

Converting Colors

YIQ(209.1390, -19.8050,
-10.0210)

Have a look what the booklet for
YIQ(209.1390, -19.8050, -10.0210)
contains.

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Color

**YIQ(209.1390, -19.8050,
-10.0210)**

Conversions

Conversions Part 1

Format	Color
Hex	B8DDD6
RGB	184, 221, 214
RGB Percent	72%, 87%, 84%
CMY	0.2785, 0.1333, 0.1609
CMYK	0.17, 0.00, 0.03, 0.13
HSL	169°, 35%, 79%
HSV	169°, 17%, 87%
XYZ	57.7573, 66.7626, 73.4482
YIQ	209.1390, -19.8050, -10.0210

Conversions

Conversions Part 2

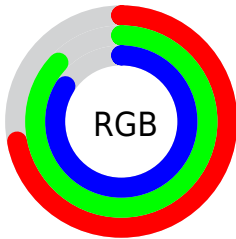
Format	Color
RYB	184, 204, 221
Decimal	12115414
CIELab	85.38, -13.49, -0.60
CIELCh	85, 13.507, 182.559
Yxy	66.7626, 0.2918, 0.3372
Android (android.graphics.Color)	4290305494 (0xFFB8DDD6)
YUV	209.1390, 2.3965, -22.0469
Hunter-Lab	81.7084, -16.8133, 3.8997

Details

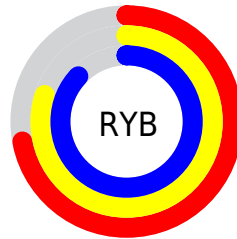
The YIQ color $209.1390, -19.8050, -10.0210$ is a light color, and the websafe version is hex $99CCCC$. A complement of this color would be $195.8610, 19.8050, 10.0210$, and the grayscale version is $209.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $250.5150, -8.9400, -3.1800$, and $154.4380, -19.2090, -9.8090$ is the 20% darker color. If you saturate the color by 10%, you get $202.1050, -31.6330, -15.9290$, and if you desaturate by 10%, it is $216.1730, -7.9770, -4.1130$.

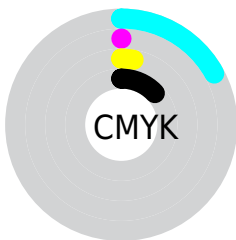
Distribution



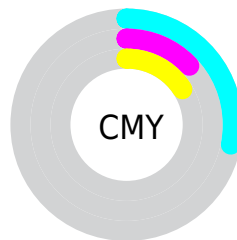
- Red (72%)
- Green (87%)
- Blue (84%)



- Red (72%)
- Yellow (80%)
- Blue (87%)



- Cyan (17%)
- Magenta (0%)
- Yellow (3%)
- Black (13%)



- Cyan (28%)
- Magenta (13%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 209.1390, -19.8050, -10.0210 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 209.1390, -19.8050, -10.0210 by changing the saturation by 10% instead.

■ 209.1390,
-19.8050, -10.0210

■ 209.1390,
-19.8050, -10.0210

■ 255.0000, -0.0000,
-0.0000

■ 181.4380,
-19.2090, -9.8090

■ 250.5150, -8.9400,
-3.1800

■ 154.4380,
-19.2090, -9.8090

■ 128.7370,
-18.6130, -9.5970

■ 103.1500,
-18.3380, -9.0740

■ 78.5630, -18.0630,
-8.5510

■ 55.5630, -18.0630,
-8.5510

■ 33.2640, -18.6590,

-8.7630

■ 16.1400, -12.3780,
-6.9540

■ 0.0000, 0.0000,
0.0000

■ 209.1390,
-19.8050, -10.0210

■ 209.1390,
-19.8050, -10.0210

■ 202.1050,
-31.6330, -15.9290

■ 216.1730, -7.9770,
-4.1130

■ 195.0710,
-43.4610, -21.8370

■ 223.2070, 3.8510,
1.7950

■ 187.9230,
-54.9680, -28.0560

■ 230.3550, 15.3580,
8.0140

■ 180.8890,
-66.7960, -33.9640

■ 232.3060, 17.0540,
10.3180

■ 173.5560,
-79.2200, -40.0840

■ 232.7620, 15.7700,
11.5620

■ 166.5220,
-91.0480, -45.9920

■ 233.2180, 14.4860,
12.8060

■ 159.4880,
-102.8760, -51.9000

■ 233.6740, 13.2020,
14.0500

■ 152.3400,
-114.3830, -58.1190

■ 234.2440, 11.5970,
15.6050

■ 150.1330,
-118.2340, -59.9140

■ 234.7000, 10.3130,
16.8490

Harmonies

Analogous

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



210.0600, -9.3970, -11.4210



209.1390, -19.8050, -10.0210



209.1370, -25.4910, -6.0910

Triad

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



209.1390, -19.8050, -10.0210



214.9430, -3.8530, 9.2590



214.4230, 20.6780, -0.2980

Complementary

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



209.1390, -19.8050, -10.0210



195.8610, 19.8050, 10.0210

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.



215.7810, 22.7860, 5.5540



209.1390, -19.8050, -10.0210



215.6410, 8.8010, 11.2090

Square

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



209.1390, -19.8050, -10.0210



212.9630, -15.7730, 5.0190



216.3770, 18.2920, 9.9080



213.1400, 13.9850, -5.6550

Rectangle

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



209.1390, -19.8050, -10.0210



210.4300, -24.7580, -2.8540



216.3770, 18.2920, 9.9080



214.4880, 22.0530, 2.3170

Sweetspot

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



209.1390, -19.8050, -10.0210



250.8850, -7.1060, -3.3780



207.8120, -6.0030, -17.8670



125.3800, -4.1260, -2.3180



0.0000, 0.0000, 0.0000



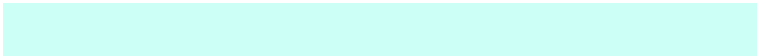
128.0000, -0.0000, -0.0000

Same Dimension

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



209.1390, -19.8050, -10.0210



238.6110, -27.1860, -13.9220



203.4800, -19.0270, -2.0910



106.4830, -5.9140, -2.9540



117.5110, -92.5150, -46.9390



31.2200, -24.5270, -12.5510

Inverse Universe

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



195.8610, 19.8050, 10.0210



220.3890, 27.1860, 13.9220



201.5200, 19.0270, 2.0910



102.5170, 5.9140, 2.9540



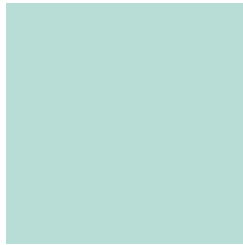
55.4890, 92.5150, 46.9390



14.7800, 24.5270, 12.5510

Previews

White Background



This preview shows how the YIQ color 209.1390, -19.8050, -10.0210 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 209.1390, -19.8050, -10.0210 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

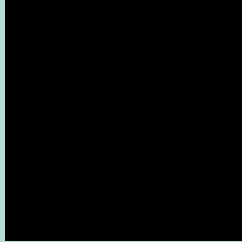
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

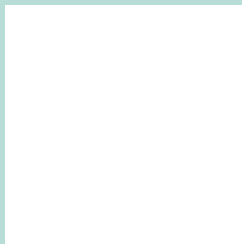
Any Text WCAG AAA ✓ Pass

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

YIQ 209.1390, -19.8050, -10.0210 Background



This preview shows how black text looks on a background with the YIQ color 209.1390, -19.8050, -10.0210.



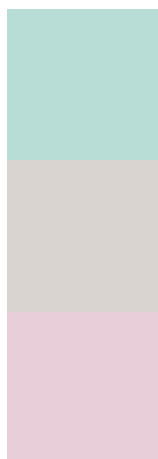
This preview shows how white text looks on a background with the YIQ color 209.1390, -19.8050, -10.0210.

-10.0210.

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

209.1390, -19.8050, -10.0210

Protanopia

213.4520, 4.5390, 0.3390

Deuteranopia

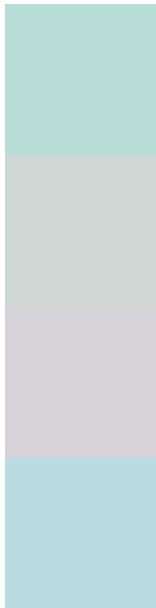
214.7290, 11.3690, 8.7210



Tritanopia

210.9680, -23.3370, -1.0730

Trichromacy



Original Color

209.1390, -19.8050, -10.0210

Protanomaly

211.8530, -4.0800, -3.1520

Deuteranomaly

212.4670, 0.1830, 2.1910

Tritanomaly

210.3440, -21.6400, -4.2960

Monochromacy



Original Color

209.1390, -19.8050, -10.0210

Achromatopsia

209.0000, 0.0000, 0.0000

Achromatomaly

208.8850, -7.1060, -3.3780

CSS Examples

Text

The CSS property to change the color of the text to YIQ 209.1390, -19.8050, -10.0210 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, 221, 214)` looks like.

```
.text, #text, p{  
    color:rgb(184, 221, 214)  
}
```

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, 221, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 221, 214) }
```

Border

The CSS property to change the border of an element to YIQ 209.1390, -19.8050, -10.0210 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, 221, 214) }
```


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

```
.border{ border-color:rgb(184, 221, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 221, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 221, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 221, 214);  
box-shadow:4px 4px 4px 4px rgb(184, 221,  
214) }
```

Background

The CSS property to change the background color of an element to YIQ 209.1390, -19.8050, -10.0210 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 221, 214) }
```

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

```
.background{ background-color: rgb(184,  
221, 214) }
```

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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