

Converting Colors

YIQ(209.6480, -29.7490,
-39.0690)

Have a look what the booklet for
YIQ(209.6480, -29.7490, -39.0690)
contains.

YIQ(209.6480, -29.7490, -39.0690)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(209.6480, -29.7490,
-39.0690)**

Conversions

Conversions Part 1

Format	Color
Hex	9DF3B0
RGB	157, 243, 176
RGB Percent	62%, 95%, 69%
CMY	0.3846, 0.0469, 0.3099
CMYK	0.35, 0.00, 0.28, 0.05
HSL	133°, 78%, 78%
HSV	133°, 35%, 95%
XYZ	53.7885, 74.4184, 52.5948
YIQ	209.6480, -29.7490, -39.0690

Conversions

Conversions Part 2

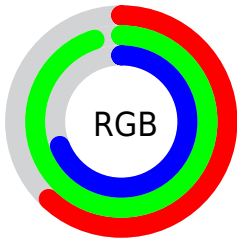
Format	Color
RYB	157, 227, 243
Decimal	10351536
CIELab	89.12, -39.53, 24.32
CIELCh	89, 46.409, 148.401
Yxy	74.4184, 0.2975, 0.4116
Android (android.graphics.Color)	4288541616 (0xFF9DF3B0)
YUV	209.6480, -16.5885, -46.1723
Hunter-Lab	86.2661, -39.6676, 24.2383

Details

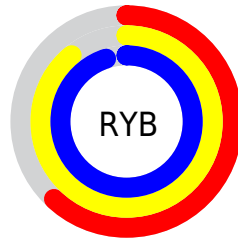
The YIQ color **209.6480, -29.7490, -39.0690** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **190.3520, 29.7490, 39.0690**, and the grayscale version is **210.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **240.1190, -17.0530, -15.8450**, and **153.7020, -29.8410, -37.4010** is the 20% darker color. If you saturate the color by 10%, you get **200.3060, -37.9540, -50.0660**, and if you desaturate by 10%, it is **218.9900, -21.5440, -28.0720**.

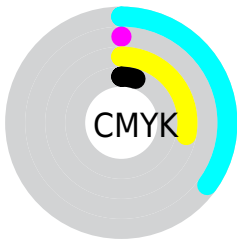
Distribution



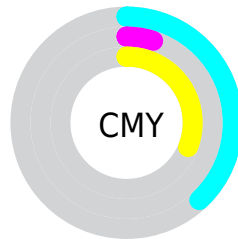
- Red (62%)
- Green (95%)
- Blue (69%)



- Red (62%)
- Yellow (89%)
- Blue (95%)



- Cyan (35%)
- Magenta (0%)
- Yellow (28%)
- Black (5%)



- Cyan (38%)
- Magenta (5%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 209.6480, -29.7490, -39.0690 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 209.6480, -29.7490, -39.0690 by changing the saturation by 10% instead.

■ 209.6480,
-29.7490, -39.0690

■ 209.6480,
-29.7490, -39.0690

■ 255.0000, -0.0000,
-0.0000

■ 181.1750,
-29.7950, -38.2350

■ 240.1190,
-17.0530, -15.8450

■ 153.7020,
-29.8410, -37.4010

■ 251.4120, -7.1520,
-2.5440

■ 126.9300,
-30.4830, -36.7790

■ 99.6740, -32.6380,
-36.2700

■ 70.9010, -40.7070,
-38.7150

■ 51.3260, -31.5380,
-34.1780

■ 34.5020, -17.2340,

-29.0900

■ 22.3060, -10.4500,
-19.8740

■ 0.0000, 0.0000,
0.0000

■ 209.6480,
-29.7490, -39.0690

■ 209.6480,
-29.7490, -39.0690

■ 200.3060,
-37.9540, -50.0660

■ 218.9900,
-21.5440, -28.0720

■ 190.6650,
-46.7550, -61.2750

■ 228.6310,
-12.7430, -16.8630

■ 181.3230,
-54.9600, -72.2720

■ 237.9730, -4.5380,
-5.8660

■ 171.9810,
-63.1650, -83.2690

■ 247.3150, 3.6670,
5.1310

■ 162.3400,
-71.9660, -94.4780

■ 247.9560, 3.3000,
6.2760

■ 152.9980,
-80.1710, -105.4750

■ 148.7970,
-84.1590, -110.2950

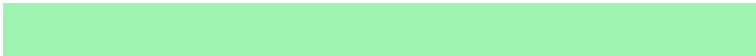
Harmonies

Analogous

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



216.5640, 14.5860, -33.0780



209.6480, -29.7490, -39.0690



199.0720, -80.7330, -40.1970

Triad

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



209.6480, -29.7490, -39.0690



209.8380, -52.4500, -7.6020



210.5120, 39.8410, 10.3450

Complementary

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



209.6480, -29.7490, -39.0690



190.3520, 29.7490, 39.0690

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.



213.7670, 26.5420, 25.5980



209.6480, -29.7490, -39.0690



221.3760, -6.3300, 15.6060

Square

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



209.6480, -29.7490, -39.0690



192.6630, -104.0260, -31.0500



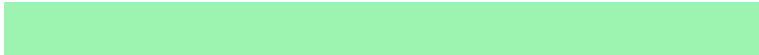
221.5410, 15.6750, 29.8110



213.6800, 47.4550, -6.5050

Rectangle

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



209.6480, -29.7490, -39.0690



188.7380, -117.7790, -40.6190



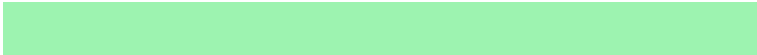
221.5410, 15.6750, 29.8110



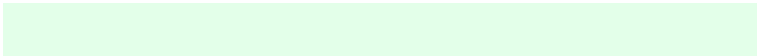
210.3470, 36.1720, 16.2680

Sweetspot

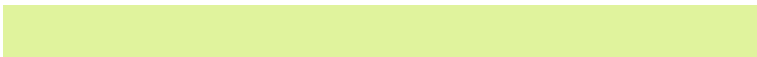
The Sweet Spot groups the original color and five complimentary colors.



209.6480, -29.7490, -39.0690



244.1200, -9.6260, -12.7780



227.5150, 16.2820, -30.7740



121.4350, -5.9590, -7.6470



0.0000, 0.0000, 0.0000



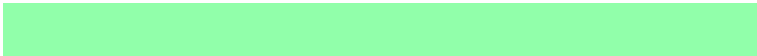
128.0000, -0.0000, -0.0000

Same Dimension

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



209.6480, -29.7490, -39.0690



212.4200, -38.2750, -49.7550



214.5500, -43.5520, -25.6960



117.3860, -4.2630, -5.3430



113.8560, -64.3110, -84.5270



36.1150, -20.3980, -26.8140

Inverse Universe

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



190.3520, 29.7490, 39.0690



187.6940, 37.9540, 50.0660



185.4500, 43.5520, 25.6960



114.7280, 3.9420, 5.6540



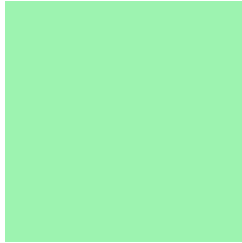
72.1440, 64.3110, 84.5270



22.8850, 20.3980, 26.8140

Previews

White Background



This preview shows how the YIQ color 209.6480, -29.7490, -39.0690 looks on a white background.

Color Contrast Check

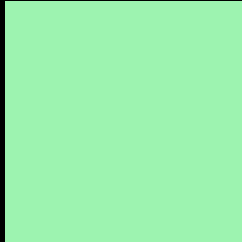
Large Text (above 18pt) WCAG AA × Fail

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 209.6480, -29.7490, -39.0690 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 209.6480, -29.7490, -39.0690 Background



This preview shows how black text looks on a background with the YIQ color 209.6480, -29.7490, -39.0690.



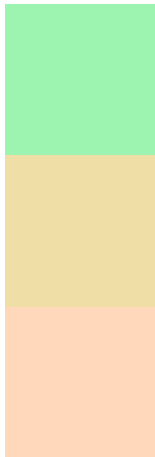
This preview shows how white text looks on a background with the YIQ color 209.6480, -29.7490, -39.0690.

-39.0690.

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

209.6480, -29.7490, -39.0690

Protanopia

221.4000, 27.5120, -14.0240

Deuteranopia

223.7680, 32.8280, -0.2280



Tritanopia

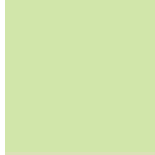
216.9270, -42.4550, -7.0230

Trichromacy



Original Color

209.6480, -29.7490, -39.0690



Protanomaly

216.8810, 6.7440, -23.1120



Deuteranomaly

218.4180, 9.9060, -14.3340



Tritanomaly

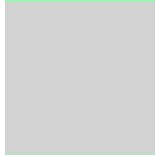
214.5880, -37.5470, -18.8830

Monochromacy



Original Color

209.6480, -29.7490, -39.0690



Achromatopsia

210.0000, 0.0000, 0.0000



Achromatomaly

209.9950, -10.7720, -14.0360

CSS Examples

Text

The CSS property to change the color of the text to YIQ 209.6480, -29.7490, -39.0690 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(157, 243, 176)` looks like.

```
.text, #text, p{  
    color:rgb(157, 243, 176)  
}
```

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(157, 243, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 243, 176) }
```

Border

The CSS property to change the border of an element to YIQ 209.6480, -29.7490, -39.0690 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(157, 243, 176) }
```


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

```
.border{ border-color:rgb(157, 243, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 243, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 243, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 243, 176);  
box-shadow:4px 4px 4px 4px rgb(157, 243,  
176) }
```

Background

The CSS property to change the background color of an element to YIQ 209.6480, -29.7490, -39.0690 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 243, 176) }
```

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

```
.background{ background-color: rgb(157,  
243, 176) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor