

Converting Colors

YIQ(234.3340, -15.6800,
-2.1760)

Have a look what the booklet for
YIQ(234.3340, -15.6800, -2.1760)
contains.

YIQ(234.3340, -15.6800, -2.1760)	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(234.3340, -15.6800,
-2.1760)**

Conversions

Conversions Part 1

Format	Color
Hex	DAF0F8
RGB	218, 240, 248
RGB Percent	85%, 94%, 97%
CMY	0.1451, 0.0588, 0.0275
CMYK	0.12, 0.03, 0.00, 0.03
HSL	196°, 68%, 91%
HSV	196°, 12%, 97%
XYZ	77.0132, 84.0054, 100.9484
YIQ	234.3340, -15.6800, -2.1760

Conversions

Conversions Part 2

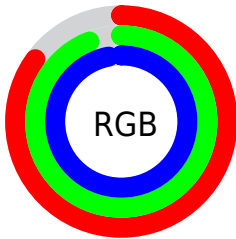
Format	Color
R _Y B	218, 231, 248
Decimal	14348536
CIE Lab	93.45, -5.64, -6.31
CIE LCh	93, 8.464, 228.175
Yxy	84.0054, 0.2940, 0.3207
Android (android.graphics.Color)	4292538616 (0xFFDAF0F8)
YUV	234.3340, 6.7373, -14.3249
Hunter-Lab	91.6545, -10.4096, -1.1440

Details

The YIQ color $234.3340, -15.6800, -2.1760$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $231.6660, 15.6800, 2.1760$, and the grayscale version is $234.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $178.6330, -15.0840, -1.9640$ is the 20% darker color. If you saturate the color by 10%, you get $222.7500, -28.6550, -3.8150$, and if you desaturate by 10%, it is $245.9180, -2.7050, -0.5370$.

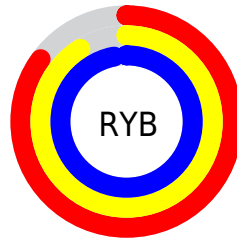
Distribution



Red (85%)

Green (94%)

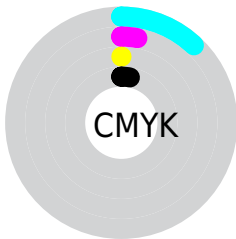
Blue (97%)



Red (85%)

Yellow (91%)

Blue (97%)

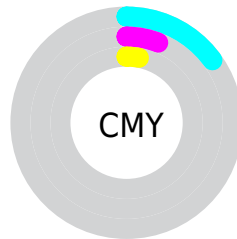


Cyan (12%)

Magenta (3%)

Yellow (0%)

Black (3%)



Cyan (15%)

Magenta (6%)

Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 234.3340, -15.6800, -2.1760 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 234.3340, -15.6800, -2.1760 by changing the saturation by 10% instead.

■ 234.3340,
-15.6800, -2.1760

■ 234.3340,
-15.6800, -2.1760

255.0000, -0.0000,
-0.0000

■ 206.2200,
-15.3590, -2.4870

■ 178.6330,
-15.0840, -1.9640

■ 151.6330,
-15.0840, -1.9640

■ 125.8180,
-14.1670, -2.0630

■ 100.8180,
-14.1670, -2.0630

■ 77.0030, -13.2500,
-2.1620

■ 54.0030, -13.2500,

-2.1620

■ 32.0030, -13.2500,
-2.1620

■ 12.0140, -11.7830,
-1.2150

■ 234.3340,
-15.6800, -2.1760

■ 234.3340,
-15.6800, -2.1760

■ 222.7500,
-28.6550, -3.8150

■ 245.9180, -2.7050,
-0.5370

■ 211.7530,
-41.9050, -5.9770

■ 253.0280, 2.7970,
-1.1310

■ 200.4680,
-54.2840, -7.4040

■ 254.2020, 2.2470,
-2.1770

■ 189.4710,
-67.5340, -9.5660

■ 177.8870,
-80.5090, -11.2050

■ 166.3030,
-93.4840, -12.8440

■ 155.3060,
-106.7340, -15.0060

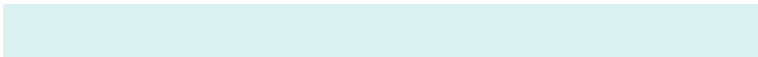
■ 144.0210,
-119.1130, -16.4330

■ 135.1060,
-129.6580, -18.0580

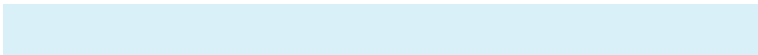
Harmonies

Analogous

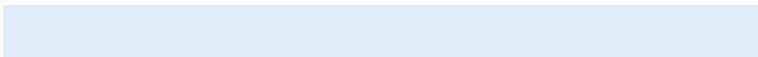
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



233.8240, -14.3040, -5.0880



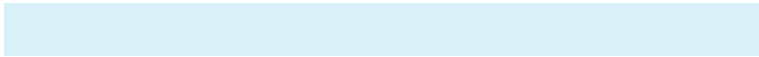
234.3340, -15.6800, -2.1760



235.4100, -12.8380, 1.3860

Triad

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



234.3340, -15.6800, -2.1760



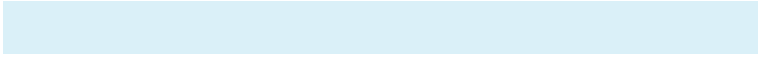
238.0060, 9.0310, 7.0390



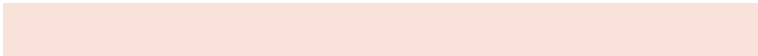
235.4750, 5.7320, -4.7640

Complementary

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



234.3340, -15.6800, -2.1760



231.6660, 15.6800, 2.1760

Split Complementary

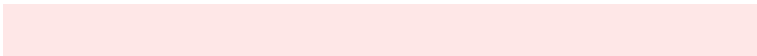
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



236.8780, 11.9670, -2.1210



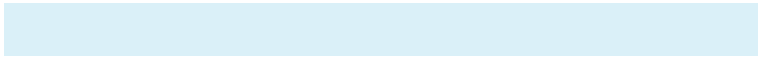
234.3340, -15.6800, -2.1760



237.8770, 13.7080, 4.8760

Square

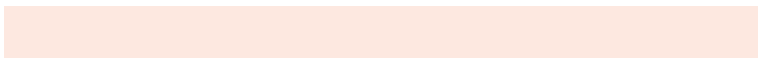
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



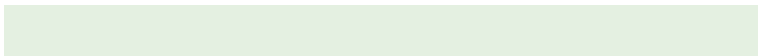
234.3340, -15.6800, -2.1760



237.8850, 2.0620, 6.6860



237.3670, 15.0840, 1.9640



234.7020, -2.3370, -7.2090

Rectangle

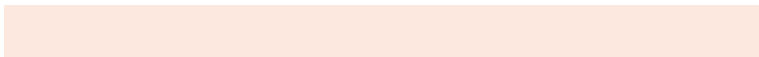
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



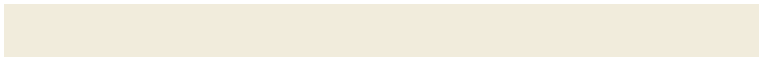
234.3340, -15.6800, -2.1760



236.3290, -8.1160, 3.9160



237.3670, 15.0840, 1.9640



235.6710, 8.1160, -3.9160

Sweetspot

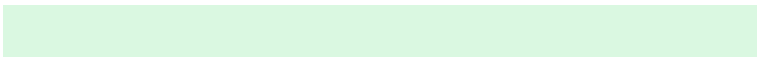
The Sweet Spot groups the original color and five complimentary colors.



234.3340, -15.6800, -2.1760



250.2490, -5.1350, -0.5510



236.4080, -10.4970, -13.5130



124.7330, -3.6220, -0.4380



0.0000, 0.0000, 0.0000



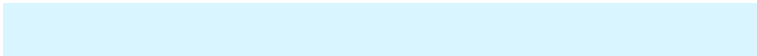
128.0000, -0.0000, -0.0000

Same Dimension

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



234.3340, -15.6800, -2.1760



237.7680, -19.8980, -2.8260



225.5290, -11.5550, 5.6690



119.3520, -6.9230, -1.1870



103.1390, -98.8940, -13.9180



33.3690, -31.9560, -4.5640

Inverse Universe

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



229.4780, 10.8180, 13.2020



231.5540, 13.6600, 16.7640



239.8840, 11.8300, -5.1460



117.0270, 4.5380, 5.8660



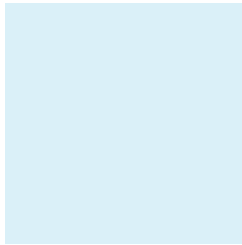
72.3570, 68.0250, 83.2970



23.3690, 21.9110, 26.9270

Previews

White Background



This preview shows how the YIQ color 234.3340, -15.6800, -2.1760 looks on a white background.

Color Contrast Check

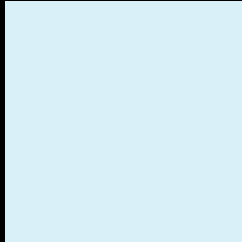
Large Text (above 18pt) WCAG AA × Fail

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 234.3340, -15.6800, -2.1760 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

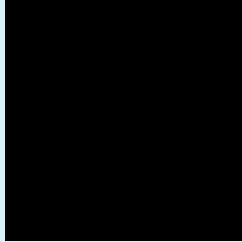
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 234.3340, -15.6800, -2.1760

Background



This preview shows how black text looks on a background with the YIQ color 234.3340, -15.6800, -2.1760.



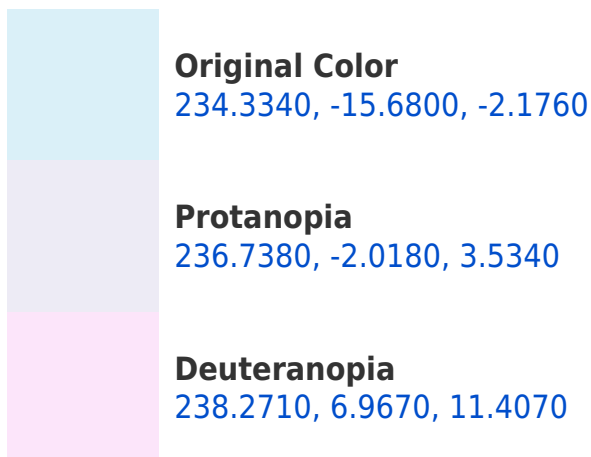
This preview shows how white text looks on a background with the YIQ color 234.3340, -15.6800, -2.1760.

-2.1760.

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

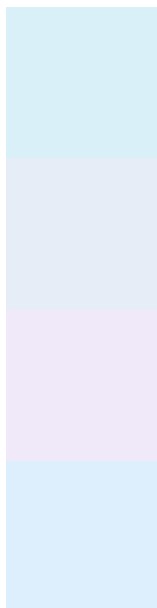




Tritanopia

235.1540, -14.9930, 1.8950

Trichromacy



Original Color

234.3340, -15.6800, -2.1760

Protanomaly

235.9330, -7.0610, 1.3150

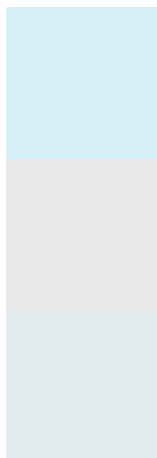
Deuteranomaly

236.9170, -0.9640, 6.4600

Tritanomaly

235.1000, -14.9010, 0.2270

Monochromacy



Original Color

234.3340, -15.6800, -2.1760

Achromatopsia

234.0000, -0.0000, 0.0000

Achromatomaly

233.9500, -5.7310, -0.7630

CSS Examples

Text

The CSS property to change the color of the text to YIQ 234.3340, -15.6800, -2.1760 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(218, 240, 248)` looks like.

```
.text, #text, p{  
    color:rgb(218, 240, 248)  
}
```

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(218, 240, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 240, 248) }
```

Border

The CSS property to change the border of an element to YIQ 234.3340, -15.6800, -2.1760 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(218, 240, 248) }
```


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

```
.border{ border-color:rgb(218, 240, 248) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 240, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 240, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 240, 248);  
box-shadow:4px 4px 4px 4px rgb(218, 240,  
248) }
```

Background

The CSS property to change the background color of an element to YIQ 234.3340, -15.6800, -2.1760 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 240, 248) }
```

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

```
.background{ background-color: rgb(218,  
240, 248) }
```

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