

Converting Colors

YIQ(201.8930, -29.0610,
-40.5250)

Have a look what the booklet for
YIQ(201.8930, -29.0610, -40.5250)
contains.

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Color

**YIQ(201.8930, -29.0610,
-40.5250)**

Conversions

Conversions Part 1

Format	Color
Hex	95ECA5
RGB	149, 236, 165
RGB Percent	58%, 93%, 65%
CMY	0.4159, 0.0743, 0.3530
CMYK	0.37, 0.00, 0.30, 0.07
HSL	131°, 70%, 75%
HSV	131°, 37%, 93%
XYZ	49.1788, 69.1114, 46.3378
YIQ	201.8930, -29.0610, -40.5250

Conversions

Conversions Part 2

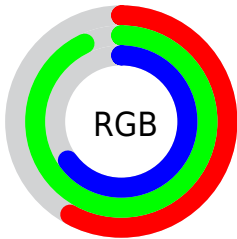
Format	Color
RYB	149, 222, 236
Decimal	9825445
CIELab	86.56, -40.66, 26.39
CIELCh	87, 48.473, 147.016
Yxy	69.1114, 0.2987, 0.4198
Android (android.graphics.Color)	4288015525 (0xFF95ECA5)
YUV	201.8930, -18.1882, -46.3872
Hunter-Lab	83.1333, -39.8888, 25.1455

Details

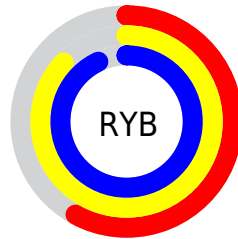
The YIQ color **201.8930, -29.0610, -40.5250** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **183.1070, 29.0610, 40.5250**, and the grayscale version is **202.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **236.3590, -17.9690, -21.2730**, and **146.6480, -29.7490, -39.0690** is the 20% darker color. If you saturate the color by 10%, you get **192.5510, -37.2660, -51.5220**, and if you desaturate by 10%, it is **211.2350, -20.8560, -29.5280**.

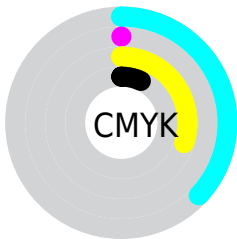
Distribution



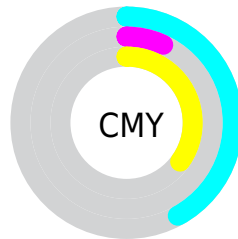
- Red (58%)
- Green (93%)
- Blue (65%)



- Red (58%)
- Yellow (87%)
- Blue (93%)



- Cyan (37%)
- Magenta (0%)
- Yellow (30%)
- Black (7%)



- Cyan (42%)
- Magenta (7%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 201.8930, -29.0610, -40.5250 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 201.8930, -29.0610, -40.5250 by changing the saturation by 10% instead.

■ 201.8930,
-29.0610, -40.5250

■ 201.8930,
-29.0610, -40.5250

■ 255.0000, -0.0000,
-0.0000

■ 174.0070,
-29.3820, -40.2140

■ 236.3590,
-17.9690, -21.2730

■ 146.6480,
-29.7490, -39.0690

■ 248.3360, -9.9940,
-6.1060

■ 118.9900,
-30.7120, -38.1360

■ 92.0220, -33.7380,
-38.3620

■ 63.3740, -40.6610,
-39.5490

■ 46.6640, -26.6780,
-34.1500

■ 30.5240, -14.3000,

-27.1960

■ 18.1970, -8.5250,
-16.2130

■ 0.0000, 0.0000,
0.0000

■ 201.8930,
-29.0610, -40.5250

■ 201.8930,
-29.0610, -40.5250

■ 192.5510,
-37.2660, -51.5220

■ 211.2350,
-20.8560, -29.5280

■ 183.3940,
-44.5540, -62.6180

■ 220.2780,
-13.2470, -18.7430

■ 174.0520,
-52.7590, -73.6150

■ 229.7340, -5.3630,
-7.4350

■ 165.0090,
-60.3680, -84.4000

■ 238.7770, 2.2460,
3.3500

■ 155.6670,
-68.5730, -95.3970

■ 243.8470, 5.2250,
9.9370

■ 146.2110,
-76.4570, -106.7050

■ 143.4340,
-78.7030, -110.0550

Harmonies

Analogous

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



208.8200, 16.7410, -33.5870



201.8930, -29.0610, -40.5250



189.6260, -85.4090, -43.5610

Triad

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



201.8930, -29.0610, -40.5250



201.2330, -60.9320, -8.0680



203.8440, 44.8380, 13.3980

Complementary

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



201.8930, -29.0610, -40.5250



183.1070, 29.0610, 40.5250

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.



207.9140, 30.6220, 28.7500



201.8930, -29.0610, -40.5250



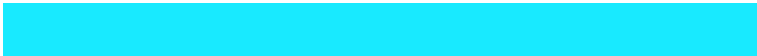
214.2770, -10.3650, 17.1470

Square

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



201.8930, -29.0610, -40.5250



173.6040, -131.9010, -37.9890



216.8450, 17.8750, 33.9950



207.3710, 52.8190, -4.5970

Rectangle

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



201.8930, -29.0610, -40.5250



169.0550, -143.9570, -50.7810



216.8450, 17.8750, 33.9950



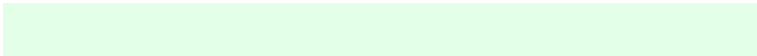
204.3800, 40.5730, 19.1090

Sweetspot

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



201.8930, -29.0610, -40.5250



244.0060, -9.3050, -13.0890



221.2980, 18.3910, -30.4490



121.3210, -5.6380, -7.9580



0.0000, 0.0000, 0.0000



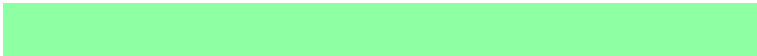
128.0000, -0.0000, -0.0000

Same Dimension

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



201.8930, -29.0610, -40.5250



211.0240, -37.2200, -52.3560



206.7950, -42.8640, -27.1520



112.6850, -3.6670, -5.1310



110.0090, -60.3680, -84.4000



32.8380, -18.0600, -25.1320

Inverse Universe

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



183.1070, 29.0610, 40.5250



186.8620, 37.5410, 52.0450



178.2050, 42.8640, 27.1520



110.3150, 3.6670, 5.1310



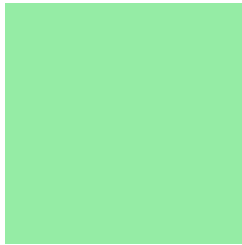
70.9910, 60.3680, 84.4000



21.1620, 18.0600, 25.1320

Previews

White Background



This preview shows how the YIQ color 201.8930, -29.0610, -40.5250 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 201.8930, -29.0610, -40.5250 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

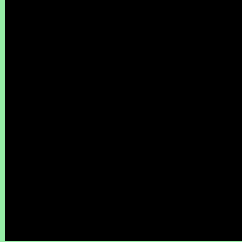
Any Text WCAG AA ✓ Pass

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 201.8930, -29.0610, -40.5250 Background



This preview shows how black text looks on a background with the YIQ color 201.8930, -29.0610, -40.5250.



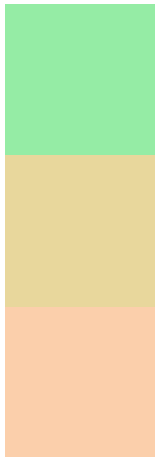
This preview shows how white text looks on a background with the YIQ color 201.8930, -29.0610, -40.5250.

-40.5250.

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

201.8930, -29.0610, -40.5250

Protanopia

213.3570, 29.0710, -14.7450

Deuteranopia

216.0520, 37.7800, -1.8680



Tritanopia

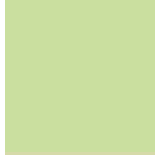
209.8130, -42.1340, -7.3340

Trichromacy



Original Color

201.8930, -29.0610, -40.5250



Protanomaly

209.4250, 8.0280, -24.3560



Deuteranomaly

211.2180, 13.3450, -16.0870



Tritanomaly

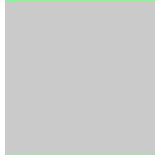
207.0610, -37.5010, -19.7170

Monochromacy



Original Color

201.8930, -29.0610, -40.5250



Achromatopsia

202.0000, -0.0000, 0.0000



Achromatomaly

201.8810, -10.4510, -14.3470

CSS Examples

Text

The CSS property to change the color of the text to YIQ 201.8930, -29.0610, -40.5250 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(149, 236, 165)` looks like.

```
.text, #text, p{  
    color:rgb(149, 236, 165)  
}
```

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(149, 236, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 236, 165) }
```

Border

The CSS property to change the border of an element to YIQ 201.8930, -29.0610, -40.5250 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(149, 236, 165) }
```


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

```
.border{ border-color:rgb(149, 236, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 236, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 236, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 236, 165);  
box-shadow:4px 4px 4px 4px rgb(149, 236,  
165) }
```

Background

The CSS property to change the background color of an element to YIQ 201.8930, -29.0610, -40.5250 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 236, 165) }
```

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

```
.background{ background-color: rgb(149,  
236, 165) }
```

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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