

Converting Colors

YIQ(217.8630, -19.2080,
-15.3360)

Have a look what the booklet for
YIQ(217.8630, -19.2080, -15.3360)
contains.

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Color

**YIQ(217.8630, -19.2080,
-15.3360)**

Conversions

Conversions Part 1

Format	Color
Hex	BEE9D5
RGB	190, 233, 213
RGB Percent	75%, 91%, 84%
CMY	0.2550, 0.0862, 0.1648
CMYK	0.18, 0.00, 0.09, 0.09
HSL	152°, 49%, 83%
HSV	152°, 18%, 91%
XYZ	62.3802, 74.0347, 73.9428
YIQ	217.8630, -19.2080, -15.3360

Conversions

Conversions Part 2

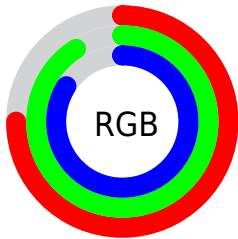
Format	Color
RYB	190, 218, 233
Decimal	12511701
CIELab	88.94, -17.81, 5.13
CIELCh	89, 18.532, 163.919
Yxy	74.0347, 0.2965, 0.3519
Android (android.graphics.Color)	4290701781 (0xFFBEE9D5)
YUV	217.8630, -2.3975, -24.4359
Hunter-Lab	86.0434, -21.1662, 9.2786

Details

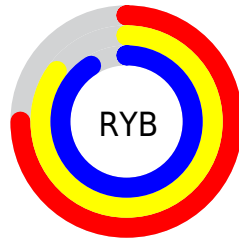
The YIQ color **217.8630, -19.2080, -15.3360** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **205.1370, 19.2080, 15.3360**, and the grayscale version is **218.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **252.6080, -4.7680, -1.6960**, and **162.5750, -18.3370, -14.6010** is the 20% darker color. If you saturate the color by 10%, you get **209.7320, -29.3850, -23.6330**, and if you desaturate by 10%, it is **225.9940, -9.0310, -7.0390**.

Distribution



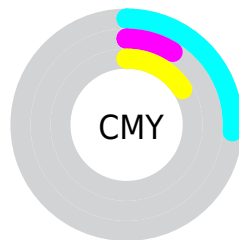
- Red (75%)
- Green (91%)
- Blue (84%)



- Red (75%)
- Yellow (85%)
- Blue (91%)



- Cyan (18%)
- Magenta (0%)
- Yellow (9%)
- Black (9%)



- Cyan (26%)
- Magenta (9%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 217.8630, -19.2080, -15.3360 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 217.8630, -19.2080, -15.3360 by changing the saturation by 10% instead.

■ 217.8630,
-19.2080, -15.3360

■ 217.8630,
-19.2080, -15.3360

■ 255.0000, -0.0000,
-0.0000

■ 190.1620,
-18.6120, -15.1240

■ 252.6080, -4.7680,
-1.6960

■ 162.5750,
-18.3370, -14.6010

■ 135.9880,
-18.0620, -14.0780

■ 110.9880,
-18.0620, -14.0780

■ 85.8140, -17.5120,
-13.0320

■ 62.2270, -17.2370,
-12.5090

■ 39.0420, -18.1540,

-12.4100

■ 20.2490, -14.3030,
-10.6150

■ 0.0000, 0.0000,
0.0000

■ 217.8630,
-19.2080, -15.3360

■ 217.8630,
-19.2080, -15.3360

■ 209.7320,
-29.3850, -23.6330

■ 225.9940, -9.0310,
-7.0390

■ 201.3020,
-40.1580, -32.1420

■ 234.4240, 1.7420,
1.4700

■ 193.1710,
-50.3350, -40.4390

■ 241.0600, 8.9390,
8.7070

■ 185.1540,
-60.8330, -48.4250

■ 242.0860, 6.0500,
11.5060

■ 176.7240,
-71.6060, -56.9340

■ 168.5930,
-81.7830, -65.2310

■ 160.4620,
-91.9600, -73.5280

■ 152.3310,
-102.1370, -81.8250

■ 151.0210,
-104.2000, -82.9840

Harmonies

Analogous

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



219.7740, -2.8400, -14.6160



217.8630, -19.2080, -15.3360



217.2130, -31.8170, -12.5930

Triad

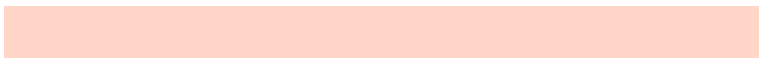
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



217.8630, -19.2080, -15.3360



223.6690, -14.7650, 8.7790



224.6630, 28.9300, 4.3380

Complementary

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



217.8630, -19.2080, -15.3360



205.1370, 19.2080, 15.3360

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.



224.7260, 24.6190, 10.8830



217.8630, -19.2080, -15.3360



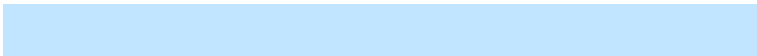
226.0410, 1.9230, 14.7150

Square

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



217.8630, -19.2080, -15.3360



220.6130, -29.5270, 0.9770



226.7670, 17.3740, 15.5340



224.0660, 25.9970, -3.0830

Rectangle

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



217.8630, -19.2080, -15.3360



217.5810, -35.6690, -8.8610



226.7670, 17.3740, 15.5340



224.5320, 27.9210, 6.1050

Sweetspot

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



217.8630, -19.2080, -15.3360



249.7170, -6.6930, -5.3570



221.2210, 0.0950, -18.2490



124.7390, -3.7590, -3.4630



0.0000, 0.0000, 0.0000



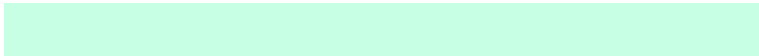
128.0000, -0.0000, -0.0000

Same Dimension

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



217.8630, -19.2080, -15.3360



235.2920, -25.0300, -19.9580



219.5560, -25.3530, -8.5930



113.1410, -4.9510, -3.8870



117.3050, -80.9120, -64.4960



35.0040, -24.1590, -19.2230

Inverse Universe

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



205.1370, 19.2080, 15.3360



218.7080, 25.0300, 19.9580



203.4440, 25.3530, 8.5930



109.8590, 4.9510, 3.8870



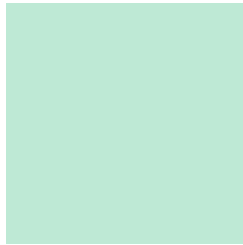
63.6950, 80.9120, 64.4960



18.9960, 24.1590, 19.2230

Previews

White Background



This preview shows how the YIQ color 217.8630, -19.2080, -15.3360 looks on a white background.

Color Contrast Check

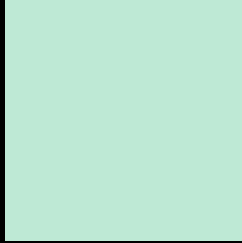
Large Text (above 18pt) WCAG AA × Fail

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 217.8630, -19.2080, -15.3360 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

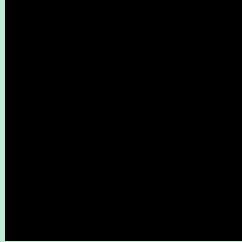
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

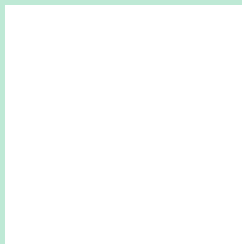
Any Text WCAG AAA ✓ Pass

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

YIQ 217.8630, -19.2080, -15.3360 Background



This preview shows how black text looks on a background with the YIQ color 217.8630, -19.2080, -15.3360.



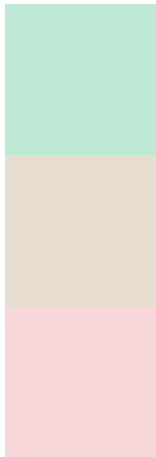
This preview shows how white text looks on a background with the YIQ color 217.8630, -19.2080, -15.3360.

-15.3360.

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

217.8630, -19.2080, -15.3360

Protanopia

222.9810, 10.1790, -2.7570

Deuteranopia

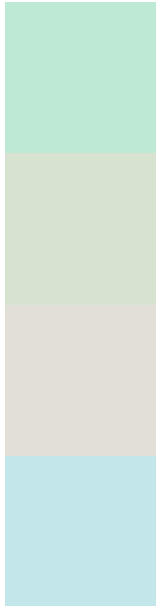
224.7960, 18.4300, 7.4060



Tritanopia

220.4840, -24.8500, -1.1860

Trichromacy



Original Color

217.8630, -19.2080, -15.3360

Protanomaly

221.0720, -0.5030, -7.4070

Deuteranomaly

222.5120, 4.3100, -1.0180

Tritanomaly

219.6920, -22.7400, -6.3880

Monochromacy



Original Color

217.8630, -19.2080, -15.3360

Achromatopsia

218.0000, -0.0000, 0.0000

Achromatomaly

217.7170, -6.6930, -5.3570

CSS Examples

Text

The CSS property to change the color of the text to YIQ 217.8630, -19.2080, -15.3360 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(190, 233, 213)` looks like.

```
.text, #text, p{  
    color:rgb(190, 233, 213)  
}
```

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(190, 233, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 233, 213) }
```

Border

The CSS property to change the border of an element to YIQ 217.8630, -19.2080, -15.3360 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(190, 233, 213) }
```


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

```
.border{ border-color:rgb(190, 233, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 233, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 233, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 233, 213);  
box-shadow:4px 4px 4px 4px rgb(190, 233,  
213) }
```

Background

The CSS property to change the background color of an element to YIQ 217.8630, -19.2080, -15.3360 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 233, 213) }
```

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

```
.background{ background-color: rgb(190,  
233, 213) }
```

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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