

Converting Colors

YIQ(216.2970, -23.4260,
-15.9860)

Have a look what the booklet for
YIQ(216.2970, -23.4260, -15.9860)
contains.

YIQ(216.2970, -23.4260, -15.9860)	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(216.2970, -23.4260,
-15.9860)**

Conversions

Conversions Part 1

Format	Color
Hex	B8E9D7
RGB	184, 233, 215
RGB Percent	72%, 91%, 84%
CMY	0.2786, 0.0862, 0.1569
CMYK	0.21, 0.00, 0.08, 0.09
HSL	158°, 53%, 82%
HSV	158°, 21%, 91%
XYZ	61.1672, 73.3810, 75.2165
YIQ	216.2970, -23.4260, -15.9860

Conversions

Conversions Part 2

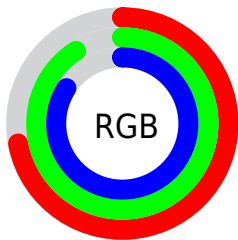
Format	Color
RYB	184, 214, 233
Decimal	12118487
CIELab	88.63, -19.31, 3.60
CIElCh	89, 19.638, 169.450
Yxy	73.3810, 0.2916, 0.3498
Android (android.graphics.Color)	4290308567 (0xFFB8E9D7)
YUV	216.2970, -0.6394, -28.3245
Hunter-Lab	85.6627, -22.4524, 7.9041

Details

The YIQ color **216.2970, -23.4260, -15.9860** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **200.7030, 23.4260, 15.9860**, and the grayscale version is **216.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **250.8140, -8.3440, -2.9680**, and **161.0090, -22.5550, -15.2510** is the 20% darker color. If you saturate the color by 10%, you get **208.3940, -34.2450, -23.6610**, and if you desaturate by 10%, it is **224.2000, -12.6070, -8.3110**.

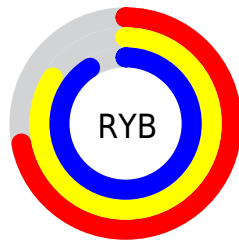
Distribution



Red (72%)

Green (91%)

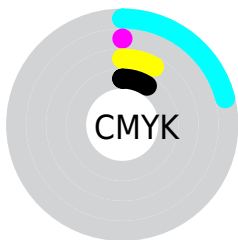
Blue (84%)



Red (72%)

Yellow (84%)

Blue (91%)

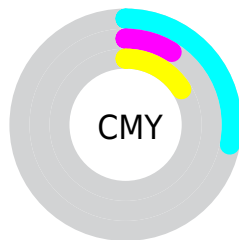


Cyan (21%)

Magenta (0%)

Yellow (8%)

Black (9%)



Cyan (28%)

Magenta (9%)

Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 216.2970, -23.4260, -15.9860 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 216.2970, -23.4260, -15.9860 by changing the saturation by 10% instead.

■ 216.2970,
-23.4260, -15.9860

■ 216.2970,
-23.4260, -15.9860

255.0000, -0.0000,
-0.0000

■ 188.5960,
-22.8300, -15.7740

■ 250.8140, -8.3440,
-2.9680

■ 161.0090,
-22.5550, -15.2510

■ 134.4220,
-22.2800, -14.7280

■ 108.8350,
-22.0050, -14.2050

■ 84.2480, -21.7300,
-13.6820

■ 60.2480, -21.7300,
-13.6820

■ 36.2800, -24.7560,

-13.9080

■ 20.3630, -14.6240,
-10.3040

■ 0.0000, 0.0000,
0.0000

■ 216.2970,
-23.4260, -15.9860

■ 216.2970,
-23.4260, -15.9860

■ 208.3940,
-34.2450, -23.6610

■ 224.2000,
-12.6070, -8.3110

■ 200.3060,
-45.9810, -31.2370

■ 232.2880, -0.8710,
-0.7350

■ 192.4030,
-56.8000, -38.9120

■ 240.1910, 9.9480,
6.9400

■ 184.6140,
-67.9400, -46.2760

■ 241.4020, 7.9760,
9.6400

■ 176.4120,
-79.3550, -54.1630

■ 242.0860, 6.0500,
11.5060

■ 168.6230,
-90.4950, -61.5270

■ 160.7200,
-101.3140, -69.2020

■ 153.5290,
-111.2620, -76.1420

Harmonies

Analogous

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



218.2790, -5.8200, -15.6760



216.2970, -23.4260, -15.9860



215.4730, -35.4850, -12.1970

Triad

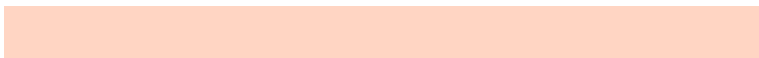
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



216.2970, -23.4260, -15.9860



223.3920, -12.4270, 10.4610



223.5060, 30.8100, 3.3060

Complementary

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



216.2970, -23.4260, -15.9860



200.7030, 23.4260, 15.9860

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.



223.5690, 26.4990, 9.8510



216.2970, -23.4260, -15.9860



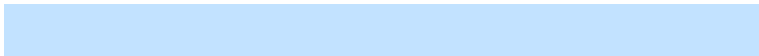
225.5360, 4.9030, 15.7750

Square

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



216.2970, -23.4260, -15.9860



219.7380, -28.3810, 2.2350



225.7350, 20.4000, 15.7600



222.7130, 25.4930, -4.9630

Rectangle

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



216.2970, -23.4260, -15.9860



216.2540, -39.0620, -7.9420



225.7350, 20.4000, 15.7600



223.3750, 29.8010, 5.0730

Sweetspot

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



216.2970, -23.4260, -15.9860



249.8310, -7.0140, -5.0460



218.4440, -2.1510, -21.5990



124.8530, -4.0800, -3.1520



0.0000, 0.0000, 0.0000



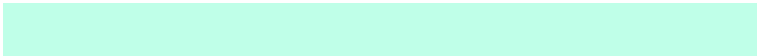
128.0000, -0.0000, -0.0000

Same Dimension

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



216.2970, -23.4260, -15.9860



233.2420, -30.7610, -20.7210



214.8270, -27.5540, -7.2500



113.2550, -5.2720, -3.5760



119.2430, -86.3690, -59.2090



35.5740, -25.7640, -17.6680

Inverse Universe

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



200.7030, 23.4260, 15.9860



212.8720, 30.4400, 21.0320



202.1730, 27.5540, 7.2500



109.7450, 5.2720, 3.5760



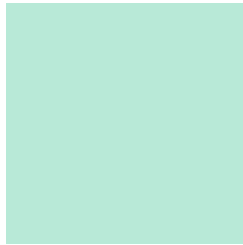
61.7570, 86.3690, 59.2090



18.4260, 25.7640, 17.6680

Previews

White Background



This preview shows how the YIQ color 216.2970, -23.4260, -15.9860 looks on a white background.

Color Contrast Check

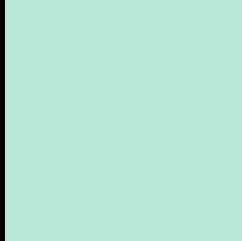
Large Text (above 18pt) WCAG AA × Fail

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 216.2970, -23.4260, -15.9860 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

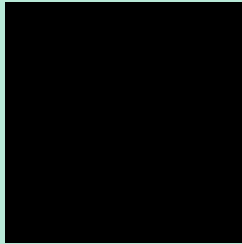
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

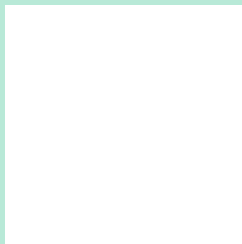
Any Text WCAG AAA ✓ Pass

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

YIQ 216.2970, -23.4260, -15.9860 Background



This preview shows how black text looks on a background with the YIQ color 216.2970, -23.4260, -15.9860.



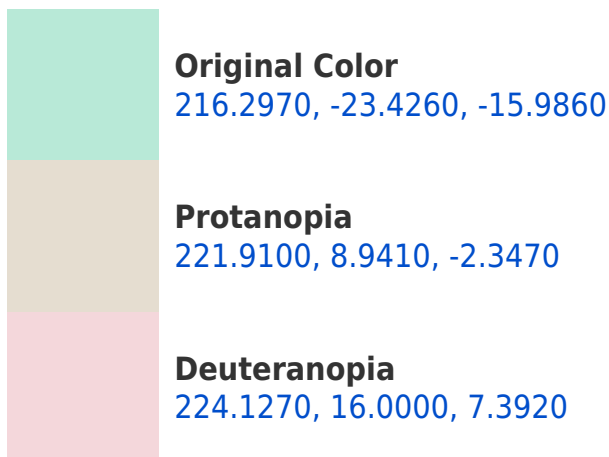
This preview shows how white text looks on a background with the YIQ color 216.2970, -23.4260, -15.9860.

-15.9860.

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

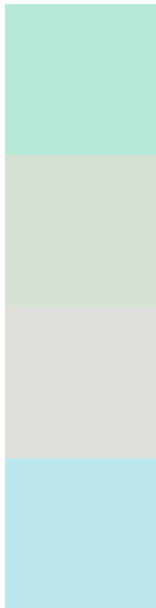




Tritanopia

218.8040, -28.7470, -2.1470

Trichromacy



Original Color

216.2970, -23.4260, -15.9860

Protanomaly

219.8160, -2.6580, -6.8980

Deuteranomaly

221.5440, 1.2840, -1.2440

Tritanomaly

218.0120, -26.6370, -7.3490

Monochromacy



Original Color

216.2970, -23.4260, -15.9860

Achromatopsia

216.0000, -0.0000, 0.0000

Achromatomaly

215.9340, -8.8020, -5.6820

CSS Examples

Text

The CSS property to change the color of the text to YIQ 216.2970, -23.4260, -15.9860 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(184, 233, 215)` looks like.

```
.text, #text, p{  
    color:rgb(184, 233, 215)  
}
```

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(184, 233, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 233, 215) }
```

Border

The CSS property to change the border of an element to YIQ 216.2970, -23.4260, -15.9860 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(184, 233, 215) }
```


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

```
.border{ border-color:rgb(184, 233, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 233, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 233, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 233, 215);  
box-shadow:4px 4px 4px 4px rgb(184, 233,  
215) }
```

Background

The CSS property to change the background color of an element to YIQ 216.2970, -23.4260, -15.9860 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 233, 215) }
```

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

```
.background{ background-color: rgb(184,  
233, 215) }
```

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