

Converting Colors

YIQ(215.8480, -14.8520,
-17.1880)

Have a look what the booklet for
YIQ(215.8480, -14.8520, -17.1880)
contains.

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Color

**YIQ(215.8480, -14.8520,
-17.1880)**

Conversions

Conversions Part 1

Format	Color
Hex	<code>BFE7CB</code>
RGB	191, 231, 203
RGB Percent	75%, 91%, 80%
CMY	0.2511, 0.0940, 0.2040
CMYK	0.17, 0.00, 0.12, 0.09
HSL	138°, 46%, 83%
HSV	138°, 17%, 91%
XYZ	60.8376, 72.5452, 67.2901
YIQ	215.8480, -14.8520, -17.1880

Conversions

Conversions Part 2

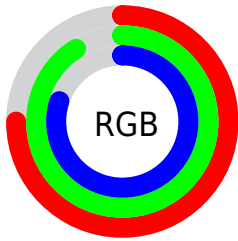
Format	Color
RYB	191, 222, 231
Decimal	12576715
CIELab	88.23, -18.36, 9.35
CIELCh	88, 20.607, 153.016
Yxy	72.5452, 0.3032, 0.3615
Android (android.graphics.Color)	4290766795 (0xFFBFE7CB)
YUV	215.8480, -6.3341, -21.7917
Hunter-Lab	85.1735, -21.5548, 12.7802

Details

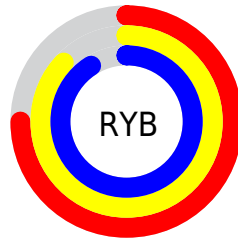
The YIQ color **215.8480, -14.8520, -17.1880** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **206.1520, 14.8520, 17.1880**, and the grayscale version is **216.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **252.9070, -4.1720, -1.4840**, and **160.6740, -14.3020, -16.1420** is the 20% darker color. If you saturate the color by 10%, you get **207.1470, -23.4240, -27.0400**, and if you desaturate by 10%, it is **224.5490, -6.2800, -7.3360**.

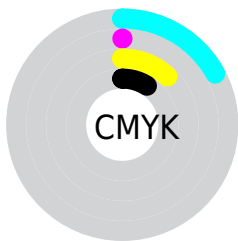
Distribution



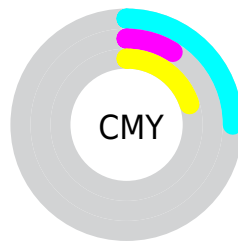
- Red (75%)
- Green (91%)
- Blue (80%)



- Red (75%)
- Yellow (87%)
- Blue (91%)



- Cyan (17%)
- Magenta (0%)
- Yellow (12%)
- Black (9%)



- Cyan (25%)
- Magenta (9%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 215.8480, -14.8520, -17.1880 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 215.8480, -14.8520, -17.1880 by changing the saturation by 10% instead.

■ 215.8480,
-14.8520, -17.1880

■ 215.8480,
-14.8520, -17.1880

■ 255.0000, -0.0000,
-0.0000

■ 188.2610,
-14.5770, -16.6650

■ 252.9070, -4.1720,
-1.4840

■ 160.6740,
-14.3020, -16.1420

■ 134.6740,
-14.3020, -16.1420

■ 109.0870,
-14.0270, -15.6190

■ 84.5000, -13.7520,
-15.0960

■ 61.0270, -13.7980,
-14.2620

■ 38.1410, -14.1190,

-13.9510

■ 18.2940, -10.1760,
-13.8240

■ 0.0000, 0.0000,
0.0000

■ 215.8480,
-14.8520, -17.1880

■ 215.8480,
-14.8520, -17.1880

■ 207.1470,
-23.4240, -27.0400

■ 224.5490, -6.2800,
-7.3360

■ 198.4460,
-31.9960, -36.8920

■ 233.2500, 2.2920,
2.5160

■ 189.6310,
-40.2470, -47.0550

■ 240.4560, 7.8840,
11.3080

■ 180.9300,
-48.8190, -56.9070

■ 240.9120, 6.6000,
12.5520

■ 171.9300,
-57.9870, -66.9710

■ 163.2290,
-66.5590, -76.8230

■ 154.5280,
-75.1310, -86.6750

■ 145.8270,
-83.7030, -96.5270

■ 143.4630,
-85.6740, -99.3540

Harmonies

Analogous

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



218.3680, 4.1750, -15.0970



215.8480, -14.8520, -17.1880



214.2190, -31.9540, -15.6180

Triad

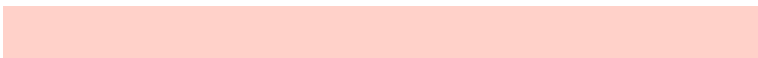
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



215.8480, -14.8520, -17.1880



219.7820, -22.5130, 6.0230



221.8420, 29.9840, 7.2640

Complementary

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



215.8480, -14.8520, -17.1880



206.1520, 14.8520, 17.1880

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.



223.4210, 24.1600, 13.6960



215.8480, -14.8520, -17.1880



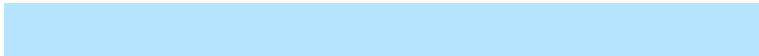
223.9200, -5.0460, 14.3620

Square

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



215.8480, -14.8520, -17.1880



216.7260, -37.2750, -1.7790



225.0810, 13.6140, 17.5980



222.2840, 31.3150, -0.3410

Rectangle

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



215.8480, -14.8520, -17.1880



214.2060, -39.1070, -12.6350



225.0810, 13.6140, 17.5980



221.9390, 28.3330, 9.6530

Sweetspot

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



215.8480, -14.8520, -17.1880



250.0870, -4.8590, -5.5550



222.8520, 5.6880, -14.9840



124.9240, -2.8420, -3.5620



0.0000, 0.0000, 0.0000



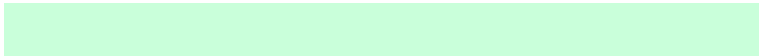
128.0000, -0.0000, -0.0000

Same Dimension

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



215.8480, -14.8520, -17.1880



234.6360, -20.3070, -22.9550



218.1280, -21.2720, -10.9680



110.5000, -4.5840, -5.0320



111.2290, -66.5590, -76.8230



31.6470, -18.8400, -22.0080

Inverse Universe

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



206.1520, 14.8520, 17.1880



221.4780, 19.9860, 23.2660



203.8720, 21.2720, 10.9680



107.5000, 4.5840, 5.0320



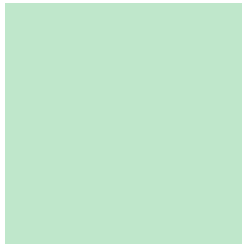
67.7710, 66.5590, 76.8230



19.3530, 18.8400, 22.0080

Previews

White Background



This preview shows how the YIQ color 215.8480, -14.8520, -17.1880 looks on a white background.

Color Contrast Check

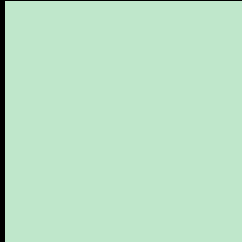
Large Text (above 18pt) WCAG AA × Fail

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 215.8480, -14.8520, -17.1880 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

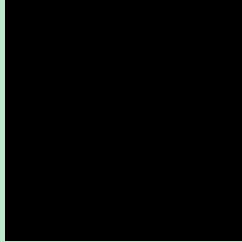
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

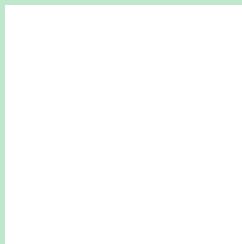
Any Text WCAG AAA ✓ Pass

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

YIQ 215.8480, -14.8520, -17.1880 Background



This preview shows how black text looks on a background with the YIQ color 215.8480, -14.8520, -17.1880.



This preview shows how white text looks on a background with the YIQ color 215.8480, -14.8520, -17.1880.

-17.1880.

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**

215.8480, -14.8520, -17.1880

Protanopia

220.3680, 13.3430, -5.0330

Deuteranopia

222.4820, 22.1900, 5.3420



Tritanopia

218.9790, -21.8700, -0.1260

Trichromacy



Original Color

215.8480, -14.8520, -17.1880

Protanomaly

218.7580, 3.2570, -9.4710

Deuteranomaly

220.4970, 8.6660, -2.8700

Tritanomaly

217.5460, -19.3930, -6.4730

Monochromacy



Original Color

215.8480, -14.8520, -17.1880

Achromatopsia

216.0000, -0.0000, 0.0000

Achromatomaly

215.6740, -5.1340, -6.0780

CSS Examples

Text

The CSS property to change the color of the text to YIQ 215.8480, -14.8520, -17.1880 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(191, 231, 203)` looks like.

```
.text, #text, p{  
    color:rgb(191, 231, 203)  
}
```

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(191, 231, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 231, 203) }
```

Border

The CSS property to change the border of an element to YIQ 215.8480, -14.8520, -17.1880 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(191, 231, 203) }
```


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

```
.border{ border-color:rgb(191, 231, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 231, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 231, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 231, 203);  
box-shadow:4px 4px 4px 4px rgb(191, 231,  
203) }
```

Background

The CSS property to change the background color of an element to YIQ 215.8480, -14.8520, -17.1880 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 231, 203) }
```

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

```
.background{ background-color: rgb(191,  
231, 203) }
```

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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