

Converting Colors

YIQ(209.0160, -41.6280,
-16.5080)

Have a look what the booklet for
YIQ(209.0160, -41.6280, -16.5080)
contains.

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Color

**YIQ(209.0160, -41.6280,
-16.5080)**

Conversions

Conversions Part 1

Format	Color
Hex	9FE7E3
RGB	159, 231, 227
RGB Percent	62%, 91%, 89%
CMY	0.3766, 0.0940, 0.1100
CMYK	0.31, 0.00, 0.02, 0.09
HSL	177°, 60%, 76%
HSV	177°, 31%, 91%
XYZ	56.7331, 70.0789, 83.1796
YIQ	209.0160, -41.6280, -16.5080

Conversions

Conversions Part 2

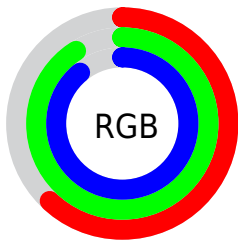
Format	Color
RYB	159, 196, 231
Decimal	10479587
CIELab	87.04, -23.13, -5.18
CIELCh	87, 23.705, 192.630
Yxy	70.0789, 0.2702, 0.3337
Android (android.graphics.Color)	4288669667 (0xFF9FE7E3)
YUV	209.0160, 8.8661, -43.8640
Hunter-Lab	83.7132, -25.5271, -0.3129

Details

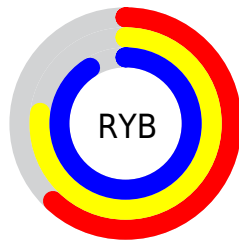
The YIQ color **209.0160, -41.6280, -16.5080** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **180.9840, 41.6280, 16.5080**, and the grayscale version is **209.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **243.3390, -23.2440, -8.2680**, and **153.4290, -41.3530, -15.9850** is the 20% darker color. If you saturate the color by 10%, you get **202.0250, -55.0150, -21.6950**, and if you desaturate by 10%, it is **216.0070, -28.2410, -11.3210**.

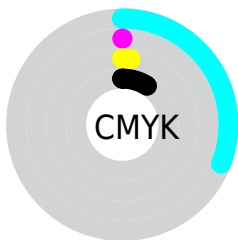
Distribution



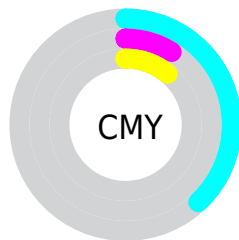
- Red (62%)
- Green (91%)
- Blue (89%)



- Red (62%)
- Yellow (77%)
- Blue (91%)



- Cyan (31%)
- Magenta (0%)
- Yellow (2%)
- Black (9%)



- Cyan (38%)
- Magenta (9%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 209.0160, -41.6280, -16.5080 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 209.0160, -41.6280, -16.5080 by changing the saturation by 10% instead.

■ 209.0160,
-41.6280, -16.5080

■ 209.0160,
-41.6280, -16.5080

■ 255.0000, -0.0000,
-0.0000

■ 181.0160,
-41.6280, -16.5080

■ 243.3390,
-23.2440, -8.2680

■ 153.4290,
-41.3530, -15.9850

■ 252.0100, -5.9600,
-2.1200

■ 126.4290,
-41.3530, -15.9850

■ 100.2440,
-42.2700, -15.8860

■ 72.8520, -47.0380,
-17.5820

■ 50.9450, -42.8660,
-16.0980

■ 34.9360, -29.4790,

-10.9110

■ 21.3890, -17.5130,
-7.5050

■ 0.0000, 0.0000,
0.0000

■ 209.0160,
-41.6280, -16.5080

■ 209.0160,
-41.6280, -16.5080

■ 202.0250,
-55.0150, -21.6950

■ 216.0070,
-28.2410, -11.3210

■ 194.9200,
-68.0810, -27.1930

■ 223.1120,
-15.1750, -5.8230

■ 187.9290,
-81.4680, -32.3800

■ 230.1030, -1.7880,
-0.6360

■ 180.9380,
-94.8550, -37.5670

■ 237.0940, 11.5990,
4.5510

■ 173.5340,
-108.5170, -43.2770

■ 238.4040, 13.6620,
5.7100

■ 166.5430,
-121.9040, -48.4640

■ 238.6320, 13.0200,
6.3320

■ 160.4490,
-133.5030, -53.0150

■ 238.7460, 12.6990,
6.6430

■ 238.8600, 12.3780,
6.9540

■ 239.0880, 11.7360,
7.5760

Harmonies

Analogous

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



210.5910, -24.4340, -19.7460



209.0160, -41.6280, -16.5080



209.9370, -48.4150, -9.1430

Triad

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



209.0160, -41.6280, -16.5080



221.2630, 1.4180, 18.3620



218.3610, 32.4160, -3.7760

Complementary

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



209.0160, -41.6280, -16.5080



180.9840, 41.6280, 16.5080

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.



218.5990, 34.9820, 4.7900



209.0160, -41.6280, -16.5080



222.4410, 21.4080, 19.5200

Square

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



209.0160, -41.6280, -16.5080



217.7440, -19.3500, 9.2740



218.6450, 29.3410, 13.4130



216.2510, 17.7460, -13.2460

Rectangle

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



209.0160, -41.6280, -16.5080



211.9640, -43.8770, -3.2770



218.6450, 29.3410, 13.4130



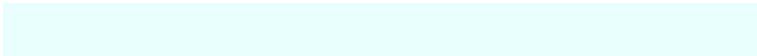
219.3230, 35.5790, -0.5250

Sweetspot

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



209.0160, -41.6280, -16.5080



248.0090, -13.3870, -5.1870



202.7590, -16.8200, -36.5960



123.4010, -8.6190, -3.4910



0.0000, 0.0000, 0.0000



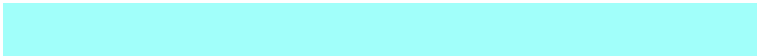
128.0000, -0.0000, -0.0000

Same Dimension

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



209.0160, -41.6280, -16.5080



226.3240, -54.4190, -21.4830



191.2750, -34.3870, 0.9490



111.2980, -6.8310, -2.8550



124.2250, -103.1530, -41.3690



35.4090, -29.4330, -11.7450

Inverse Universe

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



180.9840, 41.6280, 16.5080



189.6760, 54.4190, 21.4830



198.7250, 34.3870, -0.9490



106.7020, 6.8310, 2.8550



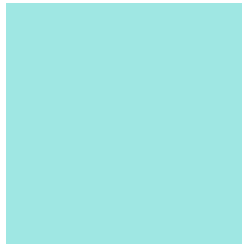
54.6610, 103.4740, 41.0580



15.5910, 29.4330, 11.7450

Previews

White Background



This preview shows how the YIQ color 209.0160, -41.6280, -16.5080 looks on a white background.

Color Contrast Check

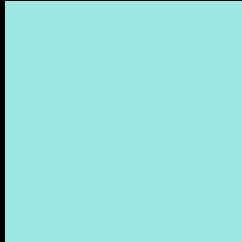
Large Text (above 18pt) WCAG AA × Fail

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 209.0160, -41.6280, -16.5080 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

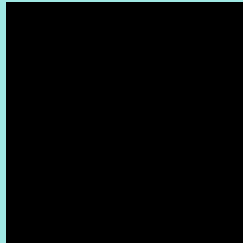
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

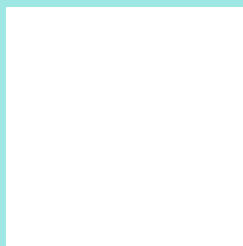
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 209.0160, -41.6280, -16.5080 Background



This preview shows how black text looks on a background with the YIQ color 209.0160, -41.6280, -16.5080.



This preview shows how white text looks on a background with the YIQ color 209.0160, -41.6280, -16.5080.

-16.5080.

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

209.0160, -41.6280, -16.5080

Protanopia

217.4240, 1.7420, 1.4700

Deuteranopia

219.5590, 6.0960, 10.6720



Tritanopia

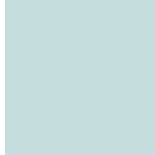
210.6170, -44.5180, -8.1820

Trichromacy



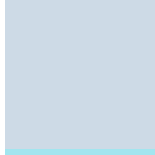
Original Color

209.0160, -41.6280, -16.5080



Protanomaly

214.1230, -13.7080, -4.8760



Deuteranomaly

215.4810, -11.6000, 0.9760



Tritanomaly

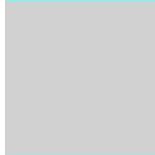
210.1070, -43.1420, -11.0940

Monochromacy



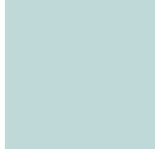
Original Color

209.0160, -41.6280, -16.5080



Achromatopsia

209.0000, 0.0000, 0.0000



Achromatomaly

209.1120, -15.1750, -5.8230

CSS Examples

Text

The CSS property to change the color of the text to YIQ 209.0160, -41.6280, -16.5080 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(159, 231, 227)` looks like.

```
.text, #text, p{  
    color:rgb(159, 231, 227)  
}
```

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(159, 231, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 231, 227) }
```

Border

The CSS property to change the border of an element to YIQ 209.0160, -41.6280, -16.5080 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(159, 231, 227) }
```


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

```
.border{ border-color:rgb(159, 231, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 231, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(159, 231, 227); -webkit-box-shadow:4px 4px 4px 4px rgb(159, 231, 227); box-shadow:4px 4px 4px 4px rgb(159, 231, 227) }
```

Background

The CSS property to change the background color of an element to YIQ 209.0160, -41.6280, -16.5080 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 231, 227) }
```

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

```
.background{ background-color: rgb(159,  
231, 227) }
```

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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