

Converting Colors

YIQ(212.5610, -51.2530,
-34.8130)

Have a look what the booklet for
YIQ(212.5610, -51.2530, -34.8130)
contains.

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Color

**YIQ(212.5610, -51.2530,
-34.8130)**

Conversions

Conversions Part 1

Format	Color
Hex	8EF9D2
RGB	142, 249, 210
RGB Percent	56%, 98%, 82%
CMY	0.4434, 0.0233, 0.1766
CMYK	0.43, 0.00, 0.16, 0.02
HSL	158°, 90%, 77%
HSV	158°, 43%, 98%
XYZ	56.6600, 78.1745, 73.0468
YIQ	212.5610, -51.2530, -34.8130

Conversions

Conversions Part 2

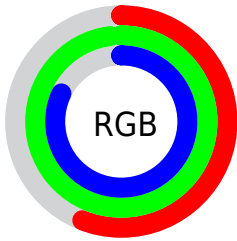
Format	Color
R_{YB}	142, 207, 249
Decimal	9370066
CIE _{Lab}	90.86, -39.79, 9.16
CIE _{LCh}	91, 40.834, 167.041
Yxy	78.1745, 0.2726, 0.3761
Android (android.graphics.Color)	4287560146 (0xFF8EF9D2)
YUV	212.5610, -1.2626, -61.8820
Hunter-Lab	88.4164, -40.3401, 12.9079

Details

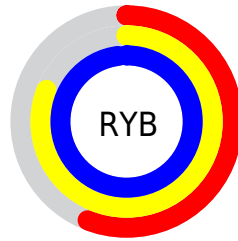
The YIQ color **212.5610, -51.2530, -34.8130** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **178.4390, 51.2530, 34.8130**, and the grayscale version is **213.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **238.5550, -32.7800, -11.6600**, and **155.6040, -52.8120, -34.0920** is the 20% darker color. If you saturate the color by 10%, you get **204.0600, -63.2640, -42.9120**, and if you desaturate by 10%, it is **221.0620, -39.2420, -26.7140**.

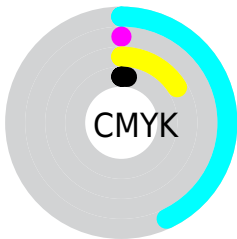
Distribution



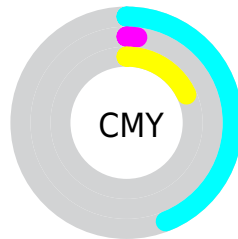
- Red (56%)
- Green (98%)
- Blue (82%)



- Red (56%)
- Yellow (81%)
- Blue (98%)



- Cyan (43%)
- Magenta (0%)
- Yellow (16%)
- Black (2%)



- Cyan (44%)
- Magenta (2%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 212.5610, -51.2530, -34.8130 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 212.5610, -51.2530, -34.8130 by changing the saturation by 10% instead.

■ 212.5610,
-51.2530, -34.8130

■ 212.5610,
-51.2530, -34.8130

■ 255.0000, -0.0000,
-0.0000

■ 183.6750,
-51.5740, -34.5020

■ 238.5550,
-32.7800, -11.6600

■ 155.4900,
-52.4910, -34.4030

■ 247.2260,
-15.4960, -5.5120

■ 127.4080,
-55.1960, -34.9400

■ 94.9550, -67.1620,
-38.3460

■ 74.8640, -56.4800,
-33.6960

■ 57.5670, -42.2220,
-27.7740

■ 40.4980, -28.6060,

-21.2300

■ 25.7770, -16.0900,
-16.7780

■ 3.5220, -1.6500,
-3.1380

■ 212.5610,
-51.2530, -34.8130

■ 212.5610,
-51.2530, -34.8130

■ 204.0600,
-63.2640, -42.9120

■ 221.0620,
-39.2420, -26.7140

■ 195.5590,
-75.2750, -51.0110

■ 229.5630,
-27.2310, -18.6150

■ 187.0580,
-87.2860, -59.1100

■ 238.0640,
-15.2200, -10.5160

■ 178.5570,
-99.2970, -67.2090

■ 246.5650, -3.2090,
-2.4170

■ 170.0560,
-111.3080, -75.3080

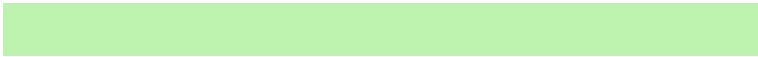
■ 251.4780, 1.6500,
3.1380

■ 164.1750,
-119.1930, -81.0890

Harmonies

Analogous

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



218.9880, -10.0350, -32.9070



212.5610, -51.2530, -34.8130



205.7480, -88.2080, -31.3760

Triad

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



212.5610, -51.2530, -34.8130



223.9350, -18.5700, 6.1500



218.0630, 39.2470, -0.9210

Complementary

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



212.5610, -51.2530, -34.8130



178.4390, 51.2530, 34.8130

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.



217.3570, 30.2120, 14.1480



212.5610, -51.2530, -34.8130



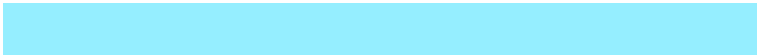
229.1720, 12.1000, 23.0120

Square

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



212.5610, -51.2530, -34.8130



213.3270, -58.5010, -13.5810



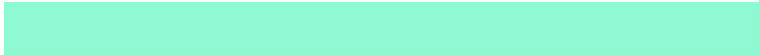
222.3900, 17.4180, 25.7540



223.4140, 42.0920, -13.9400

Rectangle

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



212.5610, -51.2530, -34.8130



202.7520, -94.0310, -30.4710



222.3900, 17.4180, 25.7540



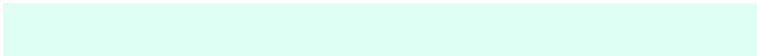
216.9690, 36.8160, 4.5920

Sweetspot

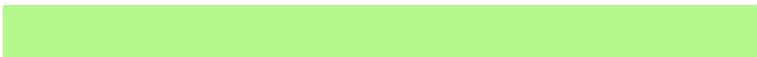
The Sweet Spot groups the original color and five complimentary colors.



212.5610, -51.2530, -34.8130



243.7650, -15.8160, -10.7280



216.4700, -6.1810, -47.6930



120.8090, -9.9480, -6.9400



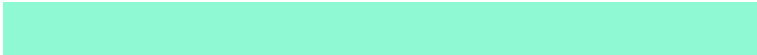
0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

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



212.5610, -51.2530, -34.8130



209.7610, -63.8600, -43.1240



208.7890, -59.9220, -15.3620



120.5430, -6.1430, -4.3110



124.6230, -90.4950, -61.5270



40.2530, -29.2940, -19.7740

Inverse Universe

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



178.4390, 51.2530, 34.8130



167.3530, 63.5390, 43.4350



182.2110, 59.9220, 15.3620



116.4570, 6.1430, 4.3110



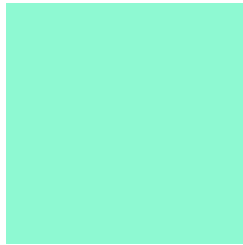
64.3770, 90.4950, 61.5270



20.7470, 29.2940, 19.7740

Previews

White Background



This preview shows how the YIQ color 212.5610, -51.2530, -34.8130 looks on a white background.

Color Contrast Check

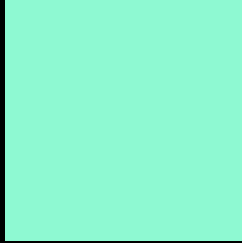
Large Text (above 18pt) WCAG AA × Fail

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 212.5610, -51.2530, -34.8130 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

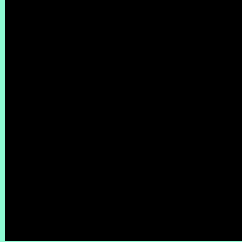
Any Text WCAG AA ✓ Pass

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 212.5610, -51.2530, -34.8130 Background



This preview shows how black text looks on a background with the YIQ color 212.5610, -51.2530, -34.8130.



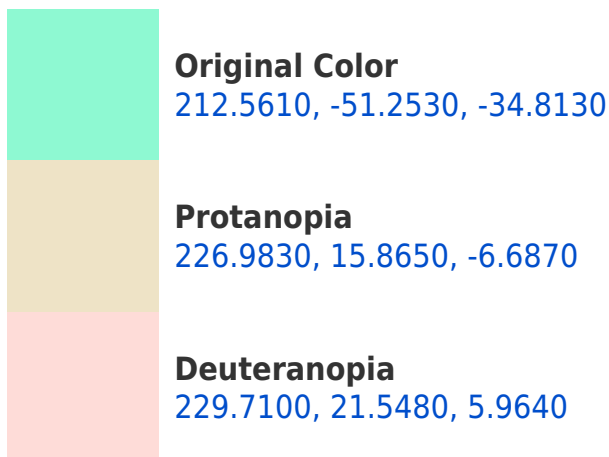
This preview shows how white text looks on a background with the YIQ color 212.5610, -51.2530, -34.8130.

-34.8130.

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

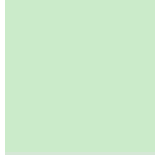
221.0900, -44.4720, -9.0160

Trichromacy



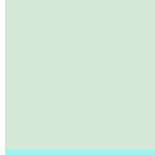
Original Color

212.5610, -51.2530, -34.8130



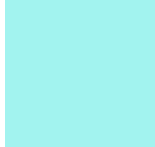
Protanomaly

221.6700, -8.4790, -17.0470



Deuteranomaly

223.6800, -5.2710, -9.1030



Tritanomaly

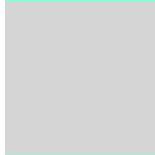
218.3250, -46.9920, -18.4160

Monochromacy



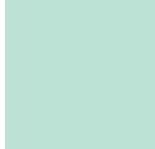
Original Color

212.5610, -51.2530, -34.8130



Achromatopsia

213.0000, -0.0000, 0.0000



Achromatomaly

212.7430, -18.7500, -12.6220

CSS Examples

Text

The CSS property to change the color of the text to YIQ 212.5610, -51.2530, -34.8130 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(142, 249, 210)` looks like.

```
.text, #text, p{  
    color:rgb(142, 249, 210)  
}
```

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(142, 249, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 249, 210) }
```

Border

The CSS property to change the border of an element to YIQ 212.5610, -51.2530, -34.8130 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(142, 249, 210) }
```


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

```
.border{ border-color:rgb(142, 249, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 249, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 249, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 249, 210);  
box-shadow:4px 4px 4px 4px rgb(142, 249,  
210) }
```

Background

The CSS property to change the background color of an element to YIQ 212.5610, -51.2530, -34.8130 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 249, 210) }
```

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

```
.background{ background-color: rgb(142,  
249, 210) }
```

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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