

Converting Colors

YIQ(216.3570, -15.6280,
-36.1720)

Have a look what the booklet for
YIQ(216.3570, -15.6280, -36.1720)
contains.

YIQ(216.3570, -15.6280, -36.1720)	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(216.3570, -15.6280,
-36.1720)**

Conversions

Conversions Part 1

Format	Color
Hex	B3F4AC
RGB	179, 244, 172
RGB Percent	70%, 96%, 67%
CMY	0.2982, 0.0430, 0.3255
CMYK	0.27, 0.00, 0.30, 0.04
HSL	114°, 77%, 82%
HSV	114°, 30%, 96%
XYZ	58.3837, 77.2738, 50.8671
YIQ	216.3570, -15.6280, -36.1720

Conversions

Conversions Part 2

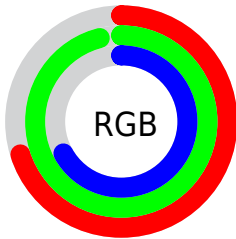
Format	Color
RYB	172, 244, 237
Decimal	11793580
CIELab	90.45, -33.79, 28.34
CIElCh	90, 44.106, 140.013
Yxy	77.2738, 0.3130, 0.4143
Android (android.graphics.Color)	4289983660 (0xFFB3F4AC)
YUV	216.3570, -21.8680, -32.7621
Hunter-Lab	87.9055, -35.2813, 27.2253

Details

The YIQ color **216.3570, -15.6280, -36.1720** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **199.6430, 15.6280, 36.1720**, and the grayscale version is **217.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **246.2410, -2.6570, -12.4250**, and **160.4110, -15.7200, -34.5040** is the 20% darker color. If you saturate the color by 10%, you get **207.0430, -21.0360, -48.3000**, and if you desaturate by 10%, it is **225.6710, -10.2200, -24.0440**.

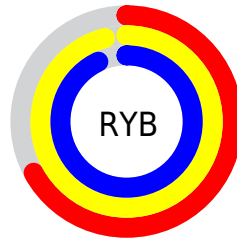
Distribution



Red (70%)

Green (96%)

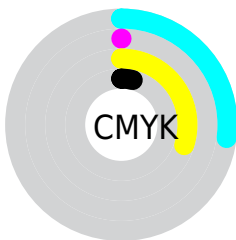
Blue (67%)



Red (67%)

Yellow (96%)

Blue (93%)

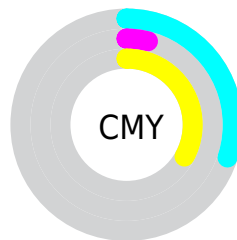


Cyan (27%)

Magenta (0%)

Yellow (30%)

Black (4%)



Cyan (30%)

Magenta (4%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 216.3570, -15.6280, -36.1720 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 216.3570, -15.6280, -36.1720 by changing the saturation by 10% instead.

■ 216.3570,
-15.6280, -36.1720

■ 216.3570,
-15.6280, -36.1720

255.0000, -0.0000,
-0.0000

■ 187.8840,
-15.6740, -35.3380

■ 246.2410, -2.6570,
-12.4250

■ 160.4110,
-15.7200, -34.5040

■ 133.9380,
-15.7660, -33.6700

■ 108.1660,
-16.4080, -33.0480

■ 82.3940, -17.0500,
-32.4260

■ 56.4260, -20.0760,
-32.6520

■ 35.2200, -16.5000,

-31.3800

■ 22.3060, -10.4500,
-19.8740

■ 1.7610, -0.8250,
-1.5690

■ 216.3570,
-15.6280, -36.1720

■ 216.3570,
-15.6280, -36.1720

■ 207.0430,
-21.0360, -48.3000

■ 225.6710,
-10.2200, -24.0440

■ 197.6150,
-26.1230, -60.7390

■ 235.0990, -5.1330,
-11.6050

■ 188.3010,
-31.5310, -72.8670

■ 244.4130, 0.2750,
0.5230

■ 178.8730,
-36.6180, -85.3060

■ 248.5430, 3.0250,
5.7530

■ 169.5590,
-42.0260, -97.4340

■ 160.2450,
-47.4340, -109.5620

■ 150.8170,
-52.5210, -122.0010

■ 150.4040,
-52.7960, -122.5240

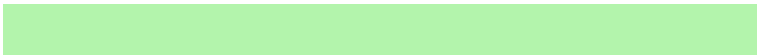
Harmonies

Analogous

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



221.9890, 23.7550, -28.5410



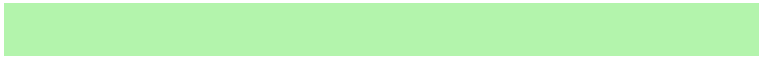
216.3570, -15.6280, -36.1720



208.5920, -61.7060, -38.1060

Triad

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



216.3570, -15.6280, -36.1720



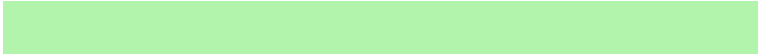
210.9570, -60.3350, -13.3830



214.2110, 33.5590, 14.0630

Complementary

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



216.3570, -15.6280, -36.1720



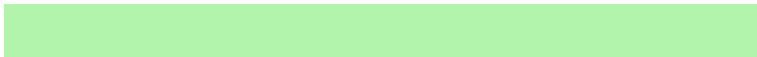
199.6430, 15.6280, 36.1720

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.



219.7000, 19.4810, 26.9130



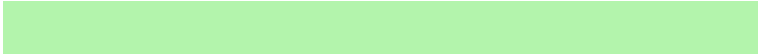
216.3570, -15.6280, -36.1720



223.0710, -15.9570, 8.3550

Square

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



216.3570, -15.6280, -36.1720



197.6910, -101.2290, -32.1810



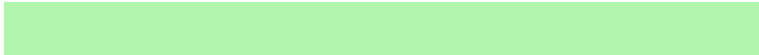
226.8240, 13.2000, 25.1040



215.9770, 42.3650, -2.3630

Rectangle

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



216.3570, -15.6280, -36.1720



202.0200, -92.1500, -37.0300



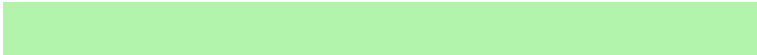
226.8240, 13.2000, 25.1040



215.2200, 29.3400, 18.9400

Sweetspot

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



216.3570, -15.6280, -36.1720



246.0990, -5.1330, -11.6050



231.6830, 25.0370, -18.7310



122.4030, -2.9330, -7.4210



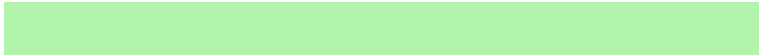
0.0000, 0.0000, 0.0000



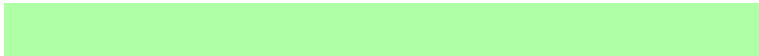
128.0000, -0.0000, -0.0000

Same Dimension

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



216.3570, -15.6280, -36.1720



220.6350, -19.7070, -44.8510



217.5700, -29.1090, -28.6370



117.3430, -2.7040, -6.0640



114.5640, -40.4220, -93.4620



36.4270, -12.6490, -29.5850

Inverse Universe

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



199.6430, 15.6280, 36.1720



200.0660, 19.1110, 44.6390



198.4300, 29.1090, 28.6370



114.6570, 2.7040, 6.0640



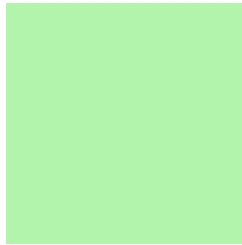
71.4360, 40.4220, 93.4620



22.5730, 12.6490, 29.5850

Previews

White Background



This preview shows how the YIQ color 216.3570, -15.6280, -36.1720 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 216.3570, -15.6280, -36.1720 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 216.3570, -15.6280, -36.1720 Background



This preview shows how black text looks on a background with the YIQ color 216.3570, -15.6280, -36.1720.



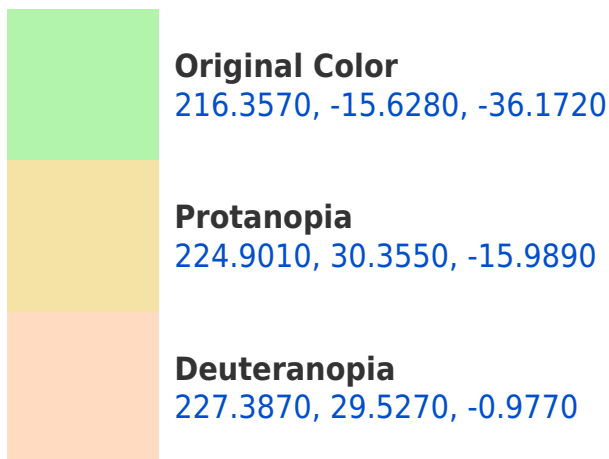
This preview shows how white text looks on a background with the YIQ color 216.3570, -15.6280, -36.1720.

-36.1720.

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

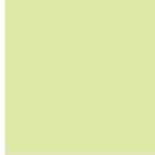
223.7930, -30.2140, -3.0940

Trichromacy



Original Color

216.3570, -15.6280, -36.1720



Protanomaly

221.5890, 13.4380, -23.2820



Deuteranomaly

223.3860, 12.9320, -14.1080



Tritanomaly

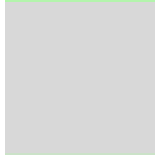
221.3400, -24.9850, -15.2650

Monochromacy



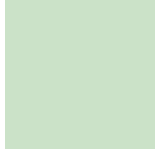
Original Color

216.3570, -15.6280, -36.1720



Achromatopsia

216.0000, -0.0000, 0.0000



Achromatomaly

216.1590, -5.3620, -12.9620

CSS Examples

Text

The CSS property to change the color of the text to YIQ 216.3570, -15.6280, -36.1720 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(179, 244, 172)` looks like.

```
.text, #text, p{  
    color:rgb(179, 244, 172)  
}
```

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(179, 244, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 244, 172) }
```

Border

The CSS property to change the border of an element to YIQ 216.3570, -15.6280, -36.1720 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(179, 244, 172) }
```


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

```
.border{ border-color:rgb(179, 244, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 244, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 244, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 244, 172);  
box-shadow:4px 4px 4px 4px rgb(179, 244,  
172) }
```

Background

The CSS property to change the background color of an element to YIQ 216.3570, -15.6280, -36.1720 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 244, 172) }
```

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

```
.background{ background-color: rgb(179,  
244, 172) }
```

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