

Converting Colors

YIQ(209.5860, -16.8700,
-13.6540)

Have a look what the booklet for
YIQ(209.5860, -16.8700, -13.6540)
contains.

YIQ(209.5860, -16.8700, -13.6540)	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(209.5860, -16.8700,
-13.6540)**

Conversions

Conversions Part 1

Format	Color
Hex	B9DFCD
RGB	185, 223, 205
RGB Percent	73%, 87%, 80%
CMY	0.2746, 0.1254, 0.1961
CMYK	0.17, 0.00, 0.08, 0.13
HSL	152°, 37%, 80%
HSV	152°, 17%, 87%
XYZ	57.4111, 67.5021, 67.7524
YIQ	209.5860, -16.8700, -13.6540

Conversions

Conversions Part 2

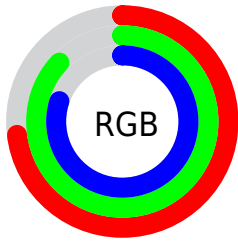
Format	Color
RYB	185, 210, 223
Decimal	12181453
CIELab	85.76, -15.95, 4.70
CIELCh	86, 16.626, 163.592
Yxy	67.5021, 0.2980, 0.3504
Android (android.graphics.Color)	4290371533 (0xFFB9DFCD)
YUV	209.5860, -2.2609, -21.5619
Hunter-Lab	82.1596, -19.0481, 8.6187

Details

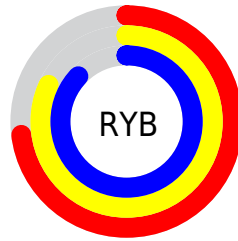
The YIQ color $209.5860, -16.8700, -13.6540$ is a light color, and the websafe version is hex $99CCCC$. A complement of this color would be $198.4140, 16.8700, 13.6540$, and the grayscale version is $210.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $250.8140, -8.3440, -2.9680$, and $154.9990, -16.5950, -13.1310$ is the 20% darker color. If you saturate the color by 10%, you get $201.7540, -26.4510, -21.7390$, and if you desaturate by 10%, it is $217.4180, -7.2890, -5.5690$.

Distribution



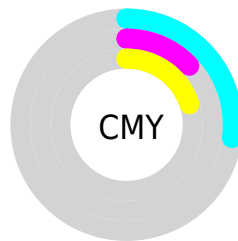
- Red (73%)
- Green (87%)
- Blue (80%)



- Red (73%)
- Yellow (82%)
- Blue (87%)



- Cyan (17%)
- Magenta (0%)
- Yellow (8%)
- Black (13%)



- Cyan (27%)
- Magenta (13%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 209.5860, -16.8700, -13.6540 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 209.5860, -16.8700, -13.6540 by changing the saturation by 10% instead.

■ 209.5860,
-16.8700, -13.6540

■ 209.5860,
-16.8700, -13.6540

255.0000, -0.0000,
-0.0000

■ 181.9990,
-16.5950, -13.1310

■ 250.8140, -8.3440,
-2.9680

■ 154.9990,
-16.5950, -13.1310

■ 128.7110,
-15.7240, -12.3960

■ 103.7110,
-15.7240, -12.3960

■ 79.1240, -15.4490,
-11.8730

■ 55.5370, -15.1740,
-11.3500

■ 33.6510, -15.4950,

-11.0390

■ 15.7010, -9.7640,
-10.2760

■ 0.0000, 0.0000,
0.0000

■ 209.5860,
-16.8700, -13.6540

■ 209.5860,
-16.8700, -13.6540

■ 201.7540,
-26.4510, -21.7390

■ 217.4180, -7.2890,
-5.5690

■ 193.7370,
-36.9490, -29.7250

■ 225.4350, 3.2090,
2.4170

■ 185.9050,
-46.5300, -37.8100

■ 233.2670, 12.7900,
10.5020

■ 178.1870,
-56.4320, -45.5840

■ 235.3040, 11.3680,
14.2480

■ 170.0560,
-66.6090, -53.8810

■ 236.2160, 8.8000,
16.7360

■ 162.3380,
-76.5110, -61.6550

■ 154.5060,
-86.0920, -69.7400

■ 146.6740,
-95.6730, -77.8250

■ 144.2390,
-98.8820, -80.2420

Harmonies

Analogous

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



211.0130, -2.0150, -13.0470



209.5860, -16.8700, -13.6540



209.0070, -28.2410, -11.3210

Triad

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



209.5860, -16.8700, -13.6540



214.5550, -14.4440, 8.4680



216.4780, 28.0130, 4.4370

Complementary

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



209.5860, -16.8700, -13.6540



198.4140, 16.8700, 13.6540

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.



217.6120, 24.9400, 10.5720



209.5860, -16.8700, -13.6540



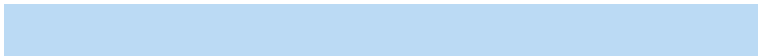
216.6880, 1.4190, 12.8350

Square

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



209.5860, -16.8700, -13.6540



211.6950, -26.8220, 1.5140



217.9300, 15.3570, 13.5410



214.6250, 22.9250, -2.4750

Rectangle

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



209.5860, -16.8700, -13.6540



209.2610, -31.7720, -7.9000



217.9300, 15.3570, 13.5410



216.7600, 27.2790, 6.7270

Sweetspot

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



209.5860, -16.8700, -13.6540



250.4290, -5.8220, -4.6220



212.6880, 0.2780, -16.0580



125.1520, -3.4840, -2.9400



0.0000, 0.0000, 0.0000



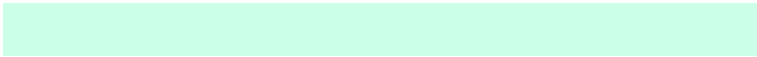
128.0000, -0.0000, -0.0000

Same Dimension

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



209.5860, -16.8700, -13.6540



237.0150, -22.6920, -18.2760



211.0510, -22.3730, -7.5330



108.1410, -4.9510, -3.8870



113.9140, -78.2530, -63.1250



31.0260, -21.2250, -17.3290

Inverse Universe

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



198.4140, 16.8700, 13.6540



221.9850, 22.6920, 18.2760



196.9490, 22.3730, 7.5330



104.8590, 4.9510, 3.8870



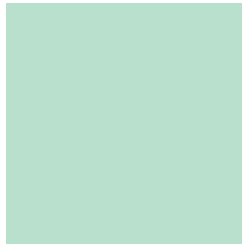
62.0860, 78.2530, 63.1250



16.9740, 21.2250, 17.3290

Previews

White Background



This preview shows how the YIQ color 209.5860, -16.8700, -13.6540 looks on a white background.

Color Contrast Check

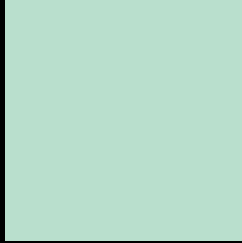
Large Text (above 18pt) WCAG AA × Fail

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 209.5860, -16.8700, -13.6540 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

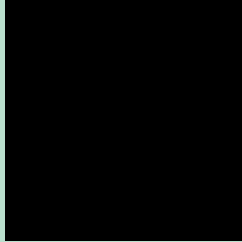
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

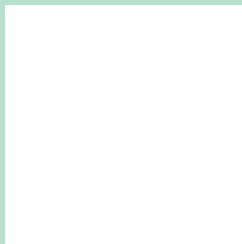
Any Text WCAG AAA ✓ Pass

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

YIQ 209.5860, -16.8700, -13.6540 Background



This preview shows how black text looks on a background with the YIQ color 209.5860, -16.8700, -13.6540.



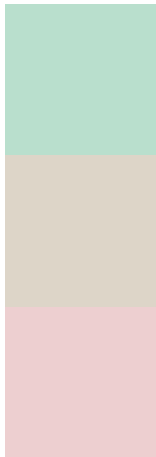
This preview shows how white text looks on a background with the YIQ color 209.5860, -16.8700, -13.6540.

-13.6540.

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

209.5860, -16.8700, -13.6540

Protanopia

213.9100, 8.9410, -2.3470

Deuteranopia

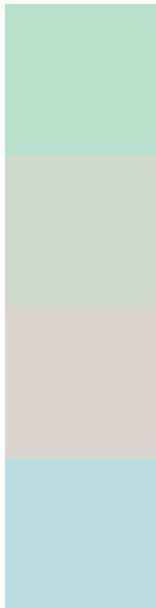
216.0840, 17.5590, 6.6710



Tritanopia

211.9790, -21.8700, -0.1260

Trichromacy



Original Color

209.5860, -16.8700, -13.6540

Protanomaly

212.5990, -0.5490, -6.5730

Deuteranomaly

213.8110, 4.9060, -0.8060

Tritanomaly

211.3010, -20.0810, -5.0170

Monochromacy



Original Color

209.5860, -16.8700, -13.6540

Achromatopsia

210.0000, 0.0000, 0.0000

Achromatomaly

210.0160, -6.0970, -5.1450

CSS Examples

Text

The CSS property to change the color of the text to YIQ 209.5860, -16.8700, -13.6540 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(185, 223, 205)` looks like.

```
.text, #text, p{  
    color:rgb(185, 223, 205)  
}
```

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(185, 223, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 223, 205) }
```

Border

The CSS property to change the border of an element to YIQ 209.5860, -16.8700, -13.6540 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(185, 223, 205) }
```


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

```
.border{ border-color:rgb(185, 223, 205) }
```

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

Here you see how a box with a 4 pixel rgb(185, 223, 205) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 223, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 223, 205);  
box-shadow:4px 4px 4px 4px rgb(185, 223,  
205) }
```

Background

The CSS property to change the background color of an element to YIQ 209.5860, -16.8700, -13.6540 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 223, 205) }
```

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

```
.background{ background-color: rgb(185,  
223, 205) }
```

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