

Converting Colors

YIQ(199.9820, -27.0930,
-21.1170)

Have a look what the booklet for
YIQ(199.9820, -27.0930, -21.1170)
contains.

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Color

**YIQ(199.9820, -27.0930,
-21.1170)**

Conversions

Conversions Part 1

Format	Color
Hex	A1DDC2
RGB	161, 221, 194
RGB Percent	63%, 87%, 76%
CMY	0.3688, 0.1332, 0.2393
CMYK	0.27, 0.00, 0.12, 0.13
HSL	153°, 47%, 75%
HSV	153°, 27%, 87%
XYZ	50.2880, 63.1931, 60.5730
YIQ	199.9820, -27.0930, -21.1170

Conversions

Conversions Part 2

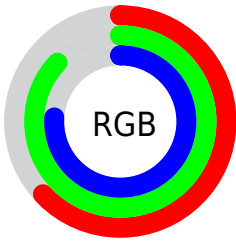
Format	Color
RYB	161, 200, 221
Decimal	10608066
CIELab	83.54, -24.67, 7.14
CIELCh	84, 25.680, 163.860
Yxy	63.1931, 0.2889, 0.3631
Android (android.graphics.Color)	4288798146 (0xFFA1DDC2)
YUV	199.9820, -2.9491, -34.1872
Hunter-Lab	79.4941, -26.1955, 10.4680

Details

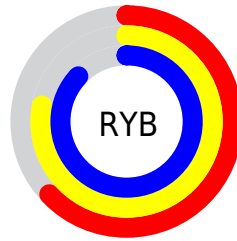
The YIQ color **199.9820, -27.0930, -21.1170** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **182.0180, 27.0930, 21.1170**, and the grayscale version is **200.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **243.0680, -21.0430, -9.6110**, and **145.6940, -26.2220, -20.3820** is the 20% darker color. If you saturate the color by 10%, you get **192.2640, -36.9950, -28.8910**, and if you desaturate by 10%, it is **207.7000, -17.1910, -13.3430**.

Distribution



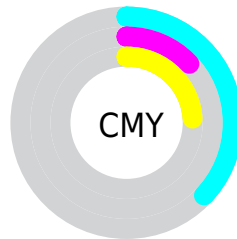
- Red (63%)
- Green (87%)
- Blue (76%)



- Red (63%)
- Yellow (78%)
- Blue (87%)



- Cyan (27%)
- Magenta (0%)
- Yellow (12%)
- Black (13%)



- Cyan (37%)
- Magenta (13%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 199.9820, -27.0930, -21.1170 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 199.9820, -27.0930, -21.1170 by changing the saturation by 10% instead.

■ 199.9820,
-27.0930, -21.1170

■ 199.9820,
-27.0930, -21.1170

■ 255.0000, -0.0000,
-0.0000

■ 172.3950,
-26.8180, -20.5940

■ 243.0680,
-21.0430, -9.6110

■ 145.6940,
-26.2220, -20.3820

■ 252.3090, -5.3640,
-1.9080

■ 119.2210,
-26.2680, -19.5480

■ 93.6340, -25.9930,
-19.0250

■ 69.1500, -27.5060,
-19.1380

■ 43.2850, -32.3200,
-20.0000

■ 27.3900, -19.2540,

-14.5020

■ 12.3270, -5.7750,
-10.9830

■ 0.0000, 0.0000,
0.0000

■ 199.9820,
-27.0930, -21.1170

■ 199.9820,
-27.0930, -21.1170

■ 192.2640,
-36.9950, -28.8910

■ 207.7000,
-17.1910, -13.3430

■ 184.5460,
-46.8970, -36.6650

■ 215.4180, -7.2890,
-5.5690

■ 176.8280,
-56.7990, -44.4390

■ 223.1360, 2.6130,
2.2050

■ 169.1100,
-66.7010, -52.2130

■ 230.8540, 12.5150,
9.9790

■ 161.0930,
-77.1990, -60.1990

■ 233.7880, 12.8810,
14.3610

■ 153.3750,
-87.1010, -67.9730

■ 234.9280, 9.6710,
17.4710

■ 145.6570,
-97.0030, -75.7470

■ 235.0420, 9.3500,
17.7820

■ 143.5210,
-99.6160, -77.9520

Harmonies

Analogous

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



203.0140, -3.7560, -20.0440



199.9820, -27.0930, -21.1170



198.0370, -46.1210, -17.6810

Triad

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



199.9820, -27.0930, -21.1170



208.8840, -22.5600, 12.3840



210.4750, 41.2630, 6.5990

Complementary

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



199.9820, -27.0930, -21.1170



182.0180, 27.0930, 21.1170

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.



210.9340, 35.8970, 15.7450



199.9820, -27.0930, -21.1170



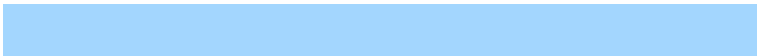
211.5020, 2.2430, 19.9310

Square

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



199.9820, -27.0930, -21.1170



203.3110, -43.2360, 1.6280



212.1640, 23.7460, 21.2020



208.2040, 34.2960, -4.8080

Rectangle

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



199.9820, -27.0930, -21.1170



198.2630, -52.4490, -13.1290



212.1640, 23.7460, 21.2020



210.2840, 40.4830, 9.7230

Sweetspot

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



199.9820, -27.0930, -21.1170



247.9940, -9.0310, -7.0390



204.5920, 0.1880, -25.4440



123.4290, -5.8220, -4.6220



0.0000, 0.0000, 0.0000



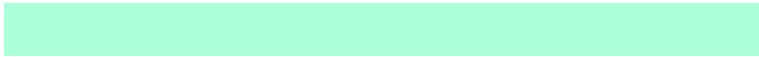
128.0000, -0.0000, -0.0000

Same Dimension

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



199.9820, -27.0930, -21.1170



225.5520, -37.8660, -29.6260



201.8860, -35.2100, -11.6740



106.1410, -4.9510, -3.8870



112.3810, -78.0700, -60.9340



29.8520, -20.6750, -16.2830

Inverse Universe

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



182.0180, 27.0930, 21.1170



200.4480, 37.8660, 29.6260



180.1140, 35.2100, 11.6740



102.8590, 4.9510, 3.8870



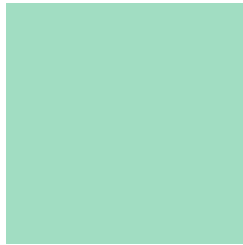
60.6190, 78.0700, 60.9340



16.1480, 20.6750, 16.2830

Previews

White Background



This preview shows how the YIQ color 199.9820, -27.0930, -21.1170 looks on a white background.

Color Contrast Check

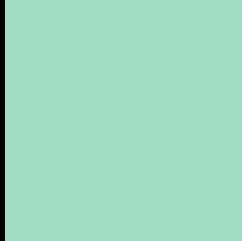
Large Text (above 18pt) WCAG AA × Fail

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 199.9820, -27.0930, -21.1170 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

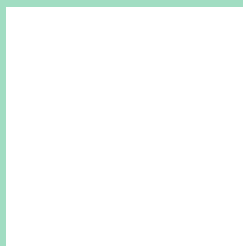
Any Text WCAG AAA ✓ Pass

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

YIQ 199.9820, -27.0930, -21.1170 Background



This preview shows how black text looks on a background with the YIQ color 199.9820, -27.0930, -21.1170.



This preview shows how white text looks on a background with the YIQ color 199.9820, -27.0930, -21.1170.

-21.1170.

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

199.9820, -27.0930, -21.1170

Protanopia

207.2970, 12.1050, -4.6230

Deuteranopia

209.0410, 19.1180, 5.9500



Tritanopia

203.2980, -33.1940, -4.1540

Trichromacy



Original Color

199.9820, -27.0930, -21.1170

Protanomaly

204.5940, -2.1530, -10.5450

Deuteranomaly

206.1480, 2.3390, -3.8450

Tritanomaly

201.9790, -31.0380, -10.1900

Monochromacy



Original Color

199.9820, -27.0930, -21.1170

Achromatopsia

200.0000, -0.0000, -0.0000

Achromatomaly

200.2820, -9.9020, -7.7740

CSS Examples

Text

The CSS property to change the color of the text to YIQ 199.9820, -27.0930, -21.1170 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(161, 221, 194)` looks like.

```
.text, #text, p{  
    color:rgb(161, 221, 194)  
}
```

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(161, 221, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 221, 194) }
```

Border

The CSS property to change the border of an element to YIQ 199.9820, -27.0930, -21.1170 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(161, 221, 194) }
```


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

```
.border{ border-color:rgb(161, 221, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 221, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 221, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 221, 194);  
box-shadow:4px 4px 4px 4px rgb(161, 221,  
194) }
```

Background

The CSS property to change the background color of an element to YIQ 199.9820, -27.0930, -21.1170 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 221, 194) }
```

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

```
.background{ background-color: rgb(161,  
221, 194) }
```

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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