

Converting Colors

YIQ(216.5350, -22.0010,
-36.3130)

Have a look what the booklet for
YIQ(216.5350, -22.0010, -36.3130)
contains.

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Color

**YIQ(216.5350, -22.0010,
-36.3130)**

Conversions

Conversions Part 1

Format	Color
Hex	ADF6B3
RGB	173, 246, 179
RGB Percent	68%, 96%, 70%
CMY	0.3218, 0.0352, 0.2981
CMYK	0.30, 0.00, 0.27, 0.04
HSL	125°, 80%, 82%
HSV	125°, 30%, 96%
XYZ	58.3223, 78.0624, 54.6367
YIQ	216.5350, -22.0010, -36.3130

Conversions

Conversions Part 2

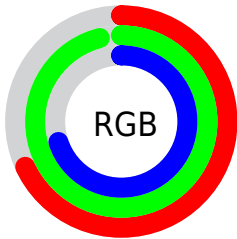
Format	Color
R _{YB}	173, 240, 246
Decimal	11400883
CIE _{Lab}	90.81, -35.50, 25.22
CIE _{LCh}	91, 43.547, 144.605
Y _{xy}	78.0624, 0.3053, 0.4087
Android (android.graphics.Color)	4289590963 (0xFFADF6B3)
YUV	216.5350, -18.5048, -38.1802
Hunter-Lab	88.3529, -36.7888, 25.1826

Details

The YIQ color **216.5350, -22.0010, -36.3130** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **202.4650, 22.0010, 36.3130**, and the grayscale version is **217.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **245.2450, -8.4800, -11.5200**, and **160.5890, -22.0930, -34.6450** is the 20% darker color. If you saturate the color by 10%, you get **206.4380, -29.5180, -48.7660**, and if you desaturate by 10%, it is **226.6320, -14.4840, -23.8600**.

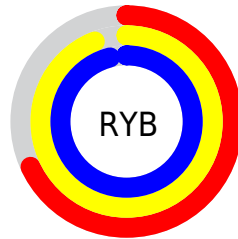
Distribution



Red (68%)

Green (96%)

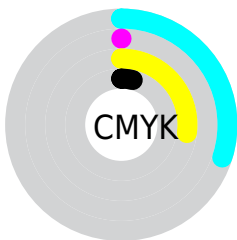
Blue (70%)



Red (68%)

Yellow (94%)

Blue (96%)

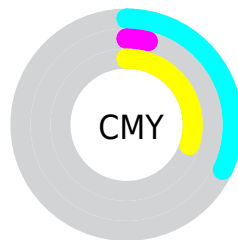


Cyan (30%)

Magenta (0%)

Yellow (27%)

Black (4%)



Cyan (32%)

Magenta (4%)

Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 216.5350, -22.0010, -36.3130 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 216.5350, -22.0010, -36.3130 by changing the saturation by 10% instead.

■ 216.5350,
-22.0010, -36.3130

■ 216.5350,
-22.0010, -36.3130

255.0000, -0.0000,
-0.0000

■ 188.0620,
-22.0470, -35.4790

■ 245.2450, -8.4800,
-11.5200

■ 160.5890,
-22.0930, -34.6450

■ 134.1160,
-22.1390, -33.8110

■ 107.3440,
-22.7810, -33.1890

■ 81.9740, -24.6150,
-32.9910

■ 53.9130, -31.8130,
-34.7010

■ 36.6050, -19.0220,

-29.7260

■ 22.8930, -10.7250,
-20.3970

■ 3.5220, -1.6500,
-3.1380

■ 216.5350,
-22.0010, -36.3130

■ 216.5350,
-22.0010, -36.3130

■ 206.4380,
-29.5180, -48.7660

■ 226.6320,
-14.4840, -23.8600

■ 196.7540,
-36.7600, -60.6960

■ 236.3160, -7.2420,
-11.9300

■ 186.6570,
-44.2770, -73.1490

■ 246.4130, 0.2750,
0.5230

■ 176.9730,
-51.5190, -85.0790

■ 249.7170, 2.4750,
4.7070

■ 166.8760,
-59.0360, -97.5320

■ 156.8930,
-66.8740, -109.6740

■ 147.0950,
-73.7950, -121.9150

■ 146.6820,
-74.0700, -122.4380

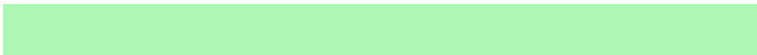
Harmonies

Analogous

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



222.5260, 17.7490, -29.8270



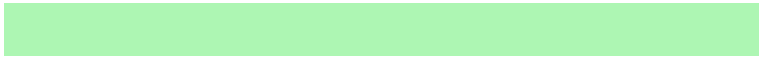
216.5350, -22.0010, -36.3130



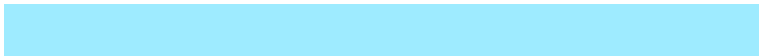
208.4820, -67.2080, -37.5120

Triad

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



216.5350, -22.0010, -36.3130



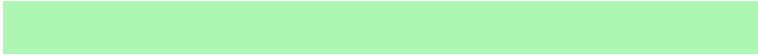
214.2570, -52.3120, -10.1040



215.4020, 34.3390, 10.9390

Complementary

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



216.5350, -22.0010, -36.3130



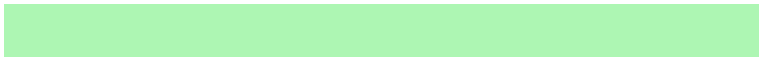
202.4650, 22.0010, 36.3130

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.



219.0160, 21.4070, 25.0470



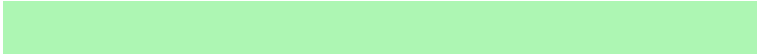
216.5350, -22.0010, -36.3130



225.4740, -9.7220, 10.9980

Square

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



216.5350, -22.0010, -36.3130



200.9910, -93.2060, -28.9020



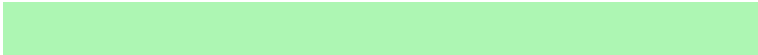
226.2370, 13.4750, 25.6270



217.3960, 42.5030, -4.8650

Rectangle

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



216.5350, -22.0010, -36.3130



201.9210, -96.1850, -35.4890



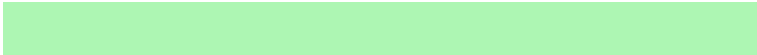
226.2370, 13.4750, 25.6270



215.8240, 30.3950, 16.3390

Sweetspot

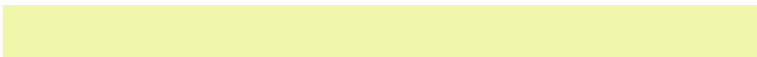
The Sweet Spot groups the original color and five complimentary colors.



216.5350, -22.0010, -36.3130



245.7290, -6.9670, -11.4070



236.1830, 20.4530, -23.7630



122.0330, -4.7670, -7.2230



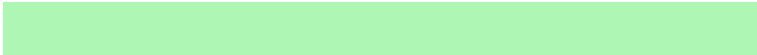
0.0000, 0.0000, 0.0000



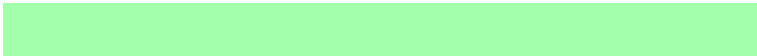
128.0000, -0.0000, -0.0000

Same Dimension

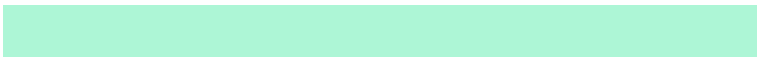
The Same Dimension uses a secret algorithm to generate beautiful new colors.



216.5350, -22.0010, -36.3130



217.9160, -27.8680, -45.6280



220.5250, -33.2360, -25.4280



117.1580, -3.6210, -5.9650



110.8920, -55.9650, -92.6130



35.2030, -17.8300, -29.3020

Inverse Universe

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



202.4650, 22.0010, 36.3130



200.0840, 27.8680, 45.6280



198.4750, 33.2360, 25.4280



114.8420, 3.6210, 5.9650



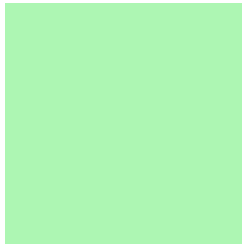
75.1080, 55.9650, 92.6130



23.7970, 17.8300, 29.3020

Previews

White Background



This preview shows how the YIQ color 216.5350, -22.0010, -36.3130 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 216.5350, -22.0010, -36.3130 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

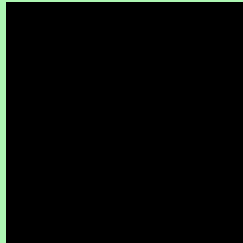
Any Text WCAG AA ✓ Pass

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 216.5350, -22.0010, -36.3130 Background



This preview shows how black text looks on a background with the YIQ color 216.5350, -22.0010, -36.3130.



This preview shows how white text looks on a background with the YIQ color 216.5350, -22.0010, -36.3130.

-36.3130.

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

216.5350, -22.0010, -36.3130

Protanopia

225.6990, 28.1080, -13.8120

Deuteranopia

228.5440, 27.6470, 0.0550



Tritanopia

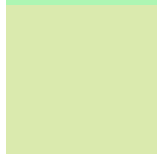
223.5150, -35.3030, -4.4790

Trichromacy



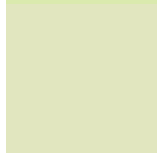
Original Color

216.5350, -22.0010, -36.3130



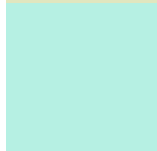
Protanomaly

222.3760, 9.7240, -22.0520



Deuteranomaly

224.0590, 9.5390, -13.1890



Tritanomaly

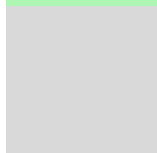
221.1760, -30.3950, -16.3390

Monochromacy



Original Color

216.5350, -22.0010, -36.3130



Achromatopsia

217.0000, -0.0000, 0.0000



Achromatomaly

217.0770, -8.0670, -13.4990

CSS Examples

Text

The CSS property to change the color of the text to YIQ 216.5350, -22.0010, -36.3130 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(173, 246, 179)` looks like.

```
.text, #text, p{  
    color:rgb(173, 246, 179)  
}
```

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(173, 246, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 246, 179) }
```

Border

The CSS property to change the border of an element to YIQ 216.5350, -22.0010, -36.3130 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(173, 246, 179) }
```


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

```
.border{ border-color:rgb(173, 246, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 246, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 246, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 246, 179);  
box-shadow:4px 4px 4px 4px rgb(173, 246,  
179) }
```

Background

The CSS property to change the background color of an element to YIQ 216.5350, -22.0010, -36.3130 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 246, 179) }
```

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

```
.background{ background-color: rgb(173,  
246, 179) }
```

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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