

# Converting Colors

YIQ(211.9150, -34.1540,  
-19.8020)

Have a look what the booklet for  
YIQ(211.9150, -34.1540, -19.8020)  
contains.

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# Color

**YIQ(211.9150, -34.1540,  
-19.8020)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A7EAD8
RGB	167, 234, 216
RGB Percent	65%, 92%, 85%
CMY	0.3453, 0.0822, 0.1531
CMYK	0.29, 0.00, 0.08, 0.08
HSL	164°, 62%, 79%
HSV	164°, 29%, 92%
XYZ	57.7486, 72.0287, 75.8040
YIQ	211.9150, -34.1540, -19.8020

# Conversions

## Conversions Part 2

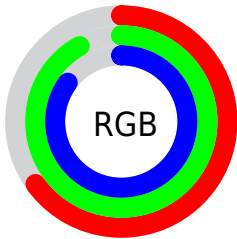
Format	Color
R <sub>YB</sub>	167, 206, 234
Decimal	11004632
CIE Lab	87.98, -24.72, 2.02
CIE LCh	88, 24.798, 175.324
Yxy	72.0287, 0.2809, 0.3504
Android (android.graphics.Color)	4289194712 (0xFFA7EAD8)
YUV	211.9150, 2.0139, -39.3905
Hunter-Lab	84.8697, -27.0636, 6.4521

# Details

The YIQ color **211.9150, -34.1540, -19.8020** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **189.0850, 34.1540, 19.8020**, and the grayscale version is **212.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **245.7310, -18.4760, -6.5720**, and **156.6270, -33.2830, -19.0670** is the 20% darker color. If you saturate the color by 10%, you get **204.3540, -45.9360, -26.5440**, and if you desaturate by 10%, it is **219.4760, -22.3720, -13.0600**.

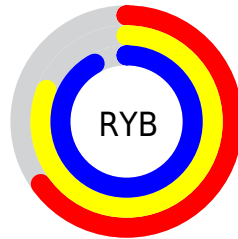
# Distribution



Red (65%)

Green (92%)

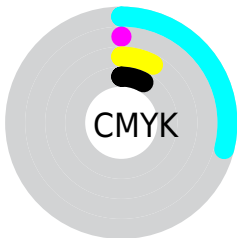
Blue (85%)



Red (65%)

Yellow (81%)

Blue (92%)

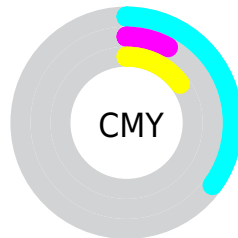


Cyan (29%)

Magenta (0%)

Yellow (8%)

Black (8%)



Cyan (35%)

Magenta (8%)

Yellow (15%)

# Brightness & Saturation Gradients

These gradients show how the YIQ color 211.9150, -34.1540, -19.8020 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 211.9150, -34.1540, -19.8020 by changing the saturation by 10% instead.



■ 211.9150,  
-34.1540, -19.8020

■ 211.9150,  
-34.1540, -19.8020

255.0000, -0.0000,  
-0.0000

■ 184.2140,  
-33.5580, -19.5900

■ 245.4320,  
-19.0720, -6.7840

■ 156.6270,  
-33.2830, -19.0670

■ 254.4020, -1.1920,  
-0.4240

■ 130.0400,  
-33.0080, -18.5440

■ 103.8550,  
-33.9250, -18.4450

■ 78.2570, -35.1170,  
-18.8690

■ 51.6800, -40.8020,  
-20.4660

■ 35.0840, -27.1400,

-14.7560

■ 21.0640, -15.2200,  
-10.5160

■ 0.0000, 0.0000,  
0.0000

■ 211.9150,  
-34.1540, -19.8020

■ 211.9150,  
-34.1540, -19.8020

■ 204.3540,  
-45.9360, -26.5440

■ 219.4760,  
-22.3720, -13.0600

■ 196.3800,  
-57.9930, -33.8090

■ 227.4500,  
-10.3150, -5.7950

■ 188.8190,  
-69.7750, -40.5510

■ 235.0110, 1.4670,  
0.9470

■ 180.9590,  
-82.1530, -47.5050

■ 241.0770, 10.2690,  
6.6290

■ 173.2840,  
-93.6140, -54.5580

■ 241.7610, 8.3430,  
8.4950

■ 165.7230,  
-105.3960, -61.3000

■ 242.5590, 6.0960,  
10.6720

■ 157.8630,  
-117.7740, -68.2540

■ 242.6730, 5.7750,  
10.9830

■ 156.8520,  
-119.2410, -69.2010

# Harmonies

## Analogous

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



214.4090, -12.2380, -20.5100



211.9150, -34.1540, -19.8020



211.3620, -48.4140, -14.6700

# Triad

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



211.9150, -34.1540, -19.8020



221.6420, -10.1350, 12.9770



220.3770, 35.4870, 1.1430

# Complementary

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



211.9150, -34.1540, -19.8020



189.0850, 34.1540, 19.8020

# 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.



219.6080, 30.7630, 9.6670



211.9150, -34.1540, -19.8020



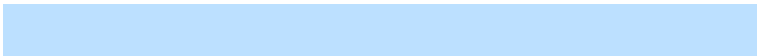
224.5200, 11.0000, 20.9200

# Square

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



211.9150, -34.1540, -19.8020



216.7700, -31.4070, 2.0090



221.6430, 23.6550, 17.3430



220.1600, 28.4280, -8.5960

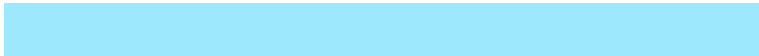


# Rectangle

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



211.9150, -34.1540, -19.8020



212.2680, -50.8450, -9.1570



221.6430, 23.6550, 17.3430



219.7730, 34.4320, 3.7440

# Sweetspot

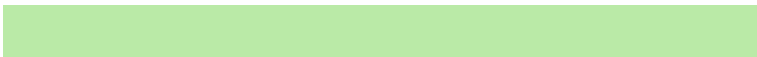
The Sweet Spot groups the original color and five complimentary colors.



211.9150, -34.1540, -19.8020



247.4390, -11.7820, -6.7420



212.0100, -7.1010, -31.0130



123.0590, -7.6560, -4.4240



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

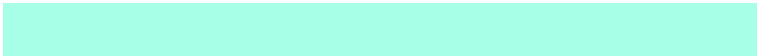


# Same Dimension

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



211.9150, -34.1540, -19.8020



226.3650, -44.4690, -25.5970



205.7490, -36.0820, -6.8820



113.3690, -5.5930, -3.2650



121.2950, -92.1470, -53.6110



36.1440, -27.3690, -16.1130



# Inverse Universe

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



189.0850, 34.1540, 19.8020



196.7490, 44.1480, 25.9080



195.2510, 36.0820, 6.8820



109.6310, 5.5930, 3.2650



59.7050, 92.1470, 53.6110

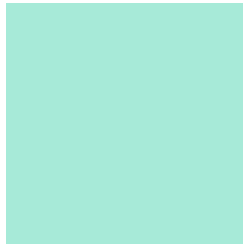


17.7420, 27.6900, 15.8020



# Previews

## White Background



This preview shows how the YIQ color 211.9150, -34.1540, -19.8020 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

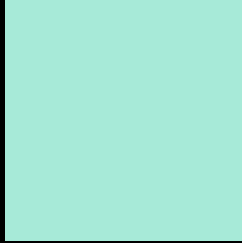
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YIQ color 211.9150, -34.1540, -19.8020 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

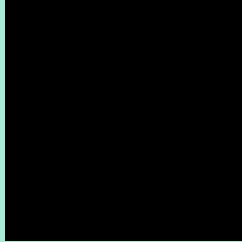
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

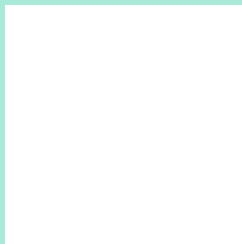
Any Text WCAG AAA ✓ Pass

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

# YIQ 211.9150, -34.1540, -19.8020 Background



This preview shows how black text looks on a background with the YIQ color 211.9150, -34.1540, -19.8020.



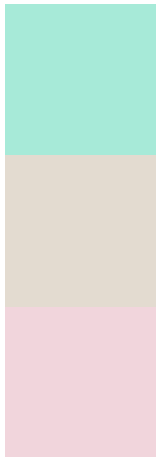
This preview shows how white text looks on a background with the YIQ color 211.9150, -34.1540, -19.8020.

-19.8020.

# 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

211.9150, -34.1540, -19.8020

### Protanopia

220.1380, 8.2990, -1.7250

### Deuteranopia

222.1700, 14.4410, 8.1130



## Tritanopia

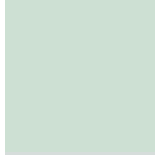
214.7210, -38.8790, -5.7510

# Trichromacy



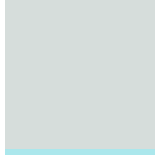
## Original Color

211.9150, -34.1540, -19.8020



## Protanomaly

216.8370, -7.1510, -8.0710



## Deuteranomaly

218.6790, -3.5300, -2.1060



## Tritanomaly

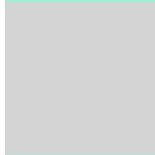
213.6300, -37.3650, -11.1650

# Monochromacy



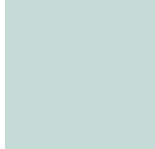
## Original Color

211.9150, -34.1540, -19.8020



## Achromatopsia

212.0000, -0.0000, -0.0000



## Achromatomaly

212.0260, -12.0570, -7.2650

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 211.9150, -34.1540, -19.8020 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(167, 234, 216)` looks like.

```
.text, #text, p{  
    color:rgb(167, 234, 216)  
}
```

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(167, 234, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 234, 216) }
```

## Border

The CSS property to change the border of an element to YIQ 211.9150, -34.1540, -19.8020 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(167, 234, 216) }
```



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

```
.border{ border-color:rgb(167, 234, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 234, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 234, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 234, 216);  
box-shadow:4px 4px 4px 4px rgb(167, 234,  
216) }
```

# Background

The CSS property to change the background color of an element to YIQ 211.9150, -34.1540, -19.8020 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 234, 216) }
```

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

```
.background{ background-color: rgb(167,  
234, 216) }
```

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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