

Converting Colors

YIQ(223.9550, -31.6310,
-26.9830)

Have a look what the booklet for
YIQ(223.9550, -31.6310, -26.9830)
contains.

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Color

**YIQ(223.9550, -31.6310,
-26.9830)**

Conversions

Conversions Part 1

Format	Color
Hex	B1FAD5
RGB	177, 250, 213
RGB Percent	69%, 98%, 84%
CMY	0.3061, 0.0195, 0.1648
CMYK	0.29, 0.00, 0.15, 0.02
HSL	150°, 88%, 84%
HSV	150°, 29%, 98%
XYZ	64.3223, 82.5343, 75.4749
YIQ	223.9550, -31.6310, -26.9830

Conversions

Conversions Part 2

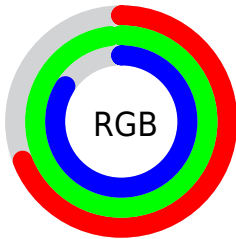
Format	Color
RYB	177, 226, 250
Decimal	11664085
CIELab	92.81, -30.03, 10.60
CIELCh	93, 31.846, 160.554
Yxy	82.5343, 0.2893, 0.3712
Android (android.graphics.Color)	4289854165 (0xFFB1FAD5)
YUV	223.9550, -5.4008, -41.1795
Hunter-Lab	90.8484, -32.6035, 14.3370

Details

The YIQ color **223.9550, -31.6310, -26.9830** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **203.0450, 31.6310, 26.9830**, and the grayscale version is **224.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **248.7210, -12.5160, -4.4520**, and **167.7810, -31.0810, -25.9370** is the 20% darker color. If you saturate the color by 10%, you get **214.9980, -42.3580, -36.3260**, and if you desaturate by 10%, it is **232.9120, -20.9040, -17.6400**.

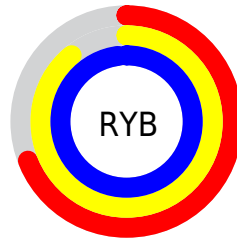
Distribution



Red (69%)

Green (98%)

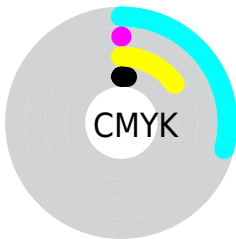
Blue (84%)



Red (69%)

Yellow (89%)

Blue (98%)

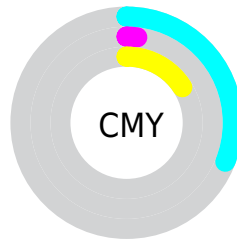


Cyan (29%)

Magenta (0%)

Yellow (15%)

Black (2%)



Cyan (31%)


Magenta (2%)


Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 223.9550, -31.6310, -26.9830 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 223.9550, -31.6310, -26.9830 by changing the saturation by 10% instead.


 223.9550,
-31.6310, -26.9830


 223.9550,
-31.6310, -26.9830


255.0000, -0.0000,
-0.0000

 195.3680,
-31.3560, -26.4600


 248.7210,
-12.5160, -4.4520

 167.7810,
-31.0810, -25.9370

 141.1940,
-30.8060, -25.4140

 114.4220,
-31.4480, -24.7920

 88.6500, -32.0900,
-24.1700

 62.0730, -37.7750,
-25.7670

 42.4870, -30.0730,

-22.1770

■ 26.5920, -17.0070,
-16.6790

■ 10.5660, -4.9500,
-9.4140

■ 223.9550,
-31.6310, -26.9830

■ 223.9550,
-31.6310, -26.9830

■ 214.9980,
-42.3580, -36.3260

■ 232.9120,
-20.9040, -17.6400

■ 206.1550,
-53.4060, -45.3580

■ 241.7550, -9.8560,
-8.6080

■ 197.1980,
-64.1330, -54.7010

■ 250.7120, 0.8710,
0.7350

■ 188.2410,
-74.8600, -64.0440

■ 252.0650, 1.3750,
2.6150

■ 179.3980,
-85.9080, -73.0760

■ 170.4410,
-96.6350, -82.4190

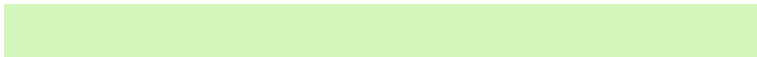
■ 161.4840,
-107.3620, -91.7620

■ 160.7720,
-108.2330, -92.4970

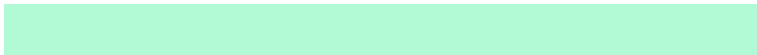
Harmonies

Analogous

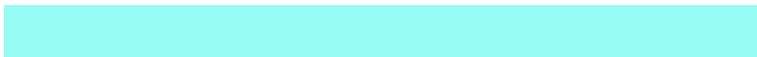
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



228.5210, -1.0500, -25.0340



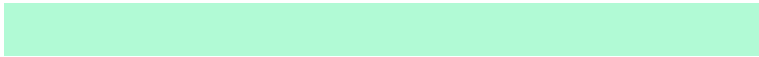
223.9550, -31.6310, -26.9830



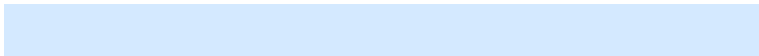
220.5900, -58.2240, -24.1120

Triad

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



223.9550, -31.6310, -26.9830



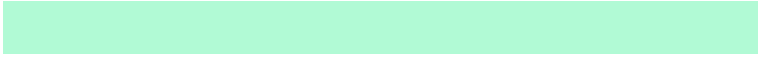
229.2290, -19.5780, 2.3900



225.9680, 29.3890, 1.5250

Complementary

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



223.9550, -31.6310, -26.9830



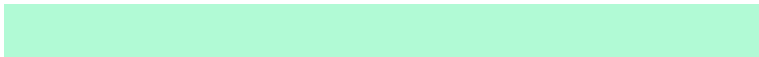
203.0450, 31.6310, 26.9830

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.



226.2250, 21.7760, 12.8480



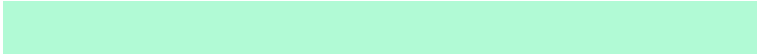
223.9550, -31.6310, -26.9830



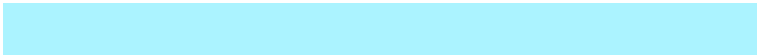
235.6180, 7.6080, 16.3120

Square

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



223.9550, -31.6310, -26.9830



222.8400, -46.7640, -11.5320



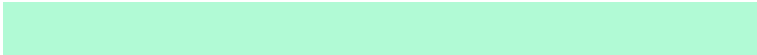
231.5200, 11.0000, 20.9200



229.0850, 33.0130, -9.0910

Rectangle

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



223.9550, -31.6310, -26.9830



219.4630, -65.0560, -21.4400



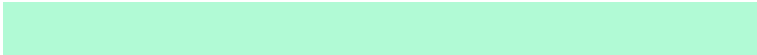
231.5200, 11.0000, 20.9200



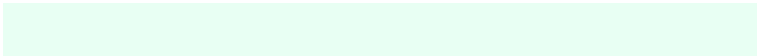
225.2330, 27.3250, 5.8930

Sweetspot

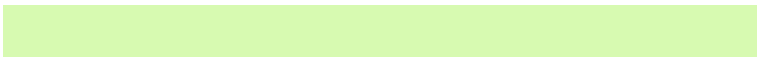
The Sweet Spot groups the original color and five complimentary colors.



223.9550, -31.6310, -26.9830



246.7550, -9.8560, -8.6080



231.2130, 2.5730, -30.1230



122.6030, -6.3720, -5.6680



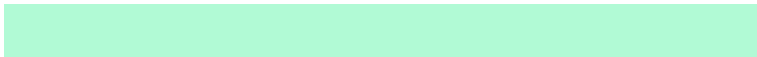
0.0000, 0.0000, 0.0000



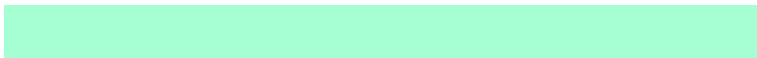
128.0000, -0.0000, -0.0000

Same Dimension

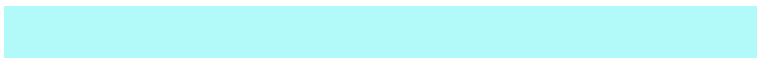
The Same Dimension uses a secret algorithm to generate beautiful new colors.



223.9550, -31.6310, -26.9830



223.2590, -38.5990, -32.8630



228.0590, -43.1870, -15.7870



120.4290, -5.8220, -4.6220



121.5450, -81.8280, -69.9240



39.2270, -26.4050, -22.5730

Inverse Universe

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



203.0450, 31.6310, 26.9830



197.7410, 38.5990, 32.8630



198.9410, 43.1870, 15.7870



116.6850, 5.5010, 4.9330



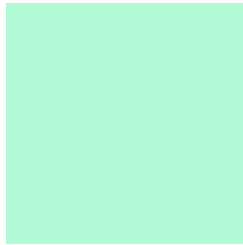
67.4550, 81.8280, 69.9240



21.7730, 26.4050, 22.5730

Previews

White Background



This preview shows how the YIQ color 223.9550, -31.6310, -26.9830 looks on a white background.

Color Contrast Check

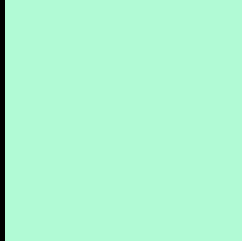
Large Text (above 18pt) WCAG AA × Fail

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 223.9550, -31.6310, -26.9830 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

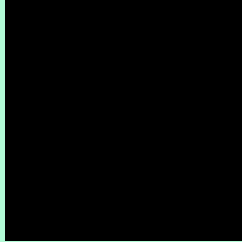
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

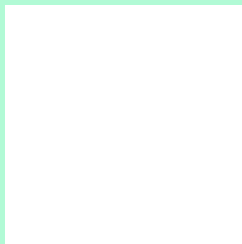
Any Text WCAG AAA ✓ Pass

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

YIQ 223.9550, -31.6310, -26.9830 Background



This preview shows how black text looks on a background with the YIQ color 223.9550, -31.6310, -26.9830.



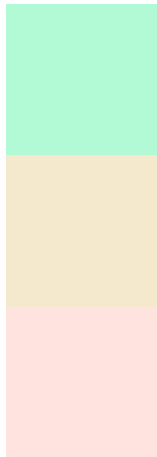
This preview shows how white text looks on a background with the YIQ color 223.9550, -31.6310, -26.9830.

-26.9830.

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**

223.9550, -31.6310, -26.9830

Protanopia

232.9830, 15.8650, -6.6870

Deuteranopia

234.8020, 18.2930, 4.3810



Tritanopia

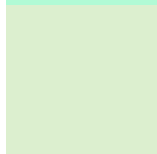
230.0490, -28.0590, -3.6030

Trichromacy



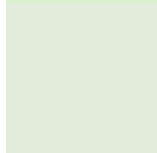
Original Color

223.9550, -31.6310, -26.9830



Protanomaly

229.6710, -1.0520, -13.9800



Deuteranomaly

230.7840, 0.3680, -6.6720



Tritanomaly

227.9960, -29.7080, -12.2680

Monochromacy



Original Color

223.9550, -31.6310, -26.9830



Achromatopsia

224.0000, -0.0000, 0.0000



Achromatomaly

223.7440, -11.3230, -9.5550

CSS Examples

Text

The CSS property to change the color of the text to YIQ 223.9550, -31.6310, -26.9830 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, 250, 213)` looks like.

```
.text, #text, p{  
    color:rgb(177, 250, 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(177, 250, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 250, 213) }
```

Border

The CSS property to change the border of an element to YIQ 223.9550, -31.6310, -26.9830 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, 250, 213) }
```


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

```
.border{ border-color:rgb(177, 250, 213) }
```

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

Here you see how a box with a 4 pixel rgb(177, 250, 213) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 250, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 250, 213);  
box-shadow:4px 4px 4px 4px rgb(177, 250,  
213) }
```

Background

The CSS property to change the background color of an element to YIQ 223.9550, -31.6310, -26.9830 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 250, 213) }
```

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

```
.background{ background-color: rgb(177,  
250, 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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