

Converting Colors

YIQ(148.3870, -69.0390,
-53.8950)

Have a look what the booklet for
YIQ(148.3870, -69.0390, -53.8950)
contains.

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Color

**YIQ(148.3870, -69.0390,
-53.8950)**

Conversions

Conversions Part 1

Format	Color
Hex	31CA85
RGB	49, 202, 133
RGB Percent	19%, 79%, 52%
CMY	0.8082, 0.2076, 0.4786
CMYK	0.76, 0.00, 0.34, 0.21
HSL	153°, 61%, 49%
HSV	153°, 76%, 79%
XYZ	26.6270, 44.6135, 29.3778
YIQ	148.3870, -69.0390, -53.8950

Conversions

Conversions Part 2

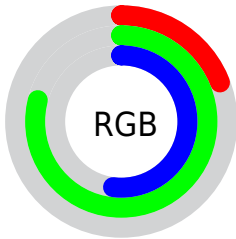
Format	Color
R_{YB}	49, 148, 202
Decimal	3263109
CIE _{Lab}	72.64, -54.89, 23.59
CIE _{LCh}	73, 59.744, 156.748
Yxy	44.6135, 0.2646, 0.4434
Android (android.graphics.Color)	4281453189 (0xFF31CA85)
YUV	148.3870, -7.5858, -87.1624
Hunter-Lab	66.7933, -45.7298, 20.6777

Details

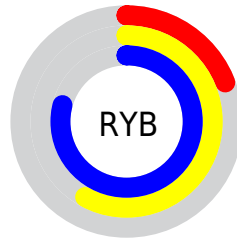
The YIQ color **148.3870, -69.0390, -53.8950** is a dark color, and the websafe version is hex **00CC99**. The color can be described as dark muted spring green. A complement of this color would be **102.6130, 69.0390, 53.8950**, and the grayscale version is **149.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **206.2850, -59.8240, -50.1920**, and **95.7510, -67.0680, -51.0680** is the 20% darker color. If you saturate the color by 10%, you get **141.3810, -78.0700, -60.9340**, and if you desaturate by 10%, it is **155.3930, -60.0080, -46.8560**.

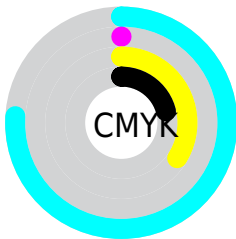
Distribution



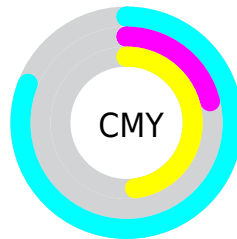
- Red (19%)
- Green (79%)
- Blue (52%)



- Red (19%)
- Yellow (58%)
- Blue (79%)



- Cyan (76%)
- Magenta (0%)
- Yellow (34%)
- Black (21%)



- Cyan (81%)
- Magenta (21%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 148.3870, -69.0390, -53.8950 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 148.3870, -69.0390, -53.8950 by changing the saturation by 10% instead.

■ 148.3870,
-69.0390, -53.8950

■ 148.3870,
-69.0390, -53.8950

■ 255.0000, -0.0000,
-0.0000

■ 114.3360,
-82.1970, -57.7250

■ 206.1710,
-59.5030, -50.5030

■ 95.7510, -67.0680,
-51.0680

■ 218.3330,
-50.6110, -35.4350

■ 77.1660, -51.9390,
-44.4110

■ 230.6090,
-42.0400, -20.0560

■ 59.2820, -37.4060,
-37.9660

■ 241.2460,
-27.4160, -9.7520

■ 42.0990, -23.4690,
-31.7330

■ 250.2160, -9.5360,
-3.3920

■ 27.5890, -12.9250,
-24.5810

■ 9.9790, -4.6750,

-8.8910

■ 0.0000, 0.0000,
0.0000

■ 148.3870,
-69.0390, -53.8950

■ 148.3870,
-69.0390, -53.8950

■ 141.3810,
-78.0700, -60.9340

■ 155.3930,
-60.0080, -46.8560

■ 134.0760,
-87.6970, -68.1850

■ 162.3990,
-50.9770, -39.8170

■ 131.2280,
-91.1810, -71.1250

■ 169.7040,
-41.3500, -32.5660

■ 176.7100,
-32.3190, -25.5270

■ 183.8300,
-23.6090, -18.1770

■ 190.8360,
-14.5780, -11.1380

■ 197.8420, -5.5470,
-4.0990

■ 205.1470, 4.0800,
3.1520

■ 212.1530, 13.1110,
10.1910

Harmonies

Analogous

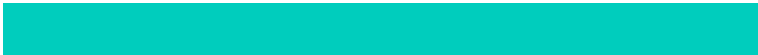
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



165.2430, 1.8880, -45.2480



148.3870, -69.0390, -53.8950



141.8810, -117.0440, -48.4360

Triad

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



148.3870, -69.0390, -53.8950



163.4340, -74.1390, 5.5170



171.6490, 76.2440, 16.9160

Complementary

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



148.3870, -69.0390, -53.8950



102.6130, 69.0390, 53.8950

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.



171.1200, 62.5770, 38.8410



148.3870, -69.0390, -53.8950



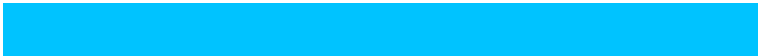
181.6050, -7.5720, 38.1240

Square

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



148.3870, -69.0390, -53.8950



143.5350, -135.4800, -22.6800



182.5590, 42.7680, 50.9280



175.2410, 76.4320, -8.5280

Rectangle

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



148.3870, -69.0390, -53.8950



146.0990, -128.9210, -36.9290



182.5590, 42.7680, 50.9280



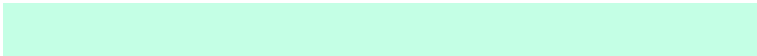
169.9510, 72.7580, 25.0300

Sweetspot

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



148.3870, -69.0390, -53.8950



234.3950, -26.8180, -20.5940



160.0400, 0.2410, -64.9670



115.2980, -15.9990, -12.9190



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.



148.3870, -69.0390, -53.8950



173.6620, -104.5670, -81.8390



153.3180, -89.8130, -29.8210



98.4400, -4.3550, -3.6750



107.8160, -74.8610, -58.5170



24.7000, -17.1910, -13.3430

Inverse Universe

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



102.6130, 69.0390, 53.8950



104.3380, 104.5670, 81.8390



97.6820, 89.8130, 29.8210



95.4460, 4.6760, 3.3640



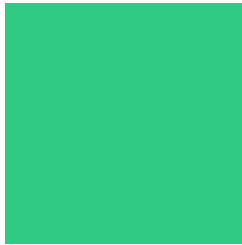
58.1840, 74.8610, 58.5170



13.3000, 17.1910, 13.3430

Previews

White Background



This preview shows how the YIQ color 148.3870, -69.0390, -53.8950 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 148.3870, -69.0390, -53.8950 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

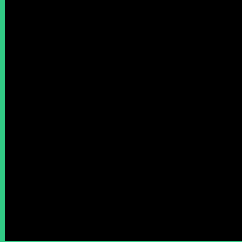
Any Text WCAG AA ✓ Pass

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 148.3870, -69.0390, -53.8950 Background



This preview shows how black text looks on a background with the YIQ color 148.3870, -69.0390, -53.8950.



This preview shows how white text looks on a background with the YIQ color 148.3870, -69.0390, -53.8950.

-53.8950.

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

148.3870, -69.0390, -53.8950

Protanopia

174.9160, 25.9990, -14.1370

Deuteranopia

177.3440, 31.0860, -1.6980



Tritanopia

161.8200, -70.3750, -18.6550

Trichromacy



Original Color

148.3870, -69.0390, -53.8950



Protanomaly

165.1070, -8.7520, -28.6240



Deuteranomaly

167.0030, -5.2230, -20.9910



Tritanomaly

156.9150, -69.6850, -31.1650

Monochromacy



Original Color

148.3870, -69.0390, -53.8950



Achromatopsia

148.0000, -0.0000, 0.0000



Achromatomaly

148.4060, -25.3510, -19.6470

CSS Examples

Text

The CSS property to change the color of the text to YIQ 148.3870, -69.0390, -53.8950 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(49, 202, 133)` looks like.

```
.text, #text, p{  
    color:rgb(49, 202, 133)  
}
```

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(49, 202, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(49, 202, 133) }
```

Border

The CSS property to change the border of an element to YIQ 148.3870, -69.0390, -53.8950 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(49, 202, 133) }
```


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

```
.border{ border-color:rgb(49, 202, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(49, 202, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(49, 202, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(49, 202, 133);  
box-shadow:4px 4px 4px 4px rgb(49, 202,  
133) }
```

Background

The CSS property to change the background color of an element to YIQ 148.3870, -69.0390, -53.8950 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(49, 202, 133) }
```

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

```
.background{ background-color: rgb(49, 202,  
133) }
```

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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