

Converting Colors

YIQ(215.2380, -34.1060,
-31.6900)

Have a look what the booklet for
YIQ(215.2380, -34.1060, -31.6900)
contains.

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Color

**YIQ(215.2380, -34.1060,
-31.6900)**

Conversions

Conversions Part 1

Format	Color
Hex	A3F5C7
RGB	163, 245, 199
RGB Percent	64%, 96%, 78%
CMY	0.3610, 0.0391, 0.2197
CMYK	0.34, 0.00, 0.19, 0.04
HSL	146°, 80%, 80%
HSV	146°, 34%, 96%
XYZ	58.0612, 77.2284, 65.8638
YIQ	215.2380, -34.1060, -31.6900

Conversions

Conversions Part 2

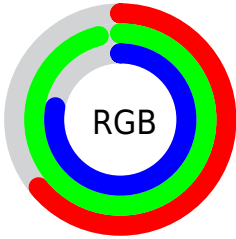
Format	Color
RYB	163, 220, 245
Decimal	10745287
CIELab	90.43, -34.49, 14.35
CIElCh	90, 37.354, 157.409
Yxy	77.2284, 0.2886, 0.3839
Android (android.graphics.Color)	4288935367 (0xFFA3F5C7)
YUV	215.2380, -8.0053, -45.8127
Hunter-Lab	87.8797, -35.8564, 17.0793

Details

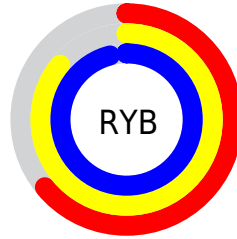
The YIQ color $215.2380, -34.1060, -31.6900$ is a light color, and the websafe version is hex $99FFCC$. A complement of this color would be $192.7620, 34.1060, 31.6900$, and the grayscale version is $215.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $244.5350, -20.8600, -7.4200$, and $159.1780, -33.8770, -30.3330$ is the 20% darker color. If you saturate the color by 10%, you get $206.1670, -44.5120, -41.3440$, and if you desaturate by 10%, it is $224.0100, -24.2960, -22.2480$.

Distribution



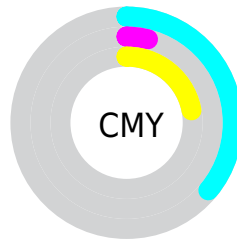
- Red (64%)
- Green (96%)
- Blue (78%)



- Red (64%)
- Yellow (86%)
- Blue (96%)



- Cyan (34%)
- Magenta (0%)
- Yellow (19%)
- Black (4%)





- Cyan (36%)
- Magenta (4%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 215.2380, -34.1060, -31.6900 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 215.2380, -34.1060, -31.6900 by changing the saturation by 10% instead.


 215.2380,
-34.1060, -31.6900

 215.2380,
-34.1060, -31.6900


255.0000, -0.0000,
-0.0000


 186.7650,
-34.1520, -30.8560


 244.5350,
-20.8600, -7.4200


 159.1780,
-33.8770, -30.3330

 253.2060, -3.5760,
-1.2720

 132.2920,
-34.1980, -30.0220

 105.5200,
-34.8400, -29.4000

 78.9540, -39.0580,
-30.0500

 54.7800, -38.5080,
-29.0040

 38.2980, -25.1670,

-22.9830

■ 22.4200, -10.7710,
-19.5630

■ 1.7610, -0.8250,
-1.5690

■ 215.2380,
-34.1060, -31.6900

■ 215.2380,
-34.1060, -31.6900

■ 206.1670,
-44.5120, -41.3440

■ 224.0100,
-24.2960, -22.2480

■ 197.3950,
-54.3220, -50.7860

■ 232.9670,
-13.5690, -12.9050

■ 188.4380,
-65.0490, -60.1290

■ 241.7390, -3.7590,
-3.4630

■ 179.6660,
-74.8590, -69.5710

■ 249.0160, 3.0710,
4.9190

■ 170.5950,
-85.2650, -79.2250

■ 249.1300, 2.7500,
5.2300

■ 161.8230,
-95.0750, -88.6670

■ 156.1270,
-102.0430, -94.5470

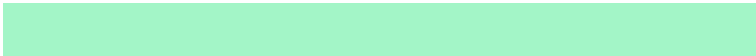
Harmonies

Analogous

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



220.3810, 2.1600, -28.1440



215.2380, -34.1060, -31.6900



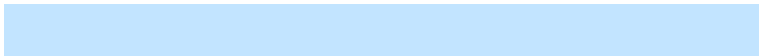
209.5670, -68.5850, -29.0730

Triad

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



215.2380, -34.1060, -31.6900



220.9120, -28.9310, 1.1890



217.7840, 35.8990, 4.6910

Complementary

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



215.2380, -34.1060, -31.6900



192.7620, 34.1060, 31.6900

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.



219.3120, 26.0850, 17.3570



215.2380, -34.1060, -31.6900



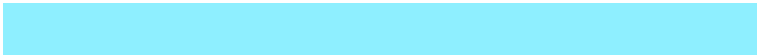
228.2310, 4.4440, 18.5880

Square

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



215.2380, -34.1060, -31.6900



211.8210, -62.9480, -15.5880



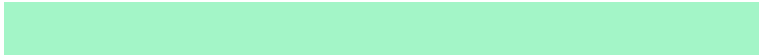
225.6500, 13.7500, 26.1500



221.5050, 40.5780, -8.5260

Rectangle

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



215.2380, -34.1060, -31.6900



207.5470, -83.0280, -26.1320



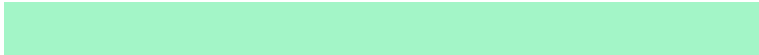
225.6500, 13.7500, 26.1500



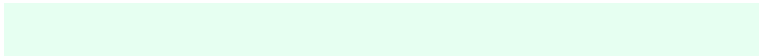
217.7500, 33.2390, 8.8470

Sweetspot

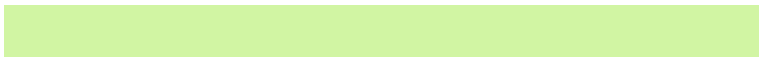
The Sweet Spot groups the original color and five complimentary colors.



215.2380, -34.1060, -31.6900



245.9290, -10.4060, -9.6540



224.8880, 4.8660, -33.1340



122.1900, -6.6470, -6.1910



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.



215.2380, -34.1060, -31.6900



218.0040, -42.4950, -39.3510



219.9120, -47.2670, -18.9390



117.7280, -5.2260, -4.4100



118.5300, -77.4720, -71.7760



37.5970, -24.5710, -22.7710

Inverse Universe

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



192.7620, 34.1060, 31.6900



189.9960, 42.4950, 39.3510



188.0880, 47.2670, 18.9390



114.3860, 4.9050, 4.7210



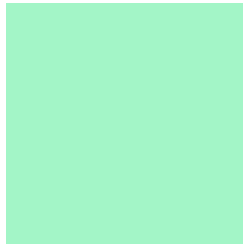
67.4700, 77.4720, 71.7760



21.4030, 24.5710, 22.7710

Previews

White Background



This preview shows how the YIQ color 215.2380, -34.1060, -31.6900 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 215.2380, -34.1060, -31.6900 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

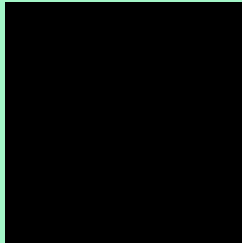
Any Text WCAG AA ✓ Pass

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 215.2380, -34.1060, -31.6900 Background



This preview shows how black text looks on a background with the YIQ color 215.2380, -34.1060, -31.6900.



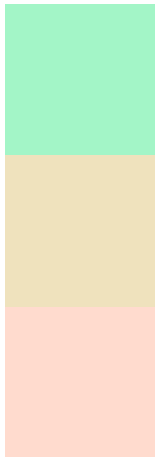
This preview shows how white text looks on a background with the YIQ color 215.2380, -34.1060, -31.6900.

-31.6900.

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

215.2380, -34.1060, -31.6900

Protanopia

225.6690, 19.6250, -8.7510

Deuteranopia

228.2820, 25.6290, 3.5890



Tritanopia

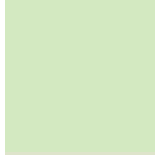
221.4110, -40.9420, -6.9100

Trichromacy



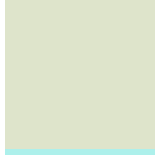
Original Color

215.2380, -34.1060, -31.6900



Protanomaly

221.8620, -0.2720, -17.1040



Deuteranomaly

223.3560, 4.4490, -9.0470



Tritanomaly

219.3970, -38.3270, -15.7590

Monochromacy



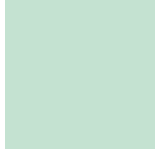
Original Color

215.2380, -34.1060, -31.6900



Achromatopsia

215.0000, -0.0000, -0.0000



Achromatomaly

215.0920, -12.4230, -11.6470

CSS Examples

Text

The CSS property to change the color of the text to YIQ 215.2380, -34.1060, -31.6900 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(163, 245, 199)` looks like.

```
.text, #text, p{  
    color:rgb(163, 245, 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(163, 245, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 245, 199) }
```

Border

The CSS property to change the border of an element to YIQ 215.2380, -34.1060, -31.6900 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(163, 245, 199) }
```


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

```
.border{ border-color:rgb(163, 245, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 245, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(163, 245, 199); -webkit-box-shadow:4px 4px 4px 4px rgb(163, 245, 199); box-shadow:4px 4px 4px 4px rgb(163, 245, 199) }
```

Background

The CSS property to change the background color of an element to YIQ 215.2380, -34.1060, -31.6900 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 245, 199) }
```

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

```
.background{ background-color: rgb(163,  
245, 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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