

Converting Colors

YIQ(211.5600, -13.9810,
-16.4530)

Have a look what the booklet for
YIQ(211.5600, -13.9810, -16.4530)
contains.

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Color

**YIQ(211.5600, -13.9810,
-16.4530)**

Conversions

Conversions Part 1

Format	Color
Hex	BCE2C7
RGB	188, 226, 199
RGB Percent	74%, 89%, 78%
CMY	0.2628, 0.1136, 0.2196
CMYK	0.17, 0.00, 0.12, 0.11
HSL	137°, 40%, 81%
HSV	137°, 17%, 89%
XYZ	58.2408, 69.2124, 64.3172
YIQ	211.5600, -13.9810, -16.4530

Conversions

Conversions Part 2

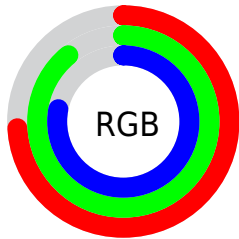
Format	Color
RYB	188, 217, 226
Decimal	12378823
CIELab	86.61, -17.60, 9.10
CIELCh	87, 19.811, 152.649
Yxy	69.2124, 0.3037, 0.3609
Android (android.graphics.Color)	4290568903 (0xFFBCE2C7)
YUV	211.5600, -6.1921, -20.6621
Hunter-Lab	83.1940, -20.6288, 12.3987

Details

The YIQ color **211.5600, -13.9810, -16.4530** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **202.4400, 13.9810, 16.4530**, and the grayscale version is **212.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **252.0100, -5.9600, -2.1200**, and **156.9730, -13.7060, -15.9300** is the 20% darker color. If you saturate the color by 10%, you get **202.8590, -22.5530, -26.3050**, and if you desaturate by 10%, it is **220.2610, -5.4090, -6.6010**.

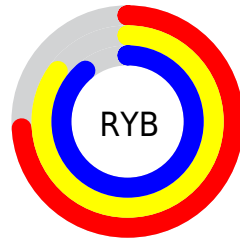
Distribution



Red (74%)

Green (89%)

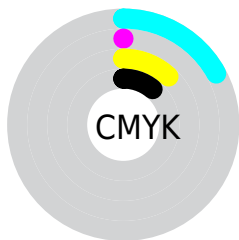
Blue (78%)



Red (74%)

Yellow (85%)

Blue (89%)

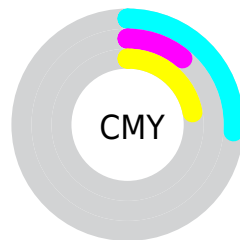


Cyan (17%)

Magenta (0%)

Yellow (12%)

Black (11%)



Cyan (26%)

Magenta (11%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 211.5600, -13.9810, -16.4530 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 211.5600, -13.9810, -16.4530 by changing the saturation by 10% instead.

■ 211.5600,
-13.9810, -16.4530

■ 211.5600,
-13.9810, -16.4530

255.0000, -0.0000,
-0.0000

■ 183.9730,
-13.7060, -15.9300

■ 251.7110, -6.5560,
-2.3320

■ 156.9730,
-13.7060, -15.9300

■ 130.6850,
-12.8350, -15.1950

■ 105.2120,
-12.8810, -14.3610

■ 80.6250, -12.6060,
-13.8380

■ 57.7390, -12.9270,
-13.5270

■ 34.9670, -13.5690,

-12.9050

■ 15.9630, -7.7460,
-13.8100

■ 0.0000, 0.0000,
0.0000

■ 211.5600,
-13.9810, -16.4530

■ 211.5600,
-13.9810, -16.4530

■ 202.8590,
-22.5530, -26.3050

■ 220.2610, -5.4090,
-6.6010

■ 194.4570,
-30.5290, -35.9450

■ 228.6630, 2.5670,
3.0390

■ 185.7560,
-39.1010, -45.7970

■ 237.0650, 10.5430,
12.6790

■ 177.3540,
-47.0770, -55.4370

■ 237.9770, 7.9750,
15.1670

■ 168.6530,
-55.6490, -65.2890

■ 159.9520,
-64.2210, -75.1410

■ 151.5500,
-72.1970, -84.7810

■ 142.8490,
-80.7690, -94.6330

■ 140.0720,
-83.0150, -97.9830

Harmonies

Analogous

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



213.8950, 4.1290, -14.2630



211.5600, -13.9810, -16.4530



210.1160, -30.1660, -14.9820

Triad

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



211.5600, -13.9810, -16.4530



216.1240, -23.4760, 6.9560



219.0380, 32.3680, 8.1120

Complementary

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



211.5600, -13.9810, -16.4530



202.4400, 13.9810, 16.4530

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.



220.6170, 26.5440, 14.5440



211.5600, -13.9810, -16.4530



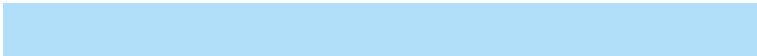
218.5070, -5.3210, 13.8390

Square

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



211.5600, -13.9810, -16.4530



212.3240, -36.0830, -1.3550



220.2550, 13.0640, 16.5520



218.0990, 30.3980, -0.2420

Rectangle

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



211.5600, -13.9810, -16.4530



210.1030, -37.3190, -11.9990



220.2550, 13.0640, 16.5520



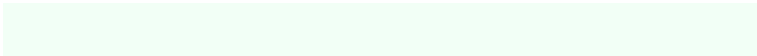
219.1350, 30.7170, 10.5010

Sweetspot

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



211.5600, -13.9810, -16.4530



250.0870, -4.8590, -5.5550



218.3790, 5.6420, -14.1500



124.9240, -2.8420, -3.5620



0.0000, 0.0000, 0.0000



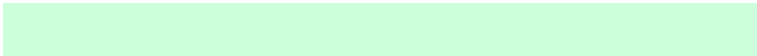
128.0000, -0.0000, -0.0000

Same Dimension

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



211.5600, -13.9810, -16.4530



235.6470, -18.8400, -22.0080



213.7260, -20.0800, -10.5440



107.7990, -3.9880, -4.8200



109.1260, -64.7710, -76.1870



29.7720, -17.6940, -20.7500

Inverse Universe

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



202.4400, 13.9810, 16.4530



223.3530, 18.8400, 22.0080



200.2740, 20.0800, 10.5440



105.2010, 3.9880, 4.8200



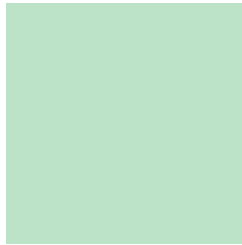
66.8740, 64.7710, 76.1870



18.2280, 17.6940, 20.7500

Previews

White Background



This preview shows how the YIQ color 211.5600, -13.9810, -16.4530 looks on a white background.

Color Contrast Check

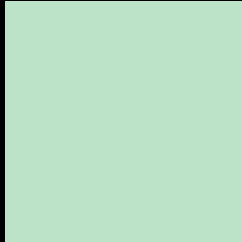
Large Text (above 18pt) WCAG AA × Fail

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 211.5600, -13.9810, -16.4530 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

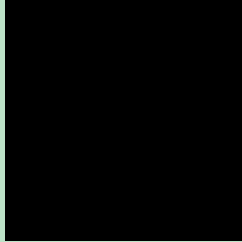
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

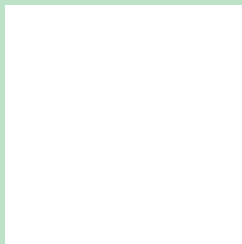
Any Text WCAG AAA ✓ Pass

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

YIQ 211.5600, -13.9810, -16.4530 Background



This preview shows how black text looks on a background with the YIQ color 211.5600, -13.9810, -16.4530.



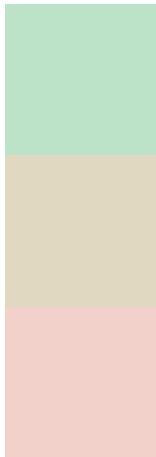
This preview shows how white text looks on a background with the YIQ color 211.5600, -13.9810, -16.4530.

-16.4530.

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

211.5600, -13.9810, -16.4530

Protanopia

216.1830, 12.4260, -4.9340

Deuteranopia

218.1830, 21.5940, 5.1300



Tritanopia

214.5770, -20.6780, 0.2980

Trichromacy



Original Color

211.5600, -13.9810, -16.4530

Protanomaly

214.8720, 2.9360, -9.1600

Deuteranomaly

215.6110, 8.3450, -2.5590

Tritanomaly

213.2580, -18.5220, -5.7380

Monochromacy



Original Color

211.5600, -13.9810, -16.4530

Achromatopsia

212.0000, -0.0000, -0.0000

Achromatomaly

211.6740, -5.1340, -6.0780

CSS Examples

Text

The CSS property to change the color of the text to YIQ 211.5600, -13.9810, -16.4530 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, 226, 199)` looks like.

```
.text, #text, p{  
    color:rgb(188, 226, 199)  
}
```

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, 226, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 226, 199) }
```

Border

The CSS property to change the border of an element to YIQ 211.5600, -13.9810, -16.4530 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, 226, 199) }
```


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

```
.border{ border-color:rgb(188, 226, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 226, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 226, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 226, 199);  
box-shadow:4px 4px 4px 4px rgb(188, 226,  
199) }
```

Background

The CSS property to change the background color of an element to YIQ 211.5600, -13.9810, -16.4530 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 226, 199) }
```

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

```
.background{ background-color: rgb(188,  
226, 199) }
```

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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