

Converting Colors

YIQ(213.4860, -28.3320,
-15.1800)

Have a look what the booklet for
YIQ(213.4860, -28.3320, -15.1800)
contains.

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Color

**YIQ(213.4860, -28.3320,
-15.1800)**

Conversions

Conversions Part 1

Format	Color
Hex	B1E7DB
RGB	177, 231, 219
RGB Percent	69%, 91%, 86%
CMY	0.3060, 0.0940, 0.1413
CMYK	0.23, 0.00, 0.05, 0.09
HSL	167°, 53%, 80%
HSV	167°, 23%, 91%
XYZ	59.4885, 71.6206, 77.6885
YIQ	213.4860, -28.3320, -15.1800

Conversions

Conversions Part 2

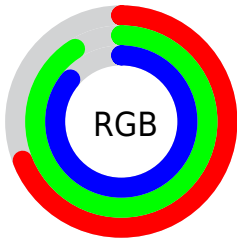
Format	Color
RYB	177, 207, 231
Decimal	11659227
CIELab	87.79, -19.66, 0.23
CIELCh	88, 19.658, 179.343
Yxy	71.6206, 0.2849, 0.3430
Android (android.graphics.Color)	4289849307 (0xFFB1E7DB)
YUV	213.4860, 2.7184, -31.9982
Hunter-Lab	84.6290, -22.6271, 4.8127

Details

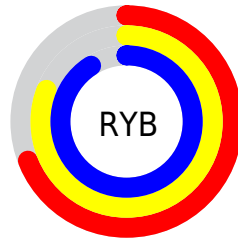
The YIQ color **213.4860, -28.3320, -15.1800** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **194.5140, 28.3320, 15.1800**, and the grayscale version is **213.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **248.7210, -12.5160, -4.4520**, and **158.1980, -27.4610, -14.4450** is the 20% darker color. If you saturate the color by 10%, you get **206.0390, -40.4350, -21.6110**, and if you desaturate by 10%, it is **220.9330, -16.2290, -8.7490**.

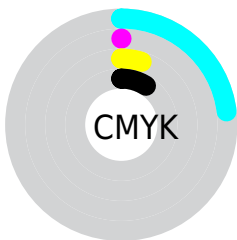
Distribution



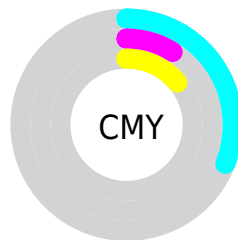
- Red (69%)
- Green (91%)
- Blue (86%)



- Red (69%)
- Yellow (81%)
- Blue (91%)



- Cyan (23%)
- Magenta (0%)
- Yellow (5%)
- Black (9%)



- Cyan (31%)
- Magenta (9%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 213.4860, -28.3320, -15.1800 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 213.4860, -28.3320, -15.1800 by changing the saturation by 10% instead.

■ 213.4860,
-28.3320, -15.1800

■ 213.4860,
-28.3320, -15.1800

■ 255.0000, -0.0000,
-0.0000

■ 185.7850,
-27.7360, -14.9680

■ 248.4220,
-13.1120, -4.6640

■ 158.1980,
-27.4610, -14.4450

■ 132.1980,
-27.4610, -14.4450

■ 106.4970,
-26.8650, -14.2330

■ 81.6110, -27.1860,
-13.9220

■ 57.1270, -28.6990,
-14.0350

■ 34.8390, -27.8280,

-13.3000

■ 20.1180, -15.3120,
-8.8480

■ 0.0000, 0.0000,
0.0000

■ 213.4860,
-28.3320, -15.1800

■ 213.4860,
-28.3320, -15.1800

■ 206.0390,
-40.4350, -21.6110

■ 220.9330,
-16.2290, -8.7490

■ 198.5920,
-52.5380, -28.0420

■ 228.3800, -4.1260,
-2.3180

■ 191.1450,
-64.6410, -34.4730

■ 235.8270, 7.9770,
4.1130

■ 183.5840,
-76.4230, -41.2150

■ 239.2020, 11.4150,
7.8870

■ 175.8380,
-89.1220, -47.8580

■ 239.7720, 9.8100,
9.4420

■ 168.3910,
-101.2250, -54.2890

■ 240.3420, 8.2050,
10.9970

■ 160.9440,
-113.3280, -60.7200

■ 240.9120, 6.6000,
12.5520

■ 156.1170,
-121.3050, -64.8330

Harmonies

Analogous

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



215.3430, -11.8720, -16.1280



213.4860, -28.3320, -15.1800



213.2710, -37.7320, -10.0200

Triad

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



213.4860, -28.3320, -15.1800



221.7240, -7.4300, 13.5140



221.6260, 30.3520, 0.5920

Complementary

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



213.4860, -28.3320, -15.1800



194.5140, 28.3320, 15.1800

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.



221.4830, 29.6170, 8.4090



213.4860, -28.3320, -15.1800



223.4720, 10.9550, 16.2270

Square

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



213.4860, -28.3320, -15.1800



218.8850, -24.3010, 5.3870



222.9480, 24.1140, 14.5300



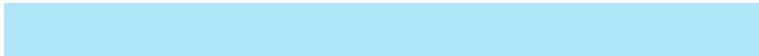
219.6800, 21.0920, -7.8040

Rectangle

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



213.4860, -28.3320, -15.1800



215.0200, -38.2830, -5.5390



222.9480, 24.1140, 14.5300



221.9900, 32.3230, 3.4190

Sweetspot

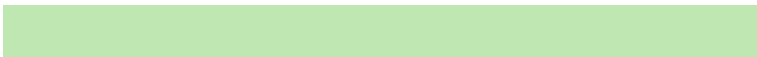
The Sweet Spot groups the original color and five complimentary colors.



213.4860, -28.3320, -15.1800



249.1620, -9.4440, -5.0600



212.5850, -7.1020, -25.4860



124.3690, -5.5930, -3.2650



0.0000, 0.0000, 0.0000



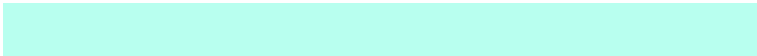
128.0000, -0.0000, -0.0000

Same Dimension

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



213.4860, -28.3320, -15.1800



231.9470, -37.1800, -20.0280



206.6360, -28.3340, -4.1260



111.0700, -6.1890, -3.4770



120.9190, -93.8440, -50.3880



34.4970, -26.8650, -14.2330

Inverse Universe

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



194.5140, 28.3320, 15.1800



207.0530, 37.1800, 20.0280



201.3640, 28.3340, 4.1260



106.9300, 6.1890, 3.4770



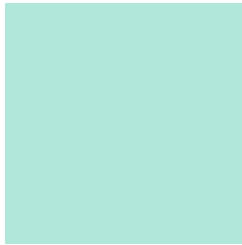
58.0810, 93.8440, 50.3880



16.5030, 26.8650, 14.2330

Previews

White Background



This preview shows how the YIQ color 213.4860, -28.3320, -15.1800 looks on a white background.

Color Contrast Check

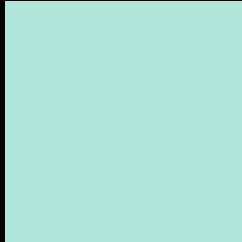
Large Text (above 18pt) WCAG AA × Fail

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 213.4860, -28.3320, -15.1800 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

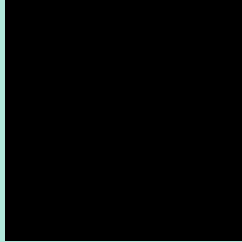
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

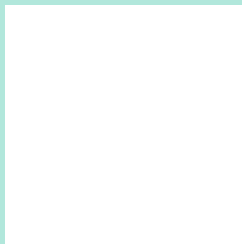
Any Text WCAG AAA ✓ Pass

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

YIQ 213.4860, -28.3320, -15.1800 Background



This preview shows how black text looks on a background with the YIQ color 213.4860, -28.3320, -15.1800.



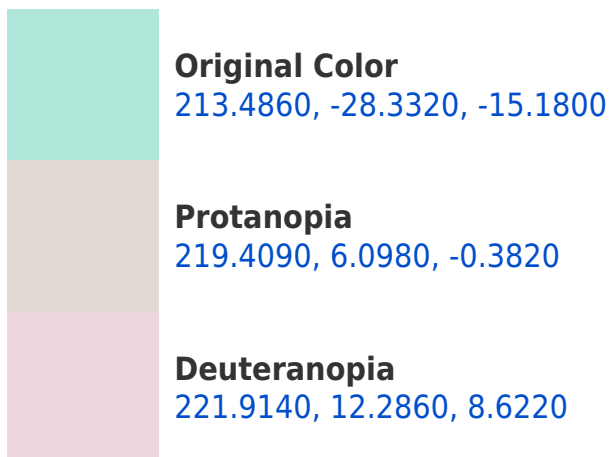
This preview shows how white text looks on a background with the YIQ color 213.4860, -28.3320, -15.1800.

-15.1800.

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





Tritanopia

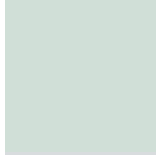
215.5970, -32.5980, -3.9420

Trichromacy



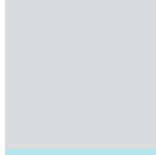
Original Color

213.4860, -28.3320, -15.1800



Protanomaly

217.6030, -6.3720, -5.6680



Deuteranomaly

219.0320, -3.0260, -0.2260



Tritanomaly

214.5600, -31.1760, -7.6880

Monochromacy



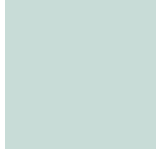
Original Color

213.4860, -28.3320, -15.1800



Achromatopsia

213.0000, -0.0000, 0.0000



Achromatomaly

213.4500, -10.3150, -5.7950

CSS Examples

Text

The CSS property to change the color of the text to YIQ 213.4860, -28.3320, -15.1800 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(177, 231, 219)` looks like.

```
.text, #text, p{  
    color:rgb(177, 231, 219)  
}
```

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(177, 231, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 231, 219) }
```

Border

The CSS property to change the border of an element to YIQ 213.4860, -28.3320, -15.1800 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(177, 231, 219) }
```


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

```
.border{ border-color:rgb(177, 231, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 231, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 231, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 231, 219);  
box-shadow:4px 4px 4px 4px rgb(177, 231,  
219) }
```

Background

The CSS property to change the background color of an element to YIQ 213.4860, -28.3320, -15.1800 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 231, 219) }
```

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

```
.background{ background-color: rgb(177,  
231, 219) }
```

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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