

Converting Colors

YIQ(215.9170, -19.3000,
-13.6680)

Have a look what the booklet for
YIQ(215.9170, -19.3000, -13.6680)
contains.

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Color

**YIQ(215.9170, -19.3000,
-13.6680)**

Conversions

Conversions Part 1

Format	Color
Hex	BDE6D6
RGB	189, 230, 214
RGB Percent	74%, 90%, 84%
CMY	0.2589, 0.0980, 0.1608
CMYK	0.18, 0.00, 0.07, 0.10
HSL	157°, 45%, 82%
HSV	157°, 18%, 90%
XYZ	61.4166, 72.2727, 74.3204
YIQ	215.9170, -19.3000, -13.6680

Conversions

Conversions Part 2

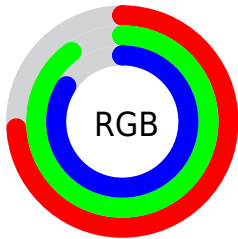
Format	Color
R _Y B	189, 214, 230
Decimal	12445398
CIE Lab	88.10, -16.44, 3.39
CIE LCh	88, 16.784, 168.355
Yxy	72.2727, 0.2953, 0.3474
Android (android.graphics.Color)	4290635478 (0xFFBDE6D6)
YUV	215.9170, -0.9451, -23.6062
Hunter-Lab	85.0134, -19.8188, 7.6768

Details

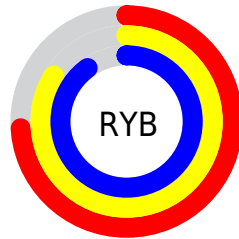
The YIQ color **215.9170, -19.3000, -13.6680** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **203.0830, 19.3000, 13.6680**, and the grayscale version is **216.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **252.3090, -5.3640, -1.9080**, and **160.6290, -18.4290, -12.9330** is the 20% darker color. If you saturate the color by 10%, you get **208.0140, -30.1190, -21.3430**, and if you desaturate by 10%, it is **223.8200, -8.4810, -5.9930**.

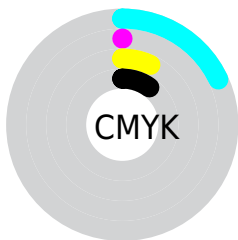
Distribution



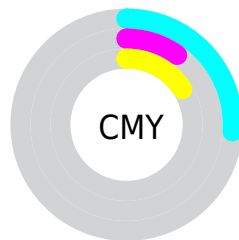
- Red (74%)
- Green (90%)
- Blue (84%)



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



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



- Cyan (26%)
- Magenta (10%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 215.9170, -19.3000, -13.6680 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 215.9170, -19.3000, -13.6680 by changing the saturation by 10% instead.

■ 215.9170,
-19.3000, -13.6680

■ 215.9170,
-19.3000, -13.6680

255.0000, -0.0000,
-0.0000

■ 188.2160,
-18.7040, -13.4560

■ 252.3090, -5.3640,
-1.9080

■ 160.6290,
-18.4290, -12.9330

■ 134.6290,
-18.4290, -12.9330

■ 109.0420,
-18.1540, -12.4100

■ 84.4550, -17.8790,
-11.8870

■ 60.8680, -17.6040,
-11.3640

■ 37.9820, -17.9250,

-11.0530

■ 19.6620, -14.0280,
-10.0920

■ 0.0000, 0.0000,
0.0000

■ 215.9170,
-19.3000, -13.6680

■ 215.9170,
-19.3000, -13.6680

■ 208.0140,
-30.1190, -21.3430

■ 223.8200, -8.4810,
-5.9930

■ 200.1110,
-40.9380, -29.0180

■ 231.7230, 2.3380,
1.6820

■ 192.2080,
-51.7570, -36.6930

■ 238.7290, 11.3690,
8.7210

■ 184.3050,
-62.5760, -44.3680

■ 239.7550, 8.4800,
11.5200

■ 176.4020,
-73.3950, -52.0430

■ 240.3250, 6.8750,
13.0750

■ 168.4990,
-84.2140, -59.7180

■ 160.5960,
-95.0330, -67.3930

■ 152.6930,
-105.8520, -75.0680

■ 150.9700,
-108.1900, -76.7500

Harmonies

Analogous

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



217.2300, -4.1240, -13.3720



215.9170, -19.3000, -13.6680



215.0500, -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.



215.9170, -19.3000, -13.6680



221.7510, -12.0600, 9.3160



222.9510, 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.



215.9170, -19.3000, -13.6680



203.0830, 19.3000, 13.6680

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.



223.6830, 26.1780, 10.1620



215.9170, -19.3000, -13.6680



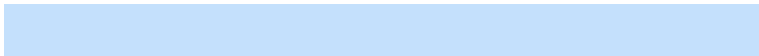
223.7700, 4.1240, 13.3720

Square

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



215.9170, -19.3000, -13.6680



218.8200, -25.6760, 2.7720



224.5990, 17.7870, 13.5550



221.3860, 22.1000, -4.0440

Rectangle

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



215.9170, -19.3000, -13.6680



215.9020, -32.1390, -6.7550



224.5990, 17.7870, 13.5550



223.4180, 28.2420, 5.7940

Sweetspot

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



215.9170, -19.3000, -13.6680



250.5430, -6.1430, -4.3110



217.8510, -1.7390, -18.0510



125.2660, -3.8050, -2.6290



0.0000, 0.0000, 0.0000



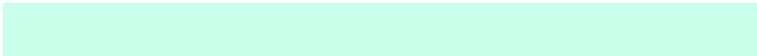
128.0000, -0.0000, -0.0000

Same Dimension

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



215.9170, -19.3000, -13.6680



236.4600, -25.4430, -17.9790



215.3930, -23.3360, -6.6000



110.8420, -5.5470, -4.0990



117.4990, -84.2140, -59.7180



33.4710, -23.9760, -17.0320

Inverse Universe

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



203.0830, 19.3000, 13.6680



219.5400, 25.4430, 17.9790



203.6070, 23.3360, 6.6000



107.1580, 5.5470, 4.0990



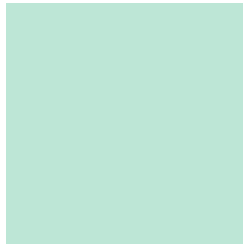
61.5010, 84.2140, 59.7180



17.5290, 23.9760, 17.0320

Previews

White Background



This preview shows how the YIQ color 215.9170, -19.3000, -13.6680 looks on a white background.

Color Contrast Check

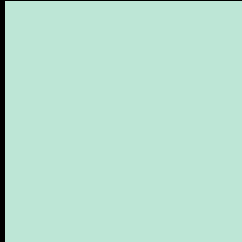
Large Text (above 18pt) WCAG AA × Fail

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 215.9170, -19.3000, -13.6680 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

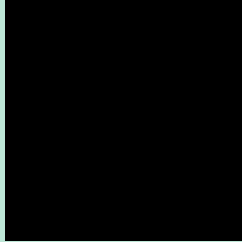
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

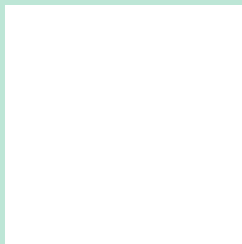
Any Text WCAG AAA ✓ Pass

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

YIQ 215.9170, -19.3000, -13.6680 Background



This preview shows how black text looks on a background with the YIQ color 215.9170, -19.3000, -13.6680.



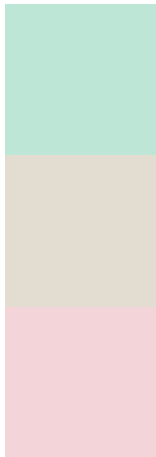
This preview shows how white text looks on a background with the YIQ color 215.9170, -19.3000, -13.6680.

-13.6680.

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

215.9170, -19.3000, -13.6680

Protanopia

220.7250, 8.0240, -2.2480

Deuteranopia

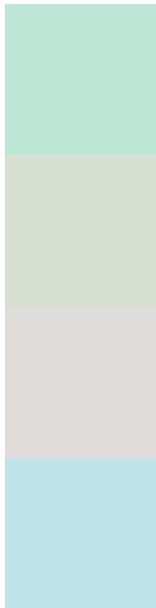
222.4260, 16.5960, 7.6040



Tritanopia

218.4840, -24.8500, -1.1860

Trichromacy



Original Color

215.9170, -19.3000, -13.6680

Protanomaly

219.1150, -2.0620, -6.6860

Deuteranomaly

219.8540, 3.3470, -0.0850

Tritanomaly

217.2190, -22.7860, -5.5540

Monochromacy



Original Color

215.9170, -19.3000, -13.6680

Achromatopsia

216.0000, -0.0000, 0.0000

Achromatomaly

215.8310, -7.0140, -5.0460

CSS Examples

Text

The CSS property to change the color of the text to YIQ 215.9170, -19.3000, -13.6680 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, 230, 214)` looks like.

```
.text, #text, p{  
    color:rgb(189, 230, 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(189, 230, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 230, 214) }
```

Border

The CSS property to change the border of an element to YIQ 215.9170, -19.3000, -13.6680 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, 230, 214) }
```


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

```
.border{ border-color:rgb(189, 230, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 230, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 230, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 230, 214);  
box-shadow:4px 4px 4px 4px rgb(189, 230,  
214) }
```

Background

The CSS property to change the background color of an element to YIQ 215.9170, -19.3000, -13.6680 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 230, 214) }
```

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

```
.background{ background-color: rgb(189,  
230, 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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