

Converting Colors

YIQ(209.8860, -27.1830,
-30.5030)

Have a look what the booklet for
YIQ(209.8860, -27.1830, -30.5030)
contains.

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Color

**YIQ(209.8860, -27.1830,
-30.5030)**

Conversions

Conversions Part 1

Format	Color
Hex	A5EDBC
RGB	165, 237, 188
RGB Percent	65%, 93%, 74%
CMY	0.3531, 0.0705, 0.2628
CMYK	0.30, 0.00, 0.21, 0.07
HSL	139°, 67%, 79%
HSV	139°, 30%, 93%
XYZ	54.8744, 72.2097, 58.6126
YIQ	209.8860, -27.1830, -30.5030

Conversions

Conversions Part 2

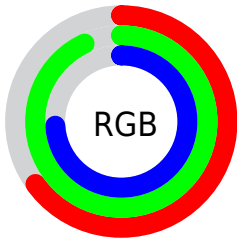
Format	Color
RYB	165, 220, 237
Decimal	10874300
CIELab	88.07, -32.24, 16.74
CIELCh	88, 36.321, 152.564
Yxy	72.2097, 0.2955, 0.3889
Android (android.graphics.Color)	4289064380 (0xFFA5EDBC)
YUV	209.8860, -10.7898, -39.3650
Hunter-Lab	84.9763, -33.4401, 18.5880

Details

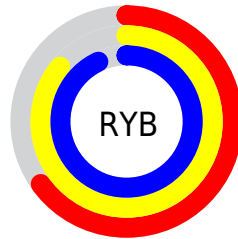
The YIQ color **209.8860, -27.1830, -30.5030** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **192.1140, 27.1830, 30.5030**, and the grayscale version is **210.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **243.5800, -16.7330, -10.6290**, and **154.8260, -26.9540, -29.1460** is the 20% darker color. If you saturate the color by 10%, you get **200.8860, -36.3510, -40.5670**, and if you desaturate by 10%, it is **218.8860, -18.0150, -20.4390**.

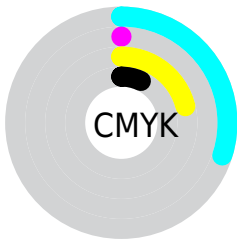
Distribution



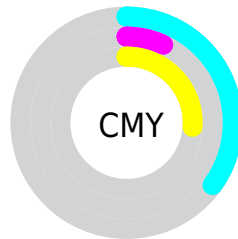
- Red (65%)
- Green (93%)
- Blue (74%)



- Red (65%)
- Yellow (86%)
- Blue (93%)



- Cyan (30%)
- Magenta (0%)
- Yellow (21%)
- Black (7%)



- Cyan (35%)
- Magenta (7%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 209.8860, -27.1830, -30.5030 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 209.8860, -27.1830, -30.5030 by changing the saturation by 10% instead.

■ 209.8860,
-27.1830, -30.5030

■ 209.8860,
-27.1830, -30.5030

■ 255.0000, -0.0000,
-0.0000

■ 182.2990,
-26.9080, -29.9800

■ 243.5800,
-16.7330, -10.6290

■ 154.8260,
-26.9540, -29.1460

■ 253.8040, -2.3840,
-0.8480

■ 128.2390,
-26.6790, -28.6230

■ 101.5810,
-27.6420, -27.6900

■ 76.0970, -29.1550,
-27.8030

■ 49.6450, -33.6940,
-28.1420

■ 33.7500, -20.6280,

-22.6440

■ 19.9580, -9.3500,
-17.7820

■ 0.0000, 0.0000,
0.0000

■ 209.8860,
-27.1830, -30.5030

■ 209.8860,
-27.1830, -30.5030

■ 200.8860,
-36.3510, -40.5670

■ 218.8860,
-18.0150, -20.4390

■ 192.1850,
-44.9230, -50.4190

■ 227.5870, -9.4430,
-10.5870

■ 183.1850,
-54.0910, -60.4830

■ 236.5870, -0.2750,
-0.5230

■ 174.0710,
-62.9380, -70.8580

■ 244.2060, 5.5920,
8.7920

■ 165.0710,
-72.1060, -80.9220

■ 244.4340, 4.9500,
9.4140

■ 156.3700,
-80.6780, -90.7740

■ 147.7830,
-89.5710, -100.3150

Harmonies

Analogous

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



214.7730, 6.9280, -26.4480



209.8860, -27.1830, -30.5030



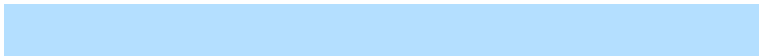
204.5740, -61.2950, -29.0310

Triad

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



209.8860, -27.1830, -30.5030



213.7910, -35.9000, 0.8360



213.5610, 38.1450, 8.0410

Complementary

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



209.8860, -27.1830, -30.5030



192.1140, 27.1830, 30.5030

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.



215.6760, 28.0560, 20.1840



209.8860, -27.1830, -30.5030



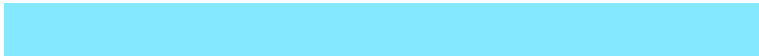
221.6970, -2.8000, 17.7120

Square

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



209.8860, -27.1830, -30.5030



205.3090, -67.2580, -14.5700



222.4870, 15.7670, 28.1430



216.6950, 43.0990, -4.6530

Rectangle

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



209.8860, -27.1830, -30.5030



202.4120, -78.2140, -25.2700



222.4870, 15.7670, 28.1430



213.6410, 35.1640, 12.5080

Sweetspot

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



209.8860, -27.1830, -30.5030



246.2990, -8.5720, -9.8520



221.9150, 9.4040, -27.2680



122.3750, -5.7300, -6.2900



0.0000, 0.0000, 0.0000



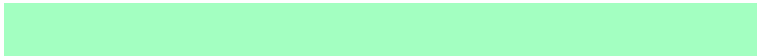
128.0000, -0.0000, -0.0000

Same Dimension

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



209.8860, -27.1830, -30.5030



220.4240, -34.9300, -38.7860



213.9900, -38.7390, -19.3070



112.7990, -3.9880, -4.8200



112.8590, -68.3930, -76.6250



33.6360, -20.3070, -22.9550

Inverse Universe

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



192.1140, 27.1830, 30.5030



197.6900, 34.6090, 39.0970



188.0100, 38.7390, 19.3070



110.2010, 3.9880, 4.8200



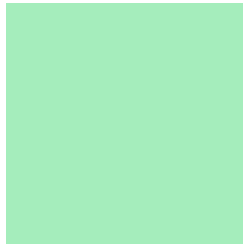
68.1410, 68.3930, 76.6250



20.2500, 20.6280, 22.6440

Previews

White Background



This preview shows how the YIQ color 209.8860, -27.1830, -30.5030 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 209.8860, -27.1830, -30.5030 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 209.8860, -27.1830, -30.5030 Background



This preview shows how black text looks on a background with the YIQ color 209.8860, -27.1830, -30.5030.



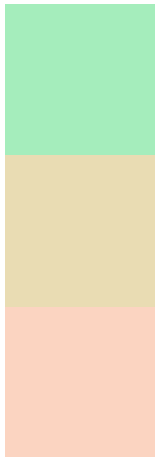
This preview shows how white text looks on a background with the YIQ color 209.8860, -27.1830, -30.5030.

-30.5030.

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

209.8860, -27.1830, -30.5030

Protanopia

219.2130, 20.9090, -9.9950

Deuteranopia

221.4950, 29.3430, 2.3590



Tritanopia

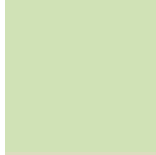
215.5040, -36.7700, -5.4260

Trichromacy



Original Color

209.8860, -27.1830, -30.5030



Protanomaly

215.6020, 3.3960, -17.5000



Deuteranomaly

217.2810, 9.0340, -9.5420



Tritanomaly

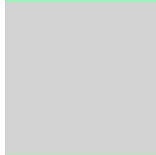
213.6750, -33.2380, -14.3740

Monochromacy



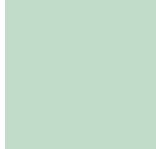
Original Color

209.8860, -27.1830, -30.5030



Achromatopsia

210.0000, 0.0000, 0.0000



Achromatomaly

210.1740, -9.7180, -11.1100

CSS Examples

Text

The CSS property to change the color of the text to YIQ 209.8860, -27.1830, -30.5030 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(165, 237, 188)` looks like.

```
.text, #text, p{  
    color:rgb(165, 237, 188)  
}
```

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(165, 237, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 237, 188) }
```

Border

The CSS property to change the border of an element to YIQ 209.8860, -27.1830, -30.5030 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(165, 237, 188) }
```


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

```
.border{ border-color:rgb(165, 237, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 237, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 237, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 237, 188);  
box-shadow:4px 4px 4px 4px rgb(165, 237,  
188) }
```

Background

The CSS property to change the background color of an element to YIQ 209.8860, -27.1830, -30.5030 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 237, 188) }
```

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

```
.background{ background-color: rgb(165,  
237, 188) }
```

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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