

Converting Colors

YIQ(195.9000, -29.7980,
-21.6540)

Have a look what the booklet for
YIQ(195.9000, -29.7980, -21.6540)
contains.

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Color

**YIQ(195.9000, -29.7980,
-21.6540)**

Conversions

Conversions Part 1

Format	Color
Hex	9ADAC0
RGB	154, 218, 192
RGB Percent	60%, 85%, 75%
CMY	0.3962, 0.1450, 0.2472
CMYK	0.29, 0.00, 0.12, 0.14
HSL	156°, 46%, 73%
HSV	156°, 29%, 86%
XYZ	47.9083, 60.8272, 59.0704
YIQ	195.9000, -29.7980, -21.6540

Conversions

Conversions Part 2

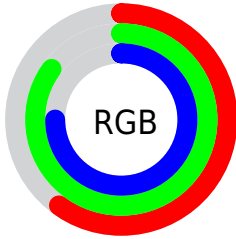
Format	Color
RYB	154, 194, 218
Decimal	10148544
CIELab	82.29, -25.73, 6.34
CIELCh	82, 26.497, 166.154
Yxy	60.8272, 0.2855, 0.3625
Android (android.graphics.Color)	4288338624 (0xFF9ADAC0)
YUV	195.9000, -1.9227, -36.7463
Hunter-Lab	77.9918, -26.8379, 9.6884

Details

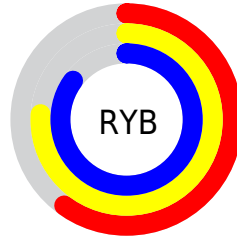
The YIQ color **195.9000, -29.7980, -21.6540** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **176.1000, 29.7980, 21.6540**, and the grayscale version is **196.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **240.7470, -24.5730, -11.7170**, and **141.7260, -29.2480, -20.6080** is the 20% darker color. If you saturate the color by 10%, you get **188.2960, -40.0210, -29.1170**, and if you desaturate by 10%, it is **203.5040, -19.5750, -14.1910**.

Distribution



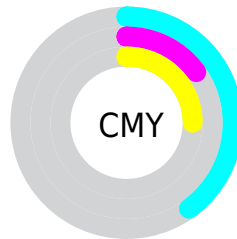
- Red (60%)
- Green (85%)
- Blue (75%)



- Red (60%)
- Yellow (76%)
- Blue (85%)



- Cyan (29%)
- Magenta (0%)
- Yellow (12%)
- Black (14%)



- Cyan (40%)
- Magenta (15%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 195.9000, -29.7980, -21.6540 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 195.9000, -29.7980, -21.6540 by changing the saturation by 10% instead.

■ 195.9000,
-29.7980, -21.6540

■ 195.9000,
-29.7980, -21.6540

■ 255.0000, -0.0000,
-0.0000

■ 168.3130,
-29.5230, -21.1310

■ 240.7470,
-24.5730, -11.7170

■ 141.7260,
-29.2480, -20.6080

■ 250.2160, -9.5360,
-3.3920

■ 115.1390,
-28.9730, -20.0850

■ 89.9540, -29.8900,
-19.9860

■ 64.4700, -31.4030,
-20.0990

■ 41.2960, -30.8530,
-19.0530

■ 26.1020, -18.3830,

-13.7670

■ 8.8050, -4.1250,
-7.8450

■ 0.0000, 0.0000,
0.0000

■ 195.9000,
-29.7980, -21.6540

■ 195.9000,
-29.7980, -21.6540

■ 188.2960,
-40.0210, -29.1170

■ 203.5040,
-19.5750, -14.1910

■ 180.6920,
-50.2440, -36.5800

■ 211.1080, -9.3520,
-6.7280

■ 173.3870,
-59.8710, -43.8310

■ 218.4130, 0.2750,
0.5230

■ 165.8970,
-70.4150, -50.9830

■ 225.9030, 10.8190,
7.6750

■ 158.2930,
-80.6380, -58.4460

■ 231.1150, 16.2740,
13.4420

■ 150.6890,
-90.8610, -65.9090

■ 232.1410, 13.3850,
16.2410

■ 143.0850,
-101.0840, -73.3720

■ 233.1670, 10.4960,
19.0400

■ 142.6720,
-101.3590, -73.8950

■ 233.2810, 10.1750,
19.3510

Harmonies

Analogous

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



199.1170, -5.5440, -20.6800



195.9000, -29.7980, -21.6540



194.0690, -49.1470, -17.9070

Triad

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



195.9000, -29.7980, -21.6540



205.0090, -21.4140, 13.6420



206.5460, 42.5010, 6.1890

Complementary

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



195.9000, -29.7980, -21.6540



176.1000, 29.7980, 21.6540

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.



207.9020, 38.9230, 15.9710



195.9000, -29.7980, -21.6540



208.3990, 4.0310, 20.5670

Square

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



195.9000, -29.7980, -21.6540



199.8380, -43.2820, 2.4620



208.9470, 25.8550, 21.5270



204.6770, 34.3420, -5.6420

Rectangle

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



195.9000, -29.7980, -21.6540



194.0070, -54.6040, -12.6200



208.9470, 25.8550, 21.5270



207.5400, 42.6380, 9.2140

Sweetspot

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



195.9000, -29.7980, -21.6540



247.0970, -10.8190, -7.6750



199.6410, -1.5080, -27.7480



122.8310, -7.0140, -5.0460



0.0000, 0.0000, 0.0000



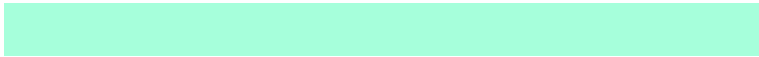
128.0000, -0.0000, -0.0000

Same Dimension

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



195.9000, -29.7980, -21.6540



224.2850, -41.4880, -30.0640



195.9290, -36.7690, -10.9530



106.1410, -4.9510, -3.8870



113.2930, -80.6380, -58.4460



30.0800, -21.3170, -15.6610

Inverse Universe

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



176.1000, 29.7980, 21.6540



196.7150, 41.4880, 30.0640



176.0710, 36.7690, 10.9530



102.7450, 5.2720, 3.5760



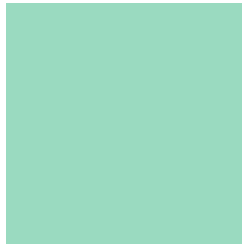
59.8210, 80.3170, 58.7570



15.9200, 21.3170, 15.6610

Previews

White Background



This preview shows how the YIQ color 195.9000, -29.7980, -21.6540 looks on a white background.

Color Contrast Check

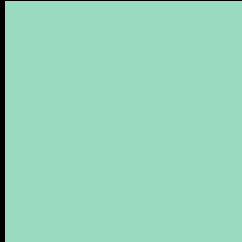
Large Text (above 18pt) WCAG AA × Fail

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 195.9000, -29.7980, -21.6540 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

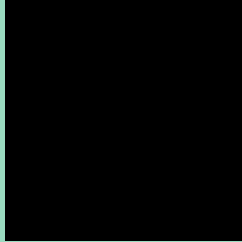
Any Text WCAG AA ✓ Pass

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 195.9000, -29.7980, -21.6540 Background



This preview shows how black text looks on a background with the YIQ color 195.9000, -29.7980, -21.6540.



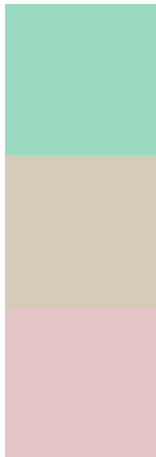
This preview shows how white text looks on a background with the YIQ color 195.9000, -29.7980, -21.6540.

-21.6540.

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

195.9000, -29.7980, -21.6540

Protanopia

203.5250, 11.4630, -4.0010

Deuteranopia

205.5570, 17.6050, 5.8370



Tritanopia

199.6890, -35.8530, -5.5250

Trichromacy



Original Color

195.9000, -29.7980, -21.6540



Protanomaly

200.5230, -3.3910, -10.1350



Deuteranomaly

202.3650, 0.2300, -4.1700



Tritanomaly

198.3700, -33.6970, -11.5610

Monochromacy



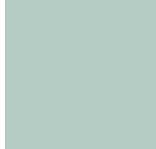
Original Color

195.9000, -29.7980, -21.6540



Achromatopsia

196.0000, -0.0000, -0.0000



Achromatomaly

196.0970, -10.8190, -7.6750

CSS Examples

Text

The CSS property to change the color of the text to YIQ 195.9000, -29.7980, -21.6540 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(154, 218, 192)` looks like.

```
.text, #text, p{  
    color:rgb(154, 218, 192)  
}
```

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(154, 218, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 218, 192) }
```

Border

The CSS property to change the border of an element to YIQ 195.9000, -29.7980, -21.6540 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(154, 218, 192) }
```


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

```
.border{ border-color:rgb(154, 218, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 218, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 218, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 218, 192);  
box-shadow:4px 4px 4px 4px rgb(154, 218,  
192) }
```

Background

The CSS property to change the background color of an element to YIQ 195.9000, -29.7980, -21.6540 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 218, 192) }
```

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

```
.background{ background-color: rgb(154,  
218, 192) }
```

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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