklet for
YIQ(161.8140, -34.7070, -4.2670)
contains.

YIQ(161.8140, -34.7070, -4.2670)	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(161.8140, -34.7070,
-4.2670)**

Conversions

Conversions Part 1

Format	Color
Hex	7EAE C1
RGB	126, 174, 193
RGB Percent	49%, 68%, 76%
CMY	0.5060, 0.3176, 0.2433
CMYK	0.35, 0.10, 0.00, 0.24
HSL	197°, 35%, 63%
HSV	197°, 35%, 76%
XYZ	33.3616, 38.5621, 56.1142
YIQ	161.8140, -34.7070, -4.2670

Conversions

Conversions Part 2

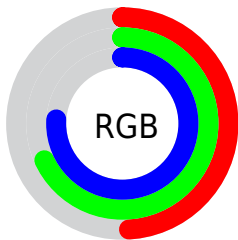
Format	Color
RYB	126, 154, 193
Decimal	8302273
CIELab	68.43, -11.23, -14.78
CIELCh	68, 18.561, 232.754
Yxy	38.5621, 0.2606, 0.3012
Android (android.graphics.Color)	4286492353 (0xFF7EAE C1)
YUV	161.8140, 15.3747, -31.4089
Hunter-Lab	62.0984, -12.7752, -10.1076

Details

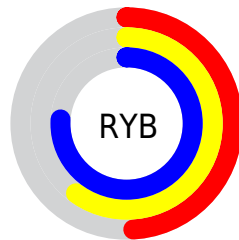
The YIQ color **161.8140, -34.7070, -4.2670** is a light color, and the websafe version is hex **669999**. A complement of this color would be **157.1860, 34.7070, 4.2670**, and the grayscale version is **162.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **217.5150, -35.3030, -4.4790**, and **109.5860, -34.0650, -4.8890** is the 20% darker color. If you saturate the color by 10%, you get **153.1980, -44.6560, -5.6800**, and if you desaturate by 10%, it is **170.4300, -24.7580, -2.8540**.

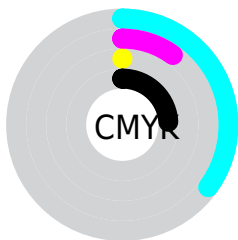
Distribution



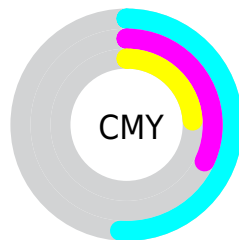
- Red (49%)
- Green (68%)
- Blue (76%)



- Red (49%)
- Yellow (60%)
- Blue (76%)



- Cyan (35%)
- Magenta (10%)
- Yellow (0%)
- Black (24%)



- Cyan (51%)
- Magenta (32%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 161.8140, -34.7070, -4.2670 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 161.8140, -34.7070, -4.2670 by changing the saturation by 10% instead.

■ 161.8140,
-34.7070, -4.2670

■ 161.8140,
-34.7070, -4.2670

■ 255.0000, -0.0000,
-0.0000

■ 135.1130,
-34.1110, -4.0550

■ 217.5150,
-35.3030, -4.4790

■ 109.5860,
-34.0650, -4.8890

■ 241.2460,
-27.4160, -9.7520

■ 83.9880, -35.2570,
-5.3130

■ 249.9170,
-10.1320, -3.6040

■ 58.3790, -37.9160,
-6.6840

■ 36.8740, -34.9360,
-5.6240

■ 22.0390, -22.0990,
-1.4830

■ 3.3230, -7.9790,

6.9410

■ 0.0000, 0.0000,
0.0000

■ 161.8140,
-34.7070, -4.2670

■ 161.8140,
-34.7070, -4.2670

■ 153.1980,
-44.6560, -5.6800

■ 170.4300,
-24.7580, -2.8540

■ 143.6960,
-54.9260, -6.7820

■ 179.9320,
-14.4880, -1.7520

■ 135.0800,
-64.8750, -8.1950

■ 188.5480, -4.5390,
-0.3390

■ 125.8770,
-74.5490, -9.0850

■ 197.7510, 5.1350,
0.5510

■ 116.9620,
-85.0940, -10.7100

■ 206.3670, 15.0840,
1.9640

■ 107.7590,
-94.7680, -11.6000

■ 215.8690, 25.3540,
3.0660

■ 103.0080,
-99.9030, -12.1510

■ 222.6910, 31.7270,
3.2070

■ 226.2130, 30.0770,
0.0690

■ 229.1480, 28.7020,
-2.5460

Harmonies

Analogous

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



160.1960, -33.1470, -10.5150



161.8140, -34.7070, -4.2670



165.3470, -25.7220, 3.6060

Triad

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



161.8140, -34.7070, -4.2670



169.7950, 20.1710, 14.4030



164.9280, 8.5300, -11.4220

Complementary

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



161.8140, -34.7070, -4.2670



157.1860, 34.7070, 4.2670

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.



166.5600, 21.5500, -5.0900



161.8140, -34.7070, -4.2670



169.6400, 27.7370, 9.4410

Square

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



161.8140, -34.7070, -4.2670



169.9660, 6.5080, 14.2200



168.3100, 28.4260, 2.4580



162.7350, -7.1040, -14.4320

Rectangle

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



161.8140, -34.7070, -4.2670



167.0710, -15.9570, 8.3550



168.3100, 28.4260, 2.4580



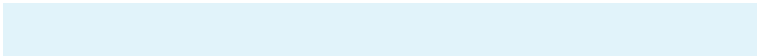
165.3200, 13.2980, -9.7260

Sweetspot

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



161.8140, -34.7070, -4.2670



238.4160, -12.9750, -1.6390



167.3810, -24.2030, -29.4430



118.1670, -7.8400, -1.0880



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

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



161.8140, -34.7070, -4.2670



200.9950, -54.3300, -6.5700



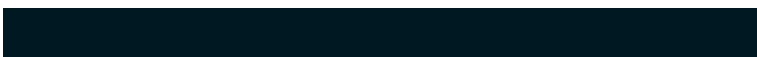
143.0300, -25.9070, 12.4690



92.2490, -5.1350, -0.5510



85.8590, -83.3060, -10.0740



17.8500, -17.1930, -2.2890

Inverse Universe

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



151.5050, 24.5240, 29.1320



184.9450, 38.5050, 45.5850



175.9700, 25.9070, -12.4690



90.7880, 3.7130, 4.2970



61.2490, 59.0410, 69.8970



12.6030, 11.9640, 14.4600

Previews

White Background



This preview shows how the YIQ color 161.8140, -34.7070, -4.2670 looks on a white background.

Color Contrast Check

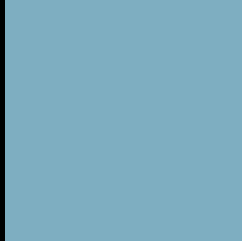
Large Text (above 18pt) WCAG AA × Fail

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 161.8140, -34.7070, -4.2670 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

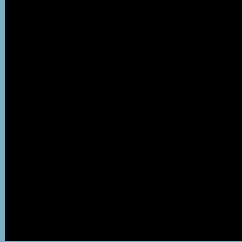
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 161.8140, -34.7070, -4.2670

Background



This preview shows how black text looks on a background with the YIQ color 161.8140, -34.7070, -4.2670.



This preview shows how white text looks on a background with the YIQ color 161.8140, -34.7070,

-4.2670.

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

161.8140, -34.7070, -4.2670

Protanopia

166.9100, -8.2540, 6.4180

Deuteranopia

167.5560, -7.0170, 11.5350



Tritanopia

161.6460, -34.2940, -6.2460

Trichromacy



Original Color

161.8140, -34.7070, -4.2670

Protanomaly

165.0120, -17.4690, 2.7150

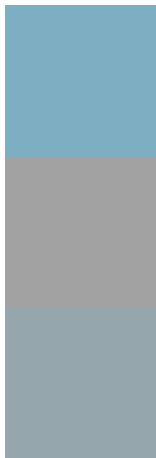
Deuteranomaly

165.3050, -16.7360, 5.9520

Tritanomaly

161.7600, -34.6150, -5.9350

Monochromacy



Original Color

161.8140, -34.7070, -4.2670

Achromatopsia

162.0000, -0.0000, 0.0000

Achromatomaly

161.7150, -12.3790, -1.4270

CSS Examples

Text

The CSS property to change the color of the text to YIQ 161.8140, -34.7070, -4.2670 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(126, 174, 193)` looks like.

```
.text, #text, p{  
    color:rgb(126, 174, 193)  
}
```

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(126, 174, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 174, 193) }
```

Border

The CSS property to change the border of an element to YIQ 161.8140, -34.7070, -4.2670 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(126, 174, 193) }
```


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

```
.border{ border-color:rgb(126, 174, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 174, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 174, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 174, 193);  
box-shadow:4px 4px 4px 4px rgb(126, 174,  
193) }
```

Background

The CSS property to change the background color of an element to YIQ 161.8140, -34.7070, -4.2670 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 174, 193) }
```

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

```
.background{ background-color: rgb(126,  
174, 193) }
```

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