

Converting Colors

YIQ(195.9430, -31.3570,
-20.9330)

Have a look what the booklet for
YIQ(195.9430, -31.3570, -20.9330)
contains.

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Color

**YIQ(195.9430, -31.3570,
-20.9330)**

Conversions

Conversions Part 1

Format	Color
Hex	99DAC3
RGB	153, 218, 195
RGB Percent	60%, 85%, 76%
CMY	0.4002, 0.1450, 0.2354
CMYK	0.30, 0.00, 0.11, 0.14
HSL	159°, 47%, 73%
HSV	159°, 30%, 86%
XYZ	48.0545, 60.8640, 60.8288
YIQ	195.9430, -31.3570, -20.9330

Conversions

Conversions Part 2

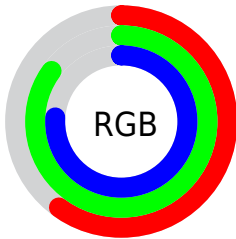
Format	Color
RYB	153, 192, 218
Decimal	10083011
CIELab	82.31, -25.41, 4.77
CIElCh	82, 25.852, 169.362
Yxy	60.8640, 0.2831, 0.3586
Android (android.graphics.Color)	4288273091 (0xFF99DAC3)
YUV	195.9430, -0.4649, -37.6610
Hunter-Lab	78.0154, -26.5777, 8.3822

Details

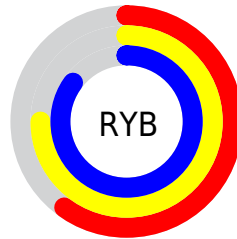
The YIQ color **195.9430, -31.3570, -20.9330** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **175.0570, 31.3570, 20.9330**, and the grayscale version is **196.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **240.9040, -26.4530, -10.6850**, and **141.6550, -30.4860, -20.1980** is the 20% darker color. If you saturate the color by 10%, you get **188.4530, -41.9010, -28.0850**, and if you desaturate by 10%, it is **203.4330, -20.8130, -13.7810**.

Distribution



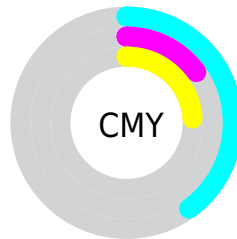
- Red (60%)
- Green (85%)
- Blue (76%)



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



- Cyan (30%)
- Magenta (0%)
- Yellow (11%)
- Black (14%)



- Cyan (40%)
- Magenta (15%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 195.9430, -31.3570, -20.9330 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 195.9430, -31.3570, -20.9330 by changing the saturation by 10% instead.

■ 195.9430,
-31.3570, -20.9330

■ 195.9430,
-31.3570, -20.9330

■ 255.0000, -0.0000,
-0.0000

■ 168.3560,
-31.0820, -20.4100

■ 240.7900,
-26.1320, -10.9960

■ 141.6550,
-30.4860, -20.1980

■ 249.9170,
-10.1320, -3.6040

■ 115.1820,
-30.5320, -19.3640

■ 89.8830, -31.1280,
-19.5760

■ 63.9150, -34.1540,
-19.8020

■ 41.6380, -31.8160,
-18.1200

■ 26.3300, -19.0250,

-13.1450

■ 8.8050, -4.1250,
-7.8450

■ 0.0000, 0.0000,
0.0000

■ 195.9430,
-31.3570, -20.9330

■ 195.9430,
-31.3570, -20.9330

■ 188.4530,
-41.9010, -28.0850

■ 203.4330,
-20.8130, -13.7810

■ 181.0770,
-52.7660, -34.9260

■ 210.8090, -9.9480,
-6.9400

■ 173.8860,
-62.7140, -41.8660

■ 218.0000, -0.0000,
0.0000

■ 166.3960,
-73.2580, -49.0180

■ 225.4900, 10.5440,
7.1520

■ 158.9060,
-83.8020, -56.1700

■ 230.8870, 16.9160,
12.8200

■ 151.5300,
-94.6670, -63.0110

■ 231.6850, 14.6690,
14.9970

■ 144.0400,
-105.2110, -70.1630

■ 232.5970, 12.1010,
17.4850

■ 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.



198.8610, -7.6990, -20.1710



195.9430, -31.3570, -20.9330



194.0090, -48.9180, -16.5500

Triad

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



195.9430, -31.3570, -20.9330



205.9770, -18.3880, 13.8680



207.0080, 41.0800, 4.4080

Complementary

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



195.9430, -31.3570, -20.9330



175.0570, 31.3570, 20.9330

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.



208.2610, 39.2900, 14.8260



195.9430, -31.3570, -20.9330



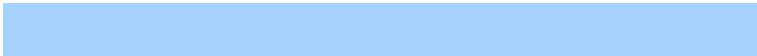
208.4810, 6.7360, 21.1040

Square

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



195.9430, -31.3570, -20.9330



201.3330, -40.3020, 3.5220



208.9040, 27.4140, 20.8060



204.3670, 32.2790, -6.8010

Rectangle

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



195.9430, -31.3570, -20.9330



195.1320, -53.4580, -11.3620



208.9040, 27.4140, 20.8060



207.4150, 41.4920, 7.9560

Sweetspot

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



195.9430, -31.3570, -20.9330



247.2110, -11.1400, -7.3640



198.3310, -3.5710, -28.9070



122.9450, -7.3350, -4.7350



0.0000, 0.0000, 0.0000



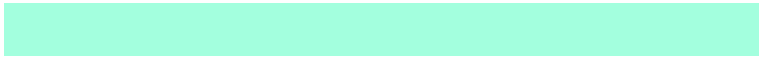
128.0000, -0.0000, -0.0000

Same Dimension

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



195.9430, -31.3570, -20.9330



223.7300, -44.2390, -29.7670



193.2820, -36.2650, -9.0730



106.2550, -5.2720, -3.5760



114.3190, -83.5270, -55.6470



30.4220, -22.2800, -14.7280

Inverse Universe

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



175.0570, 31.3570, 20.9330



194.2700, 44.2390, 29.7670



177.7180, 36.2650, 9.0730



102.7450, 5.2720, 3.5760



58.6810, 83.5270, 55.6470



15.5780, 22.2800, 14.7280

Previews

White Background



This preview shows how the YIQ color 195.9430, -31.3570, -20.9330 looks on a white background.

Color Contrast Check

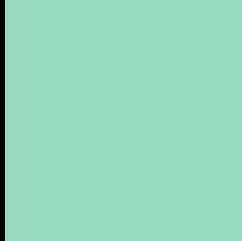
Large Text (above 18pt) WCAG AA × Fail

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 195.9430, -31.3570, -20.9330 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

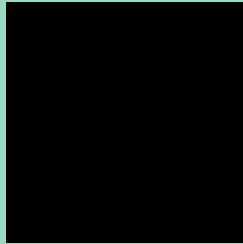
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

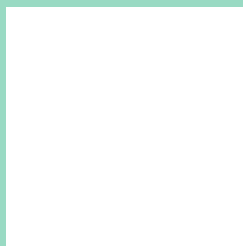
Any Text WCAG AAA ✓ Pass

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

YIQ 195.9430, -31.3570, -20.9330 Background



This preview shows how black text looks on a background with the YIQ color 195.9430, -31.3570, -20.9330.



This preview shows how white text looks on a background with the YIQ color 195.9430, -31.3570, -20.9330.

-20.9330.

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

195.9430, -31.3570, -20.9330

Protanopia

203.8670, 10.5000, -3.0680

Deuteranopia

205.6000, 16.0460, 6.5580



Tritanopia

199.0910, -37.0450, -5.9490

Trichromacy



Original Color

195.9430, -31.3570, -20.9330

Protanomaly

200.8650, -4.3540, -9.2020

Deuteranomaly

202.4080, -1.3290, -3.4490

Tritanomaly

197.8860, -35.2100, -11.6740

Monochromacy



Original Color

195.9430, -31.3570, -20.9330

Achromatopsia

196.0000, -0.0000, -0.0000

Achromatomaly

195.9120, -11.7360, -7.5760

CSS Examples

Text

The CSS property to change the color of the text to YIQ 195.9430, -31.3570, -20.9330 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(153, 218, 195)` looks like.

```
.text, #text, p{  
    color:rgb(153, 218, 195)  
}
```

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(153, 218, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 218, 195) }
```

Border

The CSS property to change the border of an element to YIQ 195.9430, -31.3570, -20.9330 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(153, 218, 195) }
```


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

```
.border{ border-color:rgb(153, 218, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 218, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 218, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 218, 195);  
box-shadow:4px 4px 4px 4px rgb(153, 218,  
195) }
```

Background

The CSS property to change the background color of an element to YIQ 195.9430, -31.3570, -20.9330 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 218, 195) }
```

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

```
.background{ background-color: rgb(153,  
218, 195) }
```

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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