

Converting Colors

YIQ(211.6440, -31.9530,
-21.1450)

Have a look what the booklet for
YIQ(211.6440, -31.9530, -21.1450)
contains.

YIQ(211.6440, -31.9530, -21.1450)	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(211.6440, -31.9530,
-21.1450)**

Conversions

Conversions Part 1

Format	Color
Hex	A8EAD3
RGB	168, 234, 211
RGB Percent	66%, 92%, 83%
CMY	0.3413, 0.0822, 0.1727
CMYK	0.28, 0.00, 0.10, 0.08
HSL	159°, 61%, 79%
HSV	159°, 28%, 92%
XYZ	57.3242, 71.8832, 72.4633
YIQ	211.6440, -31.9530, -21.1450

Conversions

Conversions Part 2

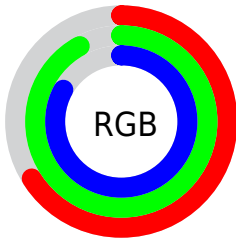
Format	Color
R_{YB}	168, 208, 234
Decimal	11070163
CIE _{Lab}	87.91, -25.45, 4.54
CIE _{LCh}	88, 25.856, 169.879
Yxy	71.8832, 0.2842, 0.3564
Android (android.graphics.Color)	4289260243 (0xFFA8EAD3)
YUV	211.6440, -0.3175, -38.2758
Hunter-Lab	84.7840, -27.6843, 8.6747

Details

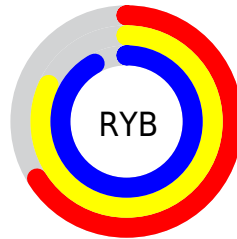
The YIQ color **211.6440, -31.9530, -21.1450** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **190.3560, 31.9530, 21.1450**, and the grayscale version is **212.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **245.7310, -18.4760, -6.5720**, and **156.4700, -31.4030, -20.0990** is the 20% darker color. If you saturate the color by 10%, you get **203.8550, -43.0930, -28.5090**, and if you desaturate by 10%, it is **219.4330, -20.8130, -13.7810**.

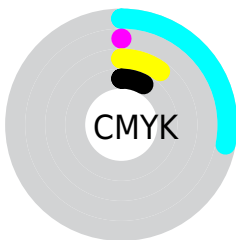
Distribution



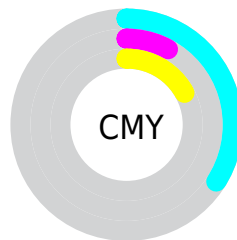
- Red (66%)
- Green (92%)
- Blue (83%)



- Red (66%)
- Yellow (82%)
- Blue (92%)



- Cyan (28%)
- Magenta (0%)
- Yellow (10%)
- Black (8%)



- Cyan (34%)
- Magenta (8%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 211.6440, -31.9530, -21.1450 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 211.6440, -31.9530, -21.1450 by changing the saturation by 10% instead.

■ 211.6440,
-31.9530, -21.1450

■ 211.6440,
-31.9530, -21.1450

■ 255.0000, -0.0000,
-0.0000

■ 183.9430,
-31.3570, -20.9330

■ 245.7310,
-18.4760, -6.5720

■ 156.3560,
-31.0820, -20.4100

■ 254.7010, -0.5960,
-0.2120

■ 129.7690,
-30.8070, -19.8870

■ 103.8830,
-31.1280, -19.5760

■ 78.3990, -32.6410,
-19.6890

■ 51.8220, -38.3260,
-21.2860

■ 34.7420, -26.1770,

-15.6890

■ 20.6080, -13.9360,
-11.7600

■ 0.0000, 0.0000,
0.0000

■ 211.6440,
-31.9530, -21.1450

■ 211.6440,
-31.9530, -21.1450

■ 203.8550,
-43.0930, -28.5090

■ 219.4330,
-20.8130, -13.7810

■ 195.7670,
-54.8290, -36.0850

■ 227.5210, -9.0770,
-6.2050

■ 187.8640,
-65.6480, -43.7600

■ 235.3100, 2.0630,
1.1590

■ 179.7760,
-77.3840, -51.3360

■ 241.4190, 9.3060,
7.5620

■ 171.9870,
-88.5240, -58.7000

■ 242.3310, 6.7380,
10.0500

■ 164.1980,
-99.6640, -66.0640

■ 242.6730, 5.7750,
10.9830

■ 156.1100,
-111.4000, -73.6400

■ 154.6860,
-113.1420, -75.1100

Harmonies

Analogous

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



214.4480, -7.9740, -20.6940



211.6440, -31.9530, -21.1450



210.0090, -48.9180, -16.5500

Triad

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



211.6440, -31.9530, -21.1450



220.4350, -13.9860, 11.1820



219.3170, 35.7160, 2.5000

Complementary

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



211.6440, -31.9530, -21.1450



190.3560, 31.9530, 21.1450

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.



219.3630, 30.0750, 11.1230



211.6440, -31.9530, -21.1450



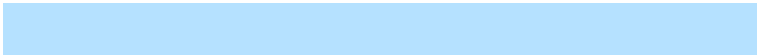
224.3670, 7.0570, 20.7930

Square

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



211.6440, -31.9530, -21.1450



215.2640, -35.8540, 0.0020



222.2130, 22.0500, 18.8980



220.2530, 32.6000, -7.1120

Rectangle

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



211.6440, -31.9530, -21.1450



211.1320, -53.4580, -11.3620



222.2130, 22.0500, 18.8980



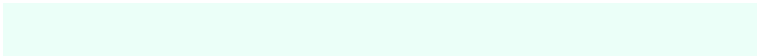
218.8270, 34.3400, 5.4120

Sweetspot

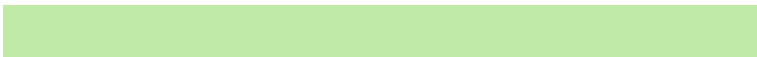
The Sweet Spot groups the original color and five complimentary colors.



211.6440, -31.9530, -21.1450



248.2220, -9.6730, -6.4170



213.6190, -4.4420, -29.6420



123.5430, -6.1430, -4.3110



0.0000, 0.0000, 0.0000



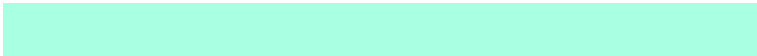
128.0000, -0.0000, -0.0000

Same Dimension

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



211.6440, -31.9530, -21.1450



225.5670, -42.2220, -27.7740



208.3960, -36.5860, -8.7620



113.2550, -5.2720, -3.5760



119.6990, -87.6530, -57.9650



35.6880, -26.0850, -17.3570

Inverse Universe

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



190.3560, 31.9530, 21.1450



197.5470, 41.9010, 28.0850



193.6040, 36.5860, 8.7620



109.7450, 5.2720, 3.5760



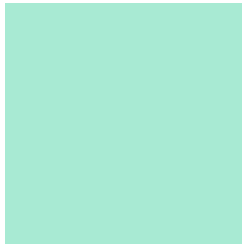
61.3010, 87.6530, 57.9650



18.3120, 26.0850, 17.3570

Previews

White Background



This preview shows how the YIQ color 211.6440, -31.9530, -21.1450 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 211.6440, -31.9530, -21.1450 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

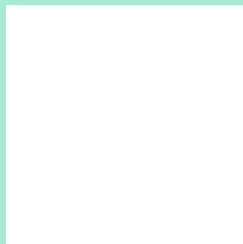
Any Text WCAG AAA ✓ Pass

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

YIQ 211.6440, -31.9530, -21.1450 Background



This preview shows how black text looks on a background with the YIQ color 211.6440, -31.9530, -21.1450.



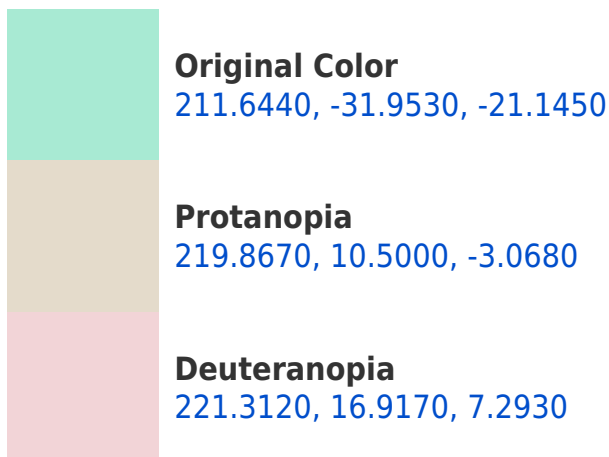
This preview shows how white text looks on a background with the YIQ color 211.6440, -31.9530, -21.1450.

-21.1450.

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





Tritanopia

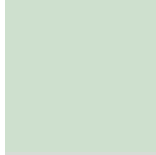
215.2050, -37.3660, -5.6380

Trichromacy



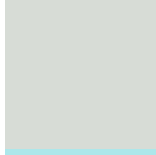
Original Color

211.6440, -31.9530, -21.1450



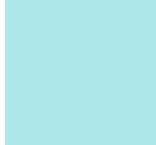
Protanomaly

216.5660, -4.9500, -9.4140



Deuteranomaly

217.8210, -1.0540, -2.9260



Tritanomaly

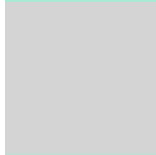
214.0000, -35.5310, -11.3630

Monochromacy



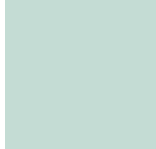
Original Color

211.6440, -31.9530, -21.1450



Achromatopsia

212.0000, -0.0000, -0.0000



Achromatomaly

211.9120, -11.7360, -7.5760

CSS Examples

Text

The CSS property to change the color of the text to YIQ 211.6440, -31.9530, -21.1450 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(168, 234, 211)` looks like.

```
.text, #text, p{  
    color:rgb(168, 234, 211)  
}
```

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(168, 234, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 234, 211) }
```

Border

The CSS property to change the border of an element to YIQ 211.6440, -31.9530, -21.1450 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(168, 234, 211) }
```


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

```
.border{ border-color:rgb(168, 234, 211) }
```

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

Here you see how a box with a 4 pixel rgb(168, 234, 211) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 234, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 234, 211);  
box-shadow:4px 4px 4px 4px rgb(168, 234,  
211) }
```

Background

The CSS property to change the background color of an element to YIQ 211.6440, -31.9530, -21.1450 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 234, 211) }
```

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

```
.background{ background-color: rgb(168,  
234, 211) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor