

Converting Colors

YIQ(215.3850, -30.0260,
-28.5380)

Have a look what the booklet for
YIQ(215.3850, -30.0260, -28.5380)
contains.

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Color

**YIQ(215.3850, -30.0260,
-28.5380)**

Conversions

Conversions Part 1

Format	Color
Hex	A9F2C8
RGB	169, 242, 200
RGB Percent	66%, 95%, 78%
CMY	0.3374, 0.0508, 0.2158
CMYK	0.30, 0.00, 0.17, 0.05
HSL	145°, 74%, 81%
HSV	145°, 30%, 95%
XYZ	58.5352, 76.1209, 66.2377
YIQ	215.3850, -30.0260, -28.5380

Conversions

Conversions Part 2

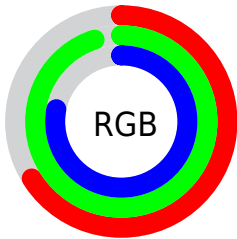
Format	Color
R_{YB}	169, 220, 242
Decimal	11137736
CIE _{Lab}	89.92, -31.13, 13.15
CIE _{LCh}	90, 33.796, 157.104
Yxy	76.1209, 0.2914, 0.3789
Android (android.graphics.Color)	4289327816 (0xFFA9F2C8)
YUV	215.3850, -7.5848, -40.6796
Hunter-Lab	87.2473, -32.9251, 16.0605

Details

The YIQ color **215.3850, -30.0260, -28.5380** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **195.6150, 30.0260, 28.5380**, 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 **160.2110, -29.4760, -27.4920** is the 20% darker color. If you saturate the color by 10%, you get **206.6130, -39.8360, -37.9800**, and if you desaturate by 10%, it is **224.1570, -20.2160, -19.0960**.

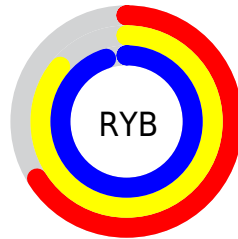
Distribution



Red (66%)

Green (95%)

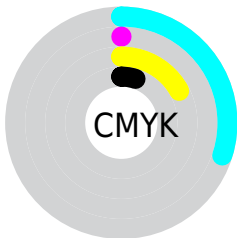
Blue (78%)



Red (66%)

Yellow (86%)

Blue (95%)

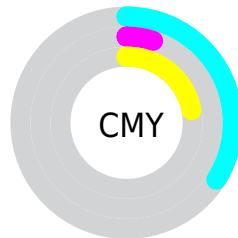


Cyan (30%)

Magenta (0%)

Yellow (17%)

Black (5%)



Cyan (34%)


Magenta (5%)


Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 215.3850, -30.0260, -28.5380 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 215.3850, -30.0260, -28.5380 by changing the saturation by 10% instead.


 215.3850,
-30.0260, -28.5380


 215.3850,
-30.0260, -28.5380


255.0000, -0.0000,
-0.0000


 186.9120,
-30.0720, -27.7040


 246.3290,
-17.2840, -6.1480

 160.2110,
-29.4760, -27.4920

 132.7380,
-29.5220, -26.6580

 106.8520,
-29.8430, -26.3470

 80.8950, -31.4020,
-25.6260

 53.7200, -38.2790,
-27.6470

 37.2380, -24.9380,

-21.6260

■ 22.0610, -11.1380,
-18.4180

■ 0.0000, 0.0000,
0.0000

■ 215.3850,
-30.0260, -28.5380

■ 215.3850,
-30.0260, -28.5380

■ 206.6130,
-39.8360, -37.9800

■ 224.1570,
-20.2160, -19.0960

■ 197.8410,
-49.6460, -47.4220

■ 232.9290,
-10.4060, -9.6540

■ 188.7700,
-60.0520, -57.0760

■ 242.0000, -0.0000,
0.0000

■ 179.9980,
-69.8620, -66.5180

■ 247.3690, 3.5750,
6.7990

■ 171.2260,
-79.6720, -75.9600

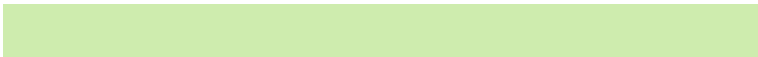
■ 162.4540,
-89.4820, -85.4020

■ 153.7960,
-99.6130, -94.5330

Harmonies

Analogous

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



219.9620, 2.0220, -25.6420



215.3850, -30.0260, -28.5380



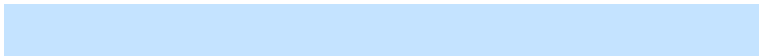
211.0520, -59.6450, -25.8930

Triad

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



215.3850, -30.0260, -28.5380



220.9230, -27.4640, 2.1360



218.7130, 34.6610, 5.1010

Complementary

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



215.3850, -30.0260, -28.5380



195.6150, 30.0260, 28.5380

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.



219.7850, 26.1310, 16.5230



215.3850, -30.0260, -28.5380



227.3340, 2.6560, 17.9520

Square

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



215.3850, -30.0260, -28.5380



213.0500, -56.1630, -11.8990



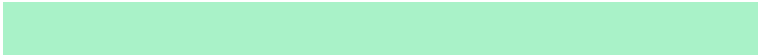
225.8950, 14.4380, 24.6940



222.0750, 38.9730, -6.9710

Rectangle

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



215.3850, -30.0260, -28.5380



209.5700, -72.6670, -21.1710



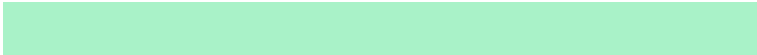
225.8950, 14.4380, 24.6940



218.5650, 32.3220, 8.9460

Sweetspot

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



215.3850, -30.0260, -28.5380



246.6410, -9.5350, -8.9190



224.7080, 5.5530, -29.0630



122.4890, -6.0510, -5.9790



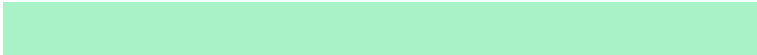
0.0000, 0.0000, 0.0000



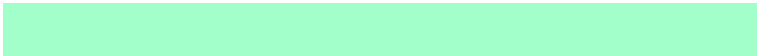
128.0000, -0.0000, -0.0000

Same Dimension

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



215.3850, -30.0260, -28.5380



221.4500, -37.8190, -35.9870



219.4890, -41.5820, -17.3420



115.6140, -4.9050, -4.7210



116.9000, -75.6380, -71.9740



35.6080, -23.1040, -21.8240

Inverse Universe

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



195.6150, 30.0260, 28.5380



196.5500, 37.8190, 35.9870



191.5110, 41.5820, 17.3420



112.3860, 4.9050, 4.7210



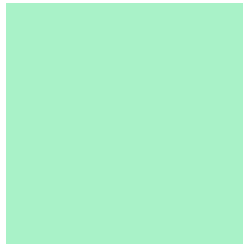
67.1000, 75.6380, 71.9740



20.3920, 23.1040, 21.8240

Previews

White Background



This preview shows how the YIQ color 215.3850, -30.0260, -28.5380 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 215.3850, -30.0260, -28.5380 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

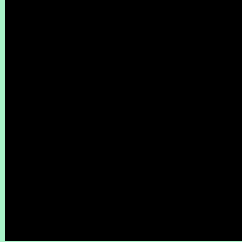
Any Text WCAG AA ✓ Pass

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 215.3850, -30.0260, -28.5380 Background



This preview shows how black text looks on a background with the YIQ color 215.3850, -30.0260, -28.5380.



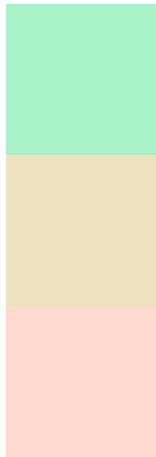
This preview shows how white text looks on a background with the YIQ color 215.3850, -30.0260, -28.5380.

-28.5380.

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

215.3850, -30.0260, -28.5380

Protanopia

224.7120, 18.0660, -8.0300

Deuteranopia

226.6950, 25.9040, 4.1120



Tritanopia

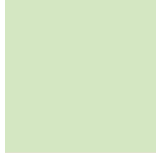
220.6070, -38.5580, -6.0620

Trichromacy



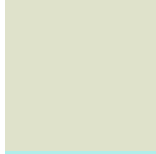
Original Color

215.3850, -30.0260, -28.5380



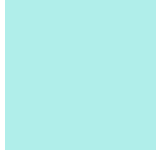
Protanomaly

221.1010, 0.5530, -15.5350



Deuteranomaly

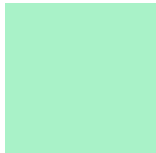
222.4810, 5.5950, -7.7890



Tritanomaly

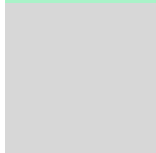
219.0060, -35.6680, -14.3880

Monochromacy



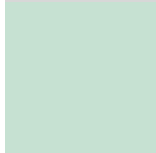
Original Color

215.3850, -30.0260, -28.5380



Achromatopsia

215.0000, -0.0000, -0.0000



Achromatomaly

215.2170, -11.2770, -10.3890

CSS Examples

Text

The CSS property to change the color of the text to YIQ 215.3850, -30.0260, -28.5380 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, 242, 200)` looks like.

```
.text, #text, p{  
    color:rgb(169, 242, 200)  
}
```

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, 242, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 242, 200) }
```

Border

The CSS property to change the border of an element to YIQ 215.3850, -30.0260, -28.5380 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, 242, 200) }
```


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

```
.border{ border-color:rgb(169, 242, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 242, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 242, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 242, 200);  
box-shadow:4px 4px 4px 4px rgb(169, 242,  
200) }
```

Background

The CSS property to change the background color of an element to YIQ 215.3850, -30.0260, -28.5380 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 242, 200) }
```

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

```
.background{ background-color: rgb(169,  
242, 200) }
```

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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