

Converting Colors

YIQ(214.8030, -18.9790,
-13.9790)

Have a look what the booklet for
YIQ(214.8030, -18.9790, -13.9790)
contains.

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Color

**YIQ(214.8030, -18.9790,
-13.9790)**

Conversions

Conversions Part 1

Format	Color
Hex	BCE5D4
RGB	188, 229, 212
RGB Percent	74%, 90%, 83%
CMY	0.2628, 0.1019, 0.1687
CMYK	0.18, 0.00, 0.07, 0.10
HSL	155°, 44%, 82%
HSV	155°, 18%, 90%
XYZ	60.6380, 71.4887, 72.8796
YIQ	214.8030, -18.9790, -13.9790

Conversions

Conversions Part 2

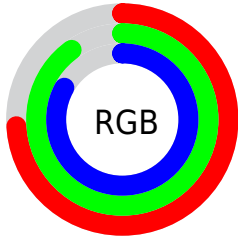
Format	Color
R _{YB}	188, 214, 229
Decimal	12379604
CIE _{Lab}	87.72, -16.64, 3.88
CIE _{LCh}	88, 17.091, 166.873
Y _{xy}	71.4887, 0.2958, 0.3487
Android (android.graphics.Color)	4290569684 (0xFFBCE5D4)
YUV	214.8030, -1.3819, -23.5062
Hunter-Lab	84.5510, -19.9482, 8.0800

Details

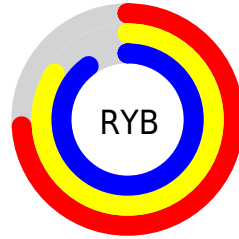
The YIQ color $214.8030, -18.9790, -13.9790$ is a light color, and the websafe version is hex $CCFFFF$. A complement of this color would be $202.1970, 18.9790, 13.9790$, and the grayscale version is $215.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $252.0100, -5.9600, -2.1200$, and $159.5150, -18.1080, -13.2440$ is the 20% darker color. If you saturate the color by 10%, you get $206.7860, -29.4770, -21.9650$, and if you desaturate by 10%, it is $222.7060, -8.1600, -6.3040$.

Distribution



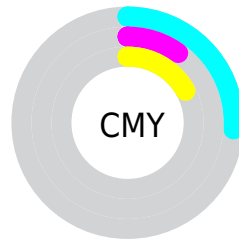
- Red (74%)
- Green (90%)
- Blue (83%)



- Red (74%)
- Yellow (84%)
- Blue (90%)



- Cyan (18%)
- Magenta (0%)
- Yellow (7%)
- Black (10%)



- Cyan (26%)
- Magenta (10%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 214.8030, -18.9790, -13.9790 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 214.8030, -18.9790, -13.9790 by changing the saturation by 10% instead.

■ 214.8030,
-18.9790, -13.9790

■ 214.8030,
-18.9790, -13.9790

255.0000, -0.0000,
-0.0000

■ 187.1020,
-18.3830, -13.7670

■ 252.0100, -5.9600,
-2.1200

■ 159.5150,
-18.1080, -13.2440

■ 133.5150,
-18.1080, -13.2440

■ 108.2270,
-17.2370, -12.5090

■ 83.6400, -16.9620,
-11.9860

■ 59.7540, -17.2830,
-11.6750

■ 36.8680, -17.6040,

-11.3640

■ 18.9610, -13.4320,
-9.8800

■ 0.0000, 0.0000,
0.0000

■ 214.8030,
-18.9790, -13.9790

■ 214.8030,
-18.9790, -13.9790

■ 206.7860,
-29.4770, -21.9650

■ 222.7060, -8.1600,
-6.3040

■ 198.8830,
-40.2960, -29.6400

■ 230.7230, 2.3380,
1.6820

■ 190.8660,
-50.7940, -37.6260

■ 238.1420, 11.6440,
9.2440

■ 182.9630,
-61.6130, -45.3010

■ 239.1680, 8.7550,
12.0430

■ 174.9460,
-72.1110, -53.2870

■ 239.7380, 7.1500,
13.5980

■ 167.3420,
-82.3340, -60.7500

■ 159.3250,
-92.8320, -68.7360

■ 151.4220,
-103.6510, -76.4110

■ 149.6990,
-105.9890, -78.0930

Harmonies

Analogous

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



216.1160, -3.8030, -13.6830



214.8030, -18.9790, -13.9790



214.0500, -29.8000, -10.6000

Triad

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



214.8030, -18.9790, -13.9790



220.5660, -12.9770, 9.4150



221.9510, 28.0590, 3.6030

Complementary

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



214.8030, -18.9790, -13.9790



202.1970, 18.9790, 13.9790

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.



222.9820, 26.7740, 10.3740



214.8030, -18.9790, -13.9790



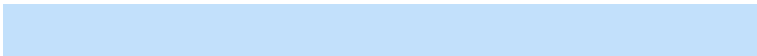
222.5850, 3.2070, 13.4710

Square

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



214.8030, -18.9790, -13.9790



218.1080, -26.5470, 2.0370



223.1260, 17.7410, 14.3890



220.0980, 22.9710, -3.3090

Rectangle

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



214.8030, -18.9790, -13.9790



214.6030, -32.7350, -6.9670



223.1260, 17.7410, 14.3890



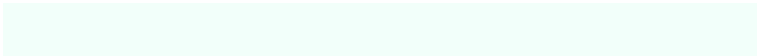
221.8310, 28.5170, 6.3170

Sweetspot

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



214.8030, -18.9790, -13.9790



250.5430, -6.1430, -4.3110



217.1500, -1.1430, -17.8390



125.1520, -3.4840, -2.9400



0.0000, 0.0000, 0.0000



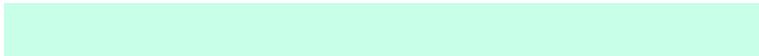
128.0000, -0.0000, -0.0000

Same Dimension

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



214.8030, -18.9790, -13.9790



235.6340, -25.9930, -19.0250



214.9800, -23.6110, -7.1230



110.8420, -5.5470, -4.0990



116.9290, -82.6090, -61.2730



33.3570, -23.6550, -17.3430

Inverse Universe

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



202.1970, 18.9790, 13.9790



218.3660, 25.9930, 19.0250



202.0200, 23.6110, 7.1230



107.1580, 5.5470, 4.0990



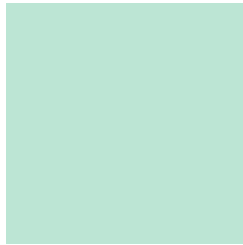
61.9570, 82.9300, 60.9620



17.6430, 23.6550, 17.3430

Previews

White Background



This preview shows how the YIQ color 214.8030, -18.9790, -13.9790 looks on a white background.

Color Contrast Check

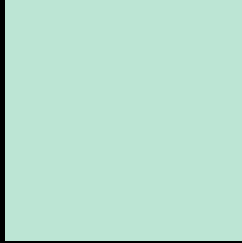
Large Text (above 18pt) WCAG AA × Fail

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 214.8030, -18.9790, -13.9790 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

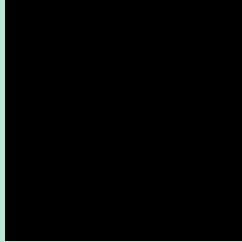
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

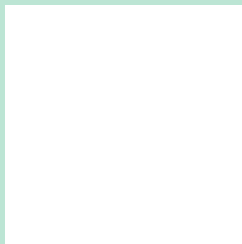
Any Text WCAG AAA ✓ Pass

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

YIQ 214.8030, -18.9790, -13.9790 Background



This preview shows how black text looks on a background with the YIQ color 214.8030, -18.9790, -13.9790.



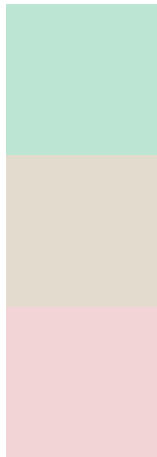
This preview shows how white text looks on a background with the YIQ color 214.8030, -18.9790, -13.9790.

-13.9790.

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

214.8030, -18.9790, -13.9790

Protanopia

219.6110, 8.3450, -2.5590

Deuteranopia

221.3120, 16.9170, 7.2930



Tritanopia

217.6690, -23.9330, -1.2850

Trichromacy



Original Color

214.8030, -18.9790, -13.9790

Protanomaly

218.0010, -1.7410, -6.9970

Deuteranomaly

218.7400, 3.6680, -0.3960

Tritanomaly

216.4040, -21.8690, -5.6530

Monochromacy



Original Color

214.8030, -18.9790, -13.9790

Achromatopsia

215.0000, -0.0000, -0.0000

Achromatomaly

214.8310, -7.0140, -5.0460

CSS Examples

Text

The CSS property to change the color of the text to YIQ 214.8030, -18.9790, -13.9790 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(188, 229, 212)` looks like.

```
.text, #text, p{  
    color:rgb(188, 229, 212)  
}
```

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(188, 229, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 229, 212) }
```

Border

The CSS property to change the border of an element to YIQ 214.8030, -18.9790, -13.9790 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(188, 229, 212) }
```


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

```
.border{ border-color:rgb(188, 229, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 229, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 229, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 229, 212);  
box-shadow:4px 4px 4px 4px rgb(188, 229,  
212) }
```

Background

The CSS property to change the background color of an element to YIQ 214.8030, -18.9790, -13.9790 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 229, 212) }
```

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

```
.background{ background-color: rgb(188,  
229, 212) }
```

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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