

Converting Colors

YIQ(209.2030, -8.6620,
-19.2380)

Have a look what the booklet for
YIQ(209.2030, -8.6620, -19.2380)
contains.

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Color

**YIQ(209.2030, -8.6620,
-19.2380)**

Conversions

Conversions Part 1

Format	Color
Hex	BDE0BA
RGB	189, 224, 186
RGB Percent	74%, 88%, 73%
CMY	0.2589, 0.1215, 0.2706
CMYK	0.16, 0.00, 0.17, 0.12
HSL	115°, 38%, 80%
HSV	115°, 17%, 88%
XYZ	56.5019, 67.6796, 56.5392
YIQ	209.2030, -8.6620, -19.2380

Conversions

Conversions Part 2

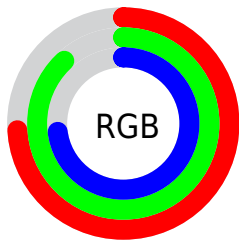
Format	Color
R _{YB}	186, 224, 221
Decimal	12443834
CIE _{Lab}	85.85, -18.58, 14.84
CIE _{LCh}	86, 23.778, 141.374
Y _{xy}	67.6796, 0.3126, 0.3745
Android (android.graphics.Color)	4290633914 (0xFFBDE0BA)
YUV	209.2030, -11.4391, -17.7180
Hunter-Lab	82.2676, -21.3735, 16.8397

Details

The YIQ color $209.2030, -8.6620, -19.2380$ is a light color, and the websafe version is hex $CCFFCC$. A complement of this color would be $200.7970, 8.6620, 19.2380$, and the grayscale version is $209.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $250.8270, -1.1910, -5.9510$, and $154.7300, -8.7080, -18.4040$ is the 20% darker color. If you saturate the color by 10%, you get $200.4160, -14.1160, -30.5320$, and if you desaturate by 10%, it is $217.9900, -3.2080, -7.9440$.

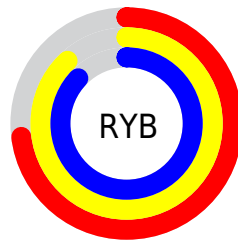
Distribution



Red (74%)

Green (88%)

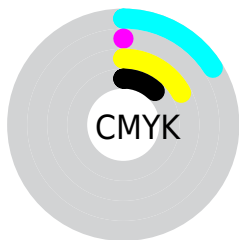
Blue (73%)



Red (73%)

Yellow (88%)

Blue (87%)

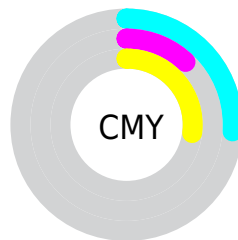


Cyan (16%)

Magenta (0%)

Yellow (17%)

Black (12%)



Cyan (26%)


Magenta (12%)


Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 209.2030, -8.6620, -19.2380 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 209.2030, -8.6620, -19.2380 by changing the saturation by 10% instead.

 209.2030, -8.6620,
-19.2380


 209.2030, -8.6620,
-19.2380

255.0000, -0.0000,
-0.0000


 181.6160, -8.3870,
-18.7150


 250.8270, -1.1910,
-5.9510


 154.7300, -8.7080,
-18.4040

 128.4420, -7.8370,
-17.6690

 103.5560, -8.1580,
-17.3580

 79.0830, -8.2040,
-16.5240

 55.6100, -8.2500,
-15.6900

 33.7240, -8.5710,

-15.3790

■ 15.2620, -7.1500,
-13.5980

■ 0.0000, 0.0000,
0.0000

■ 209.2030, -8.6620,
-19.2380

■ 209.2030, -8.6620,
-19.2380

■ 200.4160,
-14.1160, -30.5320

■ 217.9900, -3.2080,
-7.9440

■ 191.8140,
-18.6530, -41.9250

■ 226.5920, 1.3290,
3.4490

■ 183.0270,
-24.1070, -53.2190

■ 235.3790, 6.7830,
14.7430

■ 174.1260,
-29.2400, -64.8240

■ 236.8030, 8.5250,
16.2130

■ 165.6380,
-34.0980, -75.9060

■ 156.8510,
-39.5520, -87.2000

■ 147.9500,
-44.6850, -98.8050

■ 139.4620,
-49.5430, -109.8870

■ 136.8700,
-50.8720, -113.3360

Harmonies

Analogous

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



211.9730, 12.6570, -14.6310



209.2030, -8.6620, -19.2380



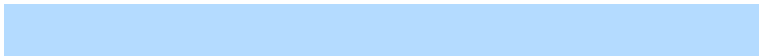
206.4810, -29.9360, -19.1520

Triad

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



209.2030, -8.6620, -19.2380



211.4430, -34.8000, 2.9280



215.7440, 33.3760, 11.8720

Complementary

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



209.2030, -8.6620, -19.2380



200.7970, 8.6620, 19.2380

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.



218.3660, 25.9930, 19.0250



209.2030, -8.6620, -19.2380



215.7170, -14.7200, 13.4720

Square

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



209.2030, -8.6620, -19.2380



207.1160, -47.3610, -6.2170



218.6120, 7.7450, 19.3370



216.5130, 38.1000, 3.3480

Rectangle

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



209.2030, -8.6620, -19.2380



205.9020, -41.3070, -16.8190



218.6120, 7.7450, 19.3370



216.6560, 30.8080, 14.3600

Sweetspot

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



209.2030, -8.6620, -19.2380



249.9300, -2.9790, -6.5870



217.9070, 13.0230, -10.2490



124.6960, -2.2000, -4.1840



0.0000, 0.0000, 0.0000



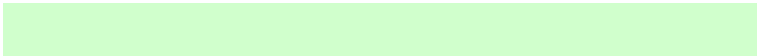
128.0000, -0.0000, -0.0000

Same Dimension

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



209.2030, -8.6620, -19.2380



235.1330, -11.6410, -25.8250



210.1300, -15.5860, -14.8980



107.7560, -2.4290, -5.5410



107.4980, -40.0560, -89.0800



29.3720, -10.8160, -24.2560

Inverse Universe

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



200.7970, 8.6620, 19.2380



223.8670, 11.6410, 25.8250



199.8700, 15.5860, 14.8980



105.2440, 2.4290, 5.5410



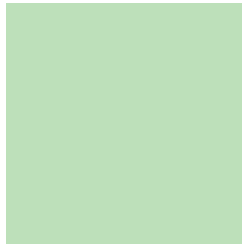
68.5020, 40.0560, 89.0800



18.9270, 11.4120, 24.4680

Previews

White Background



This preview shows how the YIQ color 209.2030, -8.6620, -19.2380 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 209.2030, -8.6620, -19.2380 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

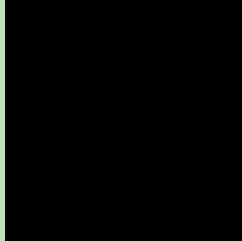
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 209.2030, -8.6620, -19.2380

Background



This preview shows how black text looks on a background with the YIQ color 209.2030, -8.6620, -19.2380.



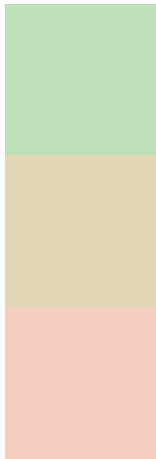
This preview shows how white text looks on a background with the YIQ color 209.2030, -8.6620,

-19.2380.

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

209.2030, -8.6620, -19.2380

Protanopia

213.8260, 17.7450, -7.7190

Deuteranopia

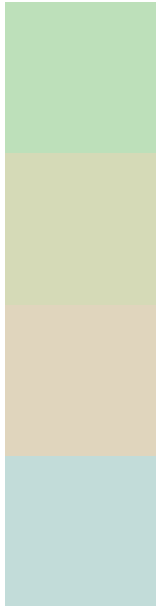
215.5380, 27.7840, 3.0800



Tritanopia

213.0720, -17.6980, 1.3580

Trichromacy



Original Color

209.2030, -8.6620, -19.2380

Protanomaly

212.5150, 8.2550, -11.9450

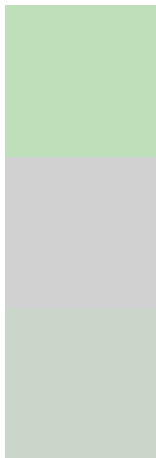
Deuteranomaly

213.5530, 14.2600, -5.1320

Tritanomaly

211.8840, -14.5330, -6.4450

Monochromacy



Original Color

209.2030, -8.6620, -19.2380

Achromatopsia

209.0000, 0.0000, 0.0000

Achromatomaly

208.9300, -2.9790, -6.5870

CSS Examples

Text

The CSS property to change the color of the text to YIQ 209.2030, -8.6620, -19.2380 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(189, 224, 186)` looks like.

```
.text, #text, p{  
    color:rgb(189, 224, 186)  
}
```

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(189, 224, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 224, 186) }
```

Border

The CSS property to change the border of an element to YIQ 209.2030, -8.6620, -19.2380 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(189, 224, 186) }
```


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

```
.border{ border-color:rgb(189, 224, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 224, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 224, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 224, 186);  
box-shadow:4px 4px 4px 4px rgb(189, 224,  
186) }
```

Background

The CSS property to change the background color of an element to YIQ 209.2030, -8.6620, -19.2380 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 224, 186) }
```

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

```
.background{ background-color: rgb(189,  
224, 186) }
```

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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