

Converting Colors

YIQ(223.5110, -30.6210,
-34.2770)

Have a look what the booklet for
YIQ(223.5110, -30.6210, -34.2770)
contains.

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Color

**YIQ(223.5110, -30.6210,
-34.2770)**

Conversions

Conversions Part 1

Format	Color
Hex	ADFEC7
RGB	173, 254, 199
RGB Percent	68%, 100%, 78%
CMY	0.3218, 0.0038, 0.2197
CMYK	0.32, 0.00, 0.22, 0.00
HSL	139°, 98%, 84%
HSV	139°, 32%, 100%
XYZ	62.9798, 83.9054, 66.8965
YIQ	223.5110, -30.6210, -34.2770

Conversions

Conversions Part 2

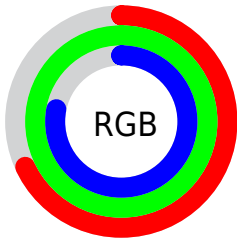
Format	Color
R _{YB}	173, 234, 254
Decimal	11402951
CIE _{Lab}	93.41, -35.69, 18.61
CIE _{LCh}	93, 40.250, 152.456
Yxy	83.9054, 0.2946, 0.3925
Android (android.graphics.Color)	4289593031 (0xFFADFE _{C7})
YUV	223.5110, -12.0839, -44.2981
Hunter-Lab	91.5999, -37.5715, 20.8197

Details

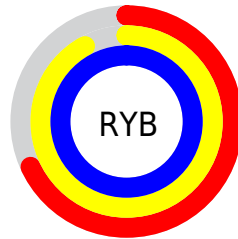
The YIQ color **223.5110, -30.6210, -34.2770** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **203.4890, 30.6210, 34.2770**, and the grayscale version is **224.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **247.5250, -14.9000, -5.3000**, and **167.4510, -30.3920, -32.9200** is the 20% darker color. If you saturate the color by 10%, you get **214.0980, -40.0640, -44.8640**, and if you desaturate by 10%, it is **232.9240, -21.1780, -23.6900**.

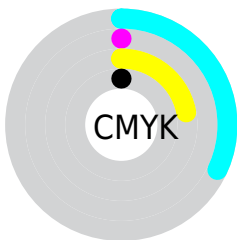
Distribution



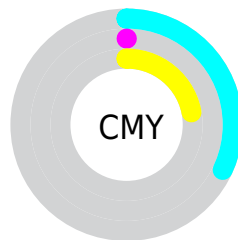
- Red (68%)
- Green (100%)
- Blue (78%)



- Red (68%)
- Yellow (92%)
- Blue (100%)



- Cyan (32%)
- Magenta (0%)
- Yellow (22%)
- Black (0%)





- Cyan (32%)
- Magenta (0%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 223.5110, -30.6210, -34.2770 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 223.5110, -30.6210, -34.2770 by changing the saturation by 10% instead.


 223.5110,
-30.6210, -34.2770


 223.5110,
-30.6210, -34.2770


255.0000, -0.0000,
-0.0000


 195.0380,
-30.6670, -33.4430


 247.5250,
-14.9000, -5.3000

 167.4510,
-30.3920, -32.9200

 139.9780,
-30.4380, -32.0860

 113.7930,
-31.3550, -31.9870

 87.4230, -33.1890,
-31.7890

 58.8890, -40.4330,
-32.6650

 42.2930, -26.7710,

-26.9550

■ 25.9420, -12.4210,
-22.7010

■ 11.7400, -5.5000,
-10.4600

■ 223.5110,
-30.6210, -34.2770

■ 223.5110,
-30.6210, -34.2770

■ 214.0980,
-40.0640, -44.8640

■ 232.9240,
-21.1780, -23.6900

■ 204.2720,
-49.7820, -55.9740

■ 242.6360,
-11.1390, -12.8910

■ 194.8590,
-59.2250, -66.5610

■ 252.1630, -2.0170,
-1.9930

■ 185.1470,
-69.2640, -77.3600

254.4130, 0.2750,
0.5230

■ 175.7340,
-78.7070, -87.9470

■ 166.2070,
-87.8290, -98.8450

■ 158.4460,
-96.1720, -107.3400

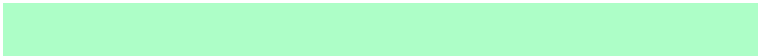
Harmonies

Analogous

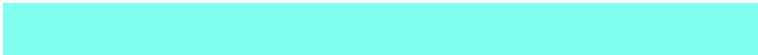
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



228.9640, 7.7080, -29.5720



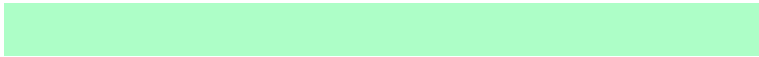
223.5110, -30.6210, -34.2770



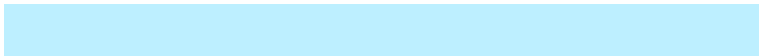
215.3880, -69.6390, -31.9990

Triad

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



223.5110, -30.6210, -34.2770



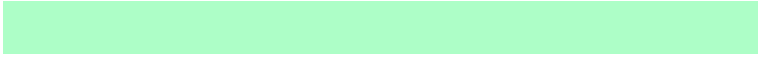
225.8740, -34.9360, -5.6240



222.4460, 31.0390, 4.6630

Complementary

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



223.5110, -30.6210, -34.2770



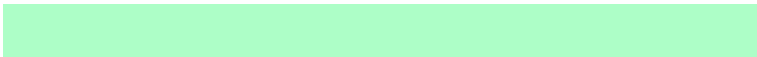
203.4890, 30.6210, 34.2770

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.



224.4300, 19.9410, 18.5730



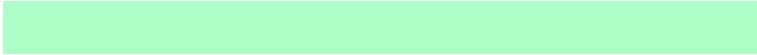
223.5110, -30.6210, -34.2770



234.6990, 2.8860, 13.7820

Square

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



223.5110, -30.6210, -34.2770



215.5870, -71.3370, -23.2490



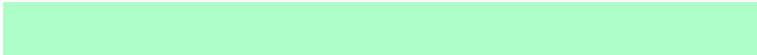
230.3460, 11.5500, 21.9660



225.1240, 37.2770, -9.2750

Rectangle

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



223.5110, -30.6210, -34.2770



211.3460, -87.0160, -30.9520



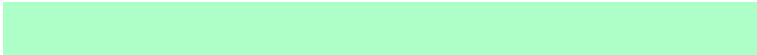
230.3460, 11.5500, 21.9660



222.0530, 28.0120, 9.9640

Sweetspot

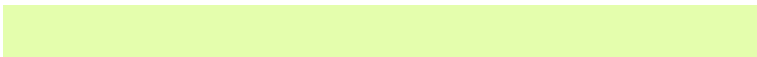
The Sweet Spot groups the original color and five complimentary colors.



223.5110, -30.6210, -34.2770



245.5870, -9.4430, -10.5870



236.9920, 10.5050, -30.7030



121.9620, -6.0050, -6.8130



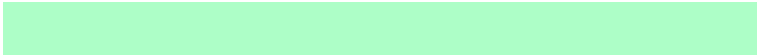
0.0000, 0.0000, 0.0000



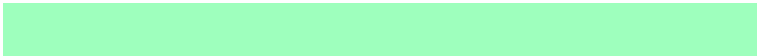
128.0000, -0.0000, -0.0000

Same Dimension

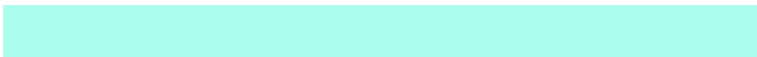
The Same Dimension uses a secret algorithm to generate beautiful new colors.



223.5110, -30.6210, -34.2770



218.4730, -36.6260, -41.0900



228.0710, -43.4610, -21.8370



123.0870, -4.8590, -5.5550



119.0710, -72.1060, -80.9220



39.8480, -24.0200, -27.2520

Inverse Universe

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



203.4890, 30.6210, 34.2770



194.5270, 36.6260, 41.0900



198.9290, 43.4610, 21.8370



119.7990, 5.1800, 5.2440



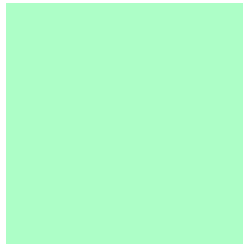
71.9290, 72.1060, 80.9220



24.0380, 24.3410, 26.9410

Previews

White Background



This preview shows how the YIQ color 223.5110, -30.6210, -34.2770 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 223.5110, -30.6210, -34.2770 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 223.5110, -30.6210, -34.2770 Background



This preview shows how black text looks on a background with the YIQ color 223.5110, -30.6210, -34.2770.



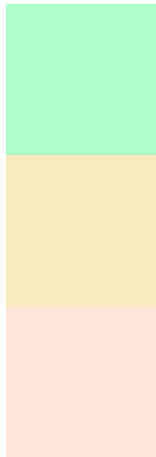
This preview shows how white text looks on a background with the YIQ color 223.5110, -30.6210, -34.2770.

-34.2770.

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

223.5110, -30.6210, -34.2770

Protanopia

234.0560, 22.7890, -11.0270

Deuteranopia

236.1070, 18.7520, 1.5680



Tritanopia

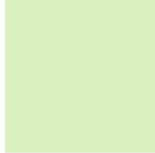
232.4190, -26.2250, -3.8010

Trichromacy



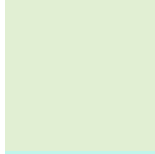
Original Color

223.5110, -30.6210, -34.2770



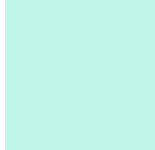
Protanomaly

230.1350, 3.2130, -19.6910



Deuteranomaly

231.6220, 0.6440, -11.6760



Tritanomaly

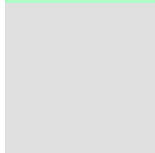
228.8990, -28.0570, -14.6570

Monochromacy



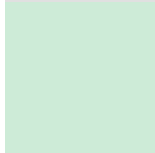
Original Color

223.5110, -30.6210, -34.2770



Achromatopsia

224.0000, -0.0000, 0.0000



Achromatomaly

223.7500, -11.4600, -12.5800

CSS Examples

Text

The CSS property to change the color of the text to YIQ 223.5110, -30.6210, -34.2770 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, 254, 199)` looks like.

```
.text, #text, p{  
    color:rgb(173, 254, 199)  
}
```

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, 254, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 254, 199) }
```

Border

The CSS property to change the border of an element to YIQ 223.5110, -30.6210, -34.2770 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, 254, 199) }
```


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

```
.border{ border-color:rgb(173, 254, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 254, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 254, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 254, 199);  
box-shadow:4px 4px 4px 4px rgb(173, 254,  
199) }
```

Background

The CSS property to change the background color of an element to YIQ 223.5110, -30.6210, -34.2770 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 254, 199) }
```

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

```
.background{ background-color: rgb(173,  
254, 199) }
```

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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