

Converting Colors

YIQ(215.2540, -31.0350,
-26.7710)

Have a look what the booklet for
YIQ(215.2540, -31.0350, -26.7710)
contains.

YIQ(215.2540, -31.0350, -26.7710)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(215.2540, -31.0350,
-26.7710)**

Conversions

Conversions Part 1

Format	Color
Hex	A9F1CC
RGB	169, 241, 204
RGB Percent	66%, 95%, 80%
CMY	0.3374, 0.0548, 0.2001
CMYK	0.30, 0.00, 0.15, 0.05
HSL	149°, 72%, 80%
HSV	149°, 30%, 95%
XYZ	58.7120, 75.7165, 68.6319
YIQ	215.2540, -31.0350, -26.7710

Conversions

Conversions Part 2

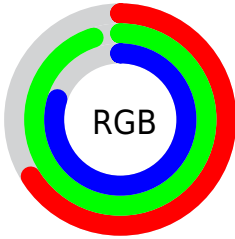
Format	Color
RYB	169, 217, 241
Decimal	11137484
CIELab	89.73, -29.90, 10.81
CIELCh	90, 31.789, 160.126
Yxy	75.7165, 0.2891, 0.3729
Android (android.graphics.Color)	4289327564 (0xFFA9F1CC)
YUV	215.2540, -5.5482, -40.5648
Hunter-Lab	87.0152, -31.8369, 14.1466

Details

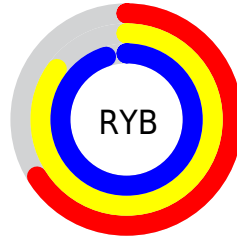
The YIQ color **215.2540, -31.0350, -26.7710** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **194.7460, 31.0350, 26.7710**, and the grayscale version is **215.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **246.3290, -17.2840, -6.1480**, and **160.0800, -30.4850, -25.7250** is the 20% darker color. If you saturate the color by 10%, you get **206.7100, -41.4870, -35.5910**, and if you desaturate by 10%, it is **223.7980, -20.5830, -17.9510**.

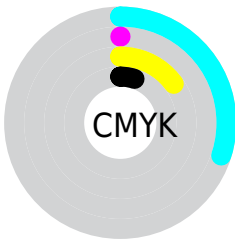
Distribution



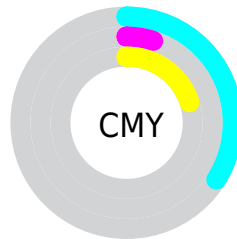
- Red (66%)
- Green (95%)
- Blue (80%)



- Red (66%)
- Yellow (85%)
- Blue (95%)



- Cyan (30%)
- Magenta (0%)
- Yellow (15%)
- Black (5%)





- Cyan (34%)
- Magenta (5%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 215.2540, -31.0350, -26.7710 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 215.2540, -31.0350, -26.7710 by changing the saturation by 10% instead.

 215.2540,
-31.0350, -26.7710


 215.2540,
-31.0350, -26.7710


255.0000, -0.0000,
-0.0000


 187.6670,
-30.7600, -26.2480


 246.3290,
-17.2840, -6.1480

 160.0800,
-30.4850, -25.7250

 132.6070,
-30.5310, -24.8910

 106.7210,
-30.8520, -24.5800

 81.2370, -32.3650,
-24.6930

 53.4750, -38.9670,
-26.1910

 36.9930, -25.6260,

-20.1700

■ 22.0440, -12.4680,
-16.3400

■ 0.0000, 0.0000,
0.0000

■ 215.2540,
-31.0350, -26.7710

■ 215.2540,
-31.0350, -26.7710

■ 206.7100,
-41.4870, -35.5910

■ 223.7980,
-20.5830, -17.9510

■ 198.0520,
-51.6180, -44.7220

■ 232.4560,
-10.4520, -8.8200

■ 189.5080,
-62.0700, -53.5420

■ 241.0000, -0.0000,
-0.0000

■ 180.8500,
-72.2010, -62.6730

■ 246.6680, 4.1710,
7.0110

■ 172.0070,
-83.2490, -71.7050

■ 246.7820, 3.8500,
7.3220

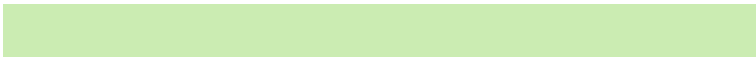
■ 163.4630,
-93.7010, -80.5250

■ 154.8050,
-103.8320, -89.6560

Harmonies

Analogous

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



219.5210, -1.0500, -25.0340



215.2540, -31.0350, -26.7710



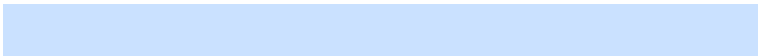
211.8890, -57.6280, -23.9000

Triad

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



215.2540, -31.0350, -26.7710



221.5430, -23.3380, 4.4540



219.7730, 34.4320, 3.7440

Complementary

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



215.2540, -31.0350, -26.7710



194.7460, 31.0350, 26.7710

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.



220.0300, 26.8190, 15.0670



215.2540, -31.0350, -26.7710



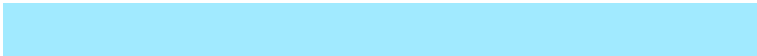
227.3450, 4.1230, 18.8990

Square

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



215.2540, -31.0350, -26.7710



214.5670, -50.2490, -8.9450



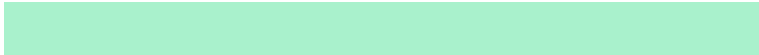
225.3250, 16.0430, 23.1390



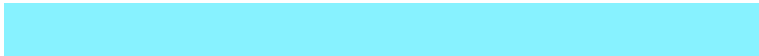
222.8900, 38.0560, -6.8720

Rectangle

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



215.2540, -31.0350, -26.7710



211.4890, -67.9450, -18.6410



225.3250, 16.0430, 23.1390



219.6250, 32.0930, 7.5890

Sweetspot

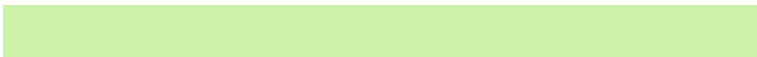
The Sweet Spot groups the original color and five complimentary colors.



215.2540, -31.0350, -26.7710



246.7550, -9.8560, -8.6080



222.3270, 2.2520, -29.8120



122.6030, -6.3720, -5.6680



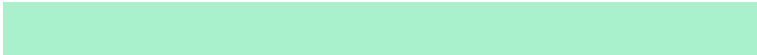
0.0000, 0.0000, 0.0000



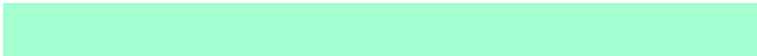
128.0000, -0.0000, -0.0000

Same Dimension

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



215.2540, -31.0350, -26.7710



222.1340, -39.7450, -34.1210



219.3580, -42.5910, -15.5750



115.7280, -5.2260, -4.4100



118.1540, -79.1690, -68.5530



35.9500, -24.0670, -20.8910

Inverse Universe

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



194.7460, 31.0350, 26.7710



195.8660, 39.7450, 34.1210



190.6420, 42.5910, 15.5750



112.2720, 5.2260, 4.4100



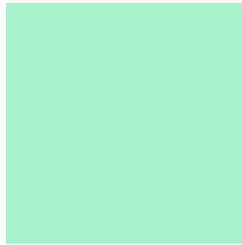
65.7320, 79.4900, 68.2420



20.0500, 24.0670, 20.8910

Previews

White Background



This preview shows how the YIQ color 215.2540, -31.0350, -26.7710 looks on a white background.

Color Contrast Check

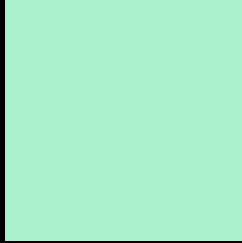
Large Text (above 18pt) WCAG AA × Fail

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 215.2540, -31.0350, -26.7710 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

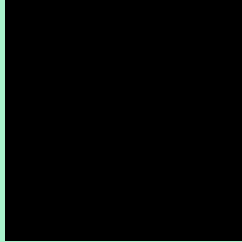
Any Text WCAG AA ✓ Pass

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 215.2540, -31.0350, -26.7710 Background



This preview shows how black text looks on a background with the YIQ color 215.2540, -31.0350, -26.7710.



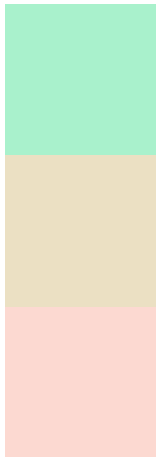
This preview shows how white text looks on a background with the YIQ color 215.2540, -31.0350, -26.7710.

-26.7710.

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

215.2540, -31.0350, -26.7710

Protanopia

223.9830, 15.8650, -6.6870

Deuteranopia

226.5530, 23.4280, 4.9320



Tritanopia

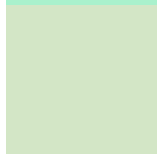
219.7210, -38.8790, -5.7510

Trichromacy



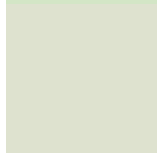
Original Color

215.2540, -31.0350, -26.7710



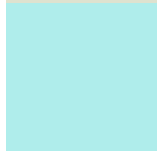
Protanomaly

220.6710, -1.0520, -13.9800



Deuteranomaly

222.6380, 3.7150, -6.7570



Tritanomaly

218.2340, -36.3100, -13.7660

Monochromacy



Original Color

215.2540, -31.0350, -26.7710



Achromatopsia

215.0000, -0.0000, -0.0000



Achromatomaly

214.7440, -11.3230, -9.5550

CSS Examples

Text

The CSS property to change the color of the text to YIQ 215.2540, -31.0350, -26.7710 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(169, 241, 204)` looks like.

```
.text, #text, p{  
    color:rgb(169, 241, 204)  
}
```

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(169, 241, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 241, 204) }
```

Border

The CSS property to change the border of an element to YIQ 215.2540, -31.0350, -26.7710 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(169, 241, 204) }
```


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

```
.border{ border-color:rgb(169, 241, 204) }
```

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

Here you see how a box with a 4 pixel rgb(169, 241, 204) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 241, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 241, 204);  
box-shadow:4px 4px 4px 4px rgb(169, 241,  
204) }
```

Background

The CSS property to change the background color of an element to YIQ 215.2540, -31.0350, -26.7710 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 241, 204) }
```

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

```
.background{ background-color: rgb(169,  
241, 204) }
```

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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