

Converting Colors

YIQ(209.2540, -21.8670,
-16.7070)

Have a look what the booklet for
YIQ(209.2540, -21.8670, -16.7070)
contains.

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Color

**YIQ(209.2540, -21.8670,
-16.7070)**

Conversions

Conversions Part 1

Format	Color
Hex	B2E2CD
RGB	178, 226, 205
RGB Percent	70%, 89%, 80%
CMY	0.3021, 0.1136, 0.1961
CMYK	0.21, 0.00, 0.09, 0.11
HSL	154°, 45%, 79%
HSV	154°, 21%, 89%
XYZ	56.5718, 68.2717, 67.9423
YIQ	209.2540, -21.8670, -16.7070

Conversions

Conversions Part 2

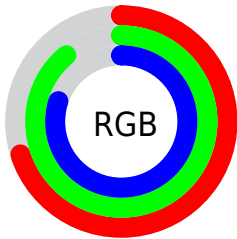
Format	Color
RYB	178, 209, 226
Decimal	11723469
CIELab	86.14, -19.68, 5.20
CIElCh	86, 20.355, 165.195
Yxy	68.2717, 0.2934, 0.3541
Android (android.graphics.Color)	4289913549 (0xFFB2E2CD)
YUV	209.2540, -2.0972, -27.4098
Hunter-Lab	82.6267, -22.3837, 9.0857

Details

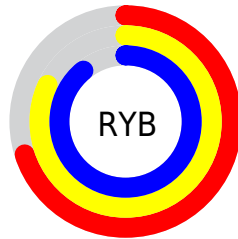
The YIQ color $209.2540, -21.8670, -16.7070$ is a light color, and the websafe version is hex $99CCCC$. A complement of this color would be $194.7460, 21.8670, 16.7070$, and the grayscale version is $209.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $248.7210, -12.5160, -4.4520$, and $154.6670, -21.5920, -16.1840$ is the 20% darker color. If you saturate the color by 10%, you get $201.2370, -32.3650, -24.6930$, and if you desaturate by 10%, it is $217.2710, -11.3690, -8.7210$.

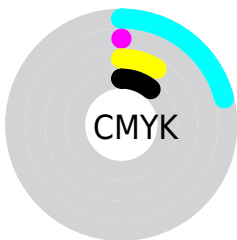
Distribution



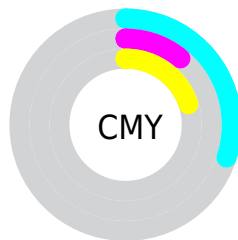
- Red (70%)
- Green (89%)
- Blue (80%)



- Red (70%)
- Yellow (82%)
- Blue (89%)



- Cyan (21%)
- Magenta (0%)
- Yellow (9%)
- Black (11%)



- Cyan (30%)
- Magenta (11%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 209.2540, -21.8670, -16.7070 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 209.2540, -21.8670, -16.7070 by changing the saturation by 10% instead.

■ 209.2540,
-21.8670, -16.7070

■ 209.2540,
-21.8670, -16.7070

■ 255.0000, -0.0000,
-0.0000

■ 181.6670,
-21.5920, -16.1840

■ 248.7210,
-12.5160, -4.4520

■ 154.6670,
-21.5920, -16.1840

■ 128.3790,
-20.7210, -15.4490

■ 102.7920,
-20.4460, -14.9260

■ 78.2050, -20.1710,
-14.4030

■ 54.3190, -20.4920,
-14.0920

■ 31.2370, -23.1970,

-14.6290

■ 17.4620, -10.5890,
-11.8450

■ 0.0000, 0.0000,
0.0000

■ 209.2540,
-21.8670, -16.7070

■ 209.2540,
-21.8670, -16.7070

■ 201.2370,
-32.3650, -24.6930

■ 217.2710,
-11.3690, -8.7210

■ 193.5190,
-42.2670, -32.4670

■ 224.9890, -1.4670,
-0.9470

■ 185.5020,
-52.7650, -40.4530

■ 233.0060, 9.0310,
7.0390

■ 177.7840,
-62.6670, -48.2270

■ 236.8370, 11.1850,
12.0570

■ 169.8810,
-73.4860, -55.9020

■ 237.8630, 8.2960,
14.8560

■ 161.8640,
-83.9840, -63.8880

■ 237.9770, 7.9750,
15.1670

■ 154.1460,
-93.8860, -71.6620

■ 147.1400,
-102.9170, -78.7010

Harmonies

Analogous

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



211.5350, -3.6650, -16.1850



209.2540, -21.8670, -16.7070



208.5330, -35.7140, -13.5540

Triad

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



209.2540, -21.8670, -16.7070



216.2390, -16.3700, 10.3340



217.5280, 33.7440, 5.2000

Complementary

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



209.2540, -21.8670, -16.7070



194.7460, 21.8670, 16.7070

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.



218.3030, 30.3040, 12.4800



209.2540, -21.8670, -16.7070



218.2800, 2.7480, 16.2840

Square

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



209.2540, -21.8670, -16.7070



212.2860, -32.9200, 1.8960



219.3760, 20.0330, 16.9050



216.0230, 27.5560, -3.8040

Rectangle

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



209.2540, -21.8670, -16.7070



209.0150, -39.8870, -9.5110



219.3760, 20.0330, 16.9050



218.1090, 33.6060, 7.7020

Sweetspot

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



209.2540, -21.8670, -16.7070



249.7170, -6.6930, -5.3570



212.7540, -0.0880, -20.4400



124.8530, -4.0800, -3.1520



0.0000, 0.0000, 0.0000



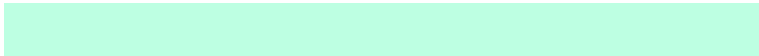
128.0000, -0.0000, -0.0000

Same Dimension

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



209.2540, -21.8670, -16.7070



231.9600, -30.0270, -23.0110



210.4740, -28.0580, -9.1300



108.1410, -4.9510, -3.8870



114.5980, -80.1790, -61.2590



31.2540, -21.8670, -16.7070

Inverse Universe

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



194.7460, 21.8670, 16.7070



212.0400, 30.0270, 23.0110



193.5260, 28.0580, 9.1300



104.8590, 4.9510, 3.8870



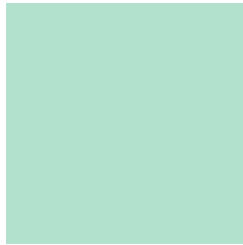
61.4020, 80.1790, 61.2590



16.7460, 21.8670, 16.7070

Previews

White Background



This preview shows how the YIQ color 209.2540, -21.8670, -16.7070 looks on a white background.

Color Contrast Check

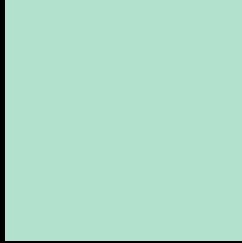
Large Text (above 18pt) WCAG AA × Fail

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 209.2540, -21.8670, -16.7070 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

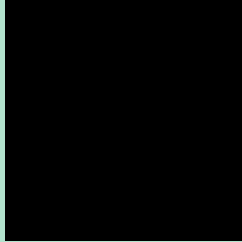
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

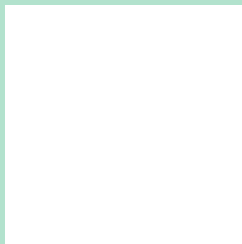
Any Text WCAG AAA ✓ Pass

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

YIQ 209.2540, -21.8670, -16.7070 Background



This preview shows how black text looks on a background with the YIQ color 209.2540, -21.8670, -16.7070.



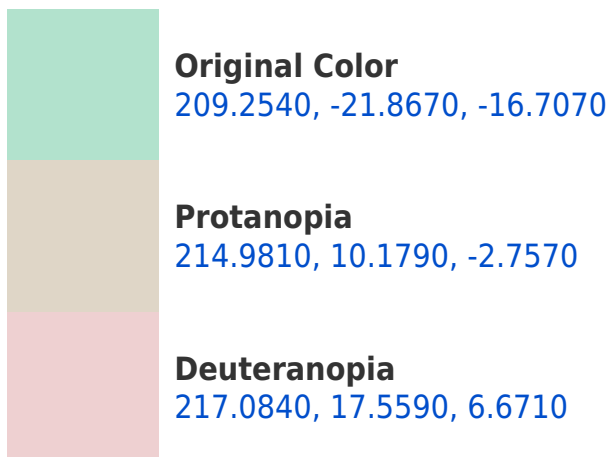
This preview shows how white text looks on a background with the YIQ color 209.2540, -21.8670, -16.7070.

-16.7070.

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

211.9890, -27.8300, -2.2460

Trichromacy



Original Color

209.2540, -21.8670, -16.7070

Protanomaly

212.7730, -1.0990, -7.6190

Deuteranomaly

214.5010, 2.8430, -1.9650

Tritanomaly

211.1970, -25.7200, -7.4480

Monochromacy



Original Color

209.2540, -21.8670, -16.7070

Achromatopsia

209.0000, 0.0000, 0.0000

Achromatomaly

209.1190, -7.8850, -5.7810

CSS Examples

Text

The CSS property to change the color of the text to YIQ 209.2540, -21.8670, -16.7070 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(178, 226, 205)` looks like.

```
.text, #text, p{  
    color:rgb(178, 226, 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(178, 226, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 226, 205) }
```

Border

The CSS property to change the border of an element to YIQ 209.2540, -21.8670, -16.7070 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(178, 226, 205) }
```


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

```
.border{ border-color:rgb(178, 226, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 226, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 226, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 226, 205);  
box-shadow:4px 4px 4px 4px rgb(178, 226,  
205) }
```

Background

The CSS property to change the background color of an element to YIQ 209.2540, -21.8670, -16.7070 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 226, 205) }
```

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

```
.background{ background-color: rgb(178,  
226, 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](#).

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