

Converting Colors

YIQ(216.8760, -38.4180,
-19.6180)

Have a look what the booklet for
YIQ(216.8760, -38.4180, -19.6180)
contains.

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Color

**YIQ(216.8760, -38.4180,
-19.6180)**

Conversions

Conversions Part 1

Format	Color
Hex	A8F0E2
RGB	168, 240, 226
RGB Percent	66%, 94%, 89%
CMY	0.3413, 0.0587, 0.1139
CMYK	0.30, 0.00, 0.06, 0.06
HSL	168°, 71%, 80%
HSV	168°, 30%, 94%
XYZ	61.0302, 76.1468, 83.4067
YIQ	216.8760, -38.4180, -19.6180

Conversions

Conversions Part 2

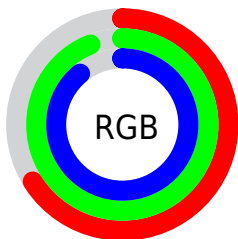
Format	Color
R_{YB}	168, 208, 240
Decimal	11071714
CIE _{Lab}	89.93, -25.22, -0.36
CIE _{LCh}	90, 25.228, 180.825
Yxy	76.1468, 0.2767, 0.3452
Android (android.graphics.Color)	4289261794 (0xFFA8F0E2)
YUV	216.8760, 4.4981, -42.8643
Hunter-Lab	87.2621, -27.8678, 4.4130

Details

The YIQ color **216.8760, -38.4180, -19.6180** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **191.1240, 38.4180, 19.6180**, and the grayscale version is **217.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **246.0300, -17.8800, -6.3600**, and **161.2890, -38.1430, -19.0950** is the 20% darker color. If you saturate the color by 10%, you get **209.1300, -51.1170, -26.2610**, and if you desaturate by 10%, it is **224.6220, -25.7190, -12.9750**.

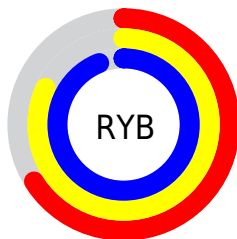
Distribution



Red (66%)

Green (94%)

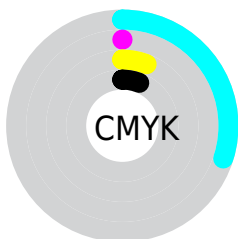
Blue (89%)



Red (66%)

Yellow (82%)

Blue (94%)

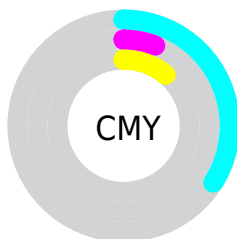


Cyan (30%)

Magenta (0%)

Yellow (6%)

Black (6%)



Cyan (34%)

Magenta (6%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 216.8760, -38.4180, -19.6180 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 216.8760, -38.4180, -19.6180 by changing the saturation by 10% instead.

216.8760,
-38.4180, -19.6180

216.8760,
-38.4180, -19.6180

255.0000, -0.0000,
-0.0000

188.8760,
-38.4180, -19.6180

246.0300,
-17.8800, -6.3600

161.2890,
-38.1430, -19.0950

254.7010, -0.5960,
-0.2120

134.5880,
-37.5470, -18.8830

107.8160,
-38.1890, -18.2610

81.6200, -40.5730,
-19.1090

55.5270, -44.7450,
-20.5930

38.9310, -31.0830,

-14.8830

■ 24.2100, -18.5670,
-10.4310

■ 0.1140, -0.3210,
0.3110

■ 216.8760,
-38.4180, -19.6180

■ 216.8760,
-38.4180, -19.6180

■ 209.1300,
-51.1170, -26.2610

■ 224.6220,
-25.7190, -12.9750

■ 201.4980,
-64.1370, -32.5930

■ 232.2540,
-12.6990, -6.6430

■ 193.7520,
-76.8360, -39.2360

■ 240.0000, -0.0000,
-0.0000

■ 186.0060,
-89.5350, -45.8790

■ 245.0550, 7.3350,
4.7350

■ 178.3740,
-102.5550, -52.2110

■ 245.5110, 6.0510,
5.9790

■ 170.6280,
-115.2540, -58.8540

■ 246.0810, 4.4460,
7.5340

■ 162.8820,
-127.9530, -65.4970

■ 246.1950, 4.1250,
7.8450

Harmonies

Analogous

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



219.5440, -17.0520, -21.3720



216.8760, -38.4180, -19.6180



216.3340, -51.2110, -13.5390

Triad

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



216.8760, -38.4180, -19.6180



227.2790, -4.6790, 13.2170



224.7140, 32.9200, -1.8960

Complementary

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



216.8760, -38.4180, -19.6180



191.1240, 38.4180, 19.6180

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.



223.2440, 28.7920, 6.8400



216.8760, -38.4180, -19.6180



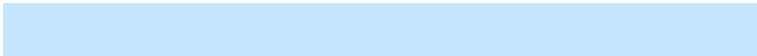
229.7760, 13.1550, 20.4110

Square

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



216.8760, -38.4180, -19.6180



222.4070, -25.9510, 2.2490



224.6920, 21.9590, 15.0390



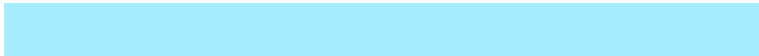
225.3230, 26.4110, -10.5890

Rectangle

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



216.8760, -38.4180, -19.6180



217.5240, -48.6900, -9.6660



224.6920, 21.9590, 15.0390



223.5230, 32.1400, 1.2280

Sweetspot

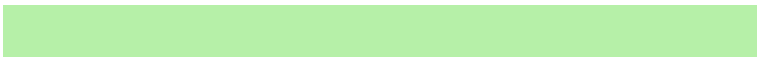
The Sweet Spot groups the original color and five complimentary colors.



216.8760, -38.4180, -19.6180



247.6670, -12.4240, -6.1200



214.4500, -11.4560, -34.6880



123.1730, -7.9770, -4.1130



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.



216.8760, -38.4180, -19.6180



225.4400, -49.0540, -25.1020



205.5580, -36.8620, -3.7580



116.1840, -6.5100, -3.1660



124.8800, -98.1080, -50.2040



38.0020, -29.8450, -15.2930

Inverse Universe

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



191.1240, 38.4180, 19.6180



192.5600, 49.0540, 25.1020



202.4420, 36.8620, 3.7580



111.8160, 6.5100, 3.1660



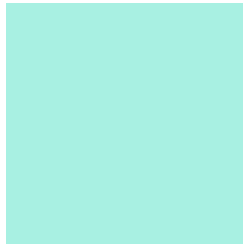
59.1200, 98.1080, 50.2040



17.9980, 29.8450, 15.2930

Previews

White Background



This preview shows how the YIQ color 216.8760, -38.4180, -19.6180 looks on a white background.

Color Contrast Check

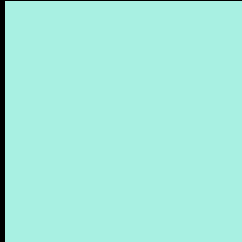
Large Text (above 18pt) WCAG AA × Fail

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 216.8760, -38.4180, -19.6180 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

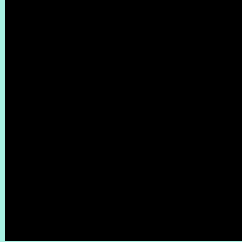
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

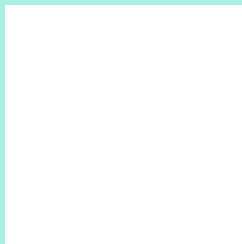
Any Text WCAG AAA ✓ Pass

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

YIQ 216.8760, -38.4180, -19.6180 Background



This preview shows how black text looks on a background with the YIQ color 216.8760, -38.4180, -19.6180.



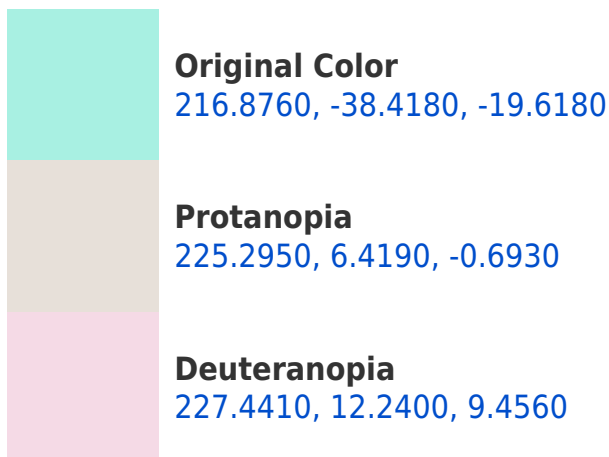
This preview shows how white text looks on a background with the YIQ color 216.8760, -38.4180, -19.6180.

-19.6180.

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

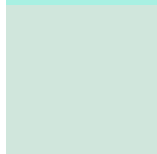
219.6280, -43.0510, -7.2350

Trichromacy



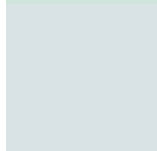
Original Color

216.8760, -38.4180, -19.6180



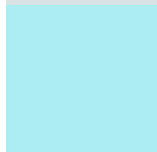
Protanomaly

222.2820, -9.9020, -7.7740



Deuteranomaly

223.6510, -6.3270, -0.9750



Tritanomaly

218.3630, -40.9870, -11.6030

Monochromacy



Original Color

216.8760, -38.4180, -19.6180



Achromatopsia

217.0000, -0.0000, 0.0000



Achromatomaly

216.6560, -13.8910, -7.0670

CSS Examples

Text

The CSS property to change the color of the text to YIQ 216.8760, -38.4180, -19.6180 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(168, 240, 226)` looks like.

```
.text, #text, p{  
    color:rgb(168, 240, 226)  
}
```

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(168, 240, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 240, 226) }
```

Border

The CSS property to change the border of an element to YIQ 216.8760, -38.4180, -19.6180 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(168, 240, 226) }
```


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

```
.border{ border-color:rgb(168, 240, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 240, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 240, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 240, 226);  
box-shadow:4px 4px 4px 4px rgb(168, 240,  
226) }
```

Background

The CSS property to change the background color of an element to YIQ 216.8760, -38.4180, -19.6180 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 240, 226) }
```

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

```
.background{ background-color: rgb(168,  
240, 226) }
```

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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