

Converting Colors

YIQ(169.2740, -61.2910,
-51.1390)

Have a look what the booklet for
YIQ(169.2740, -61.2910, -51.1390)
contains.

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Color

**YIQ(169.2740, -61.2910,
-51.1390)**

Conversions

Conversions Part 1

Format	Color
Hex	4FDB96
RGB	79, 219, 150
RGB Percent	31%, 86%, 59%
CMY	0.6906, 0.1409, 0.4119
CMYK	0.64, 0.00, 0.32, 0.14
HSL	150°, 66%, 58%
HSV	150°, 64%, 86%
XYZ	34.0644, 54.5523, 37.5680
YIQ	169.2740, -61.2910, -51.1390

Conversions

Conversions Part 2

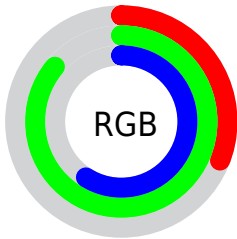
Format	Color
RYB	79, 172, 219
Decimal	5233558
CIELab	78.78, -53.39, 23.14
CIELCh	79, 58.186, 156.563
Yxy	54.5523, 0.2700, 0.4323
Android (android.graphics.Color)	4283423638 (0xFF4FDB96)
YUV	169.2740, -9.5021, -79.1703
Hunter-Lab	73.8595, -46.9289, 21.5443

Details

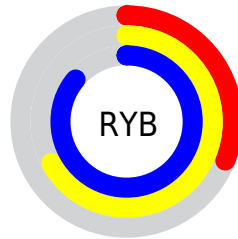
The YIQ color **169.2740, -61.2910, -51.1390** is a dark color, and the websafe version is hex **33CC99**. The color can be described as middle muted spring green. A complement of this color would be **128.7260, 61.2910, 51.1390**, and the grayscale version is **169.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **215.1000, -51.5730, -40.0290**, and **106.9670, -76.6040, -54.4600** is the 20% darker color. If you saturate the color by 10%, you get **161.4420, -70.8720, -59.2240**, and if you desaturate by 10%, it is **177.1060, -51.7100, -43.0540**.

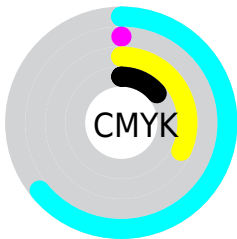
Distribution



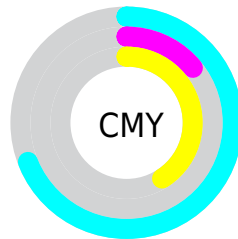
- Red (31%)
- Green (86%)
- Blue (59%)



- Red (31%)
- Yellow (67%)
- Blue (86%)



- Cyan (64%)
- Magenta (0%)
- Yellow (32%)
- Black (14%)



- Cyan (69%)
- Magenta (14%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 169.2740, -61.2910, -51.1390 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 169.2740, -61.2910, -51.1390 by changing the saturation by 10% instead.

■ 169.2740,
-61.2910, -51.1390

■ 169.2740,
-61.2910, -51.1390

■ 255.0000, -0.0000,
-0.0000

■ 138.5120,
-67.8930, -52.6370

■ 215.1000,
-51.5730, -40.0290

■ 106.9670,
-76.6040, -54.4600

■ 227.3760,
-43.0020, -24.6500

■ 88.2680, -61.1540,
-48.1140

■ 238.8540,
-32.1840, -11.4480

■ 70.3840, -46.6210,
-41.6690

■ 247.8240,
-14.3040, -5.0880

■ 52.6140, -32.4090,
-34.9130

■ 35.3170, -18.1510,
-28.9910

■ 21.7190, -10.1750,

-19.3510

■ 0.0000, 0.0000,
0.0000

■ 169.2740,
-61.2910, -51.1390

■ 169.2740,
-61.2910, -51.1390

■ 161.4420,
-70.8720, -59.2240

■ 177.1060,
-51.7100, -43.0540

■ 153.6100,
-80.4530, -67.3090

■ 184.9380,
-42.1290, -34.9690

■ 145.8920,
-90.3550, -75.0830

■ 192.6560,
-32.2270, -27.1950

■ 141.2070,
-95.8560, -80.0160

■ 200.4880,
-22.6460, -19.1100

■ 208.0210,
-13.6610, -11.2370

■ 215.8530, -4.0800,
-3.1520

■ 223.6850, 5.5010,
4.9330

■ 231.4030, 15.4030,
12.7070

■ 232.9560, 12.4680,
16.3400

Harmonies

Analogous

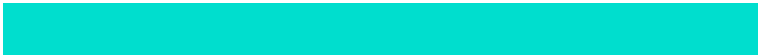
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



182.3680, 3.0340, -43.9900



169.2740, -61.2910, -51.1390



153.7980, -127.1760, -52.0400

Triad

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



169.2740, -61.2910, -51.1390



180.8880, -63.9140, 1.9260



184.1530, 65.8370, 12.7890

Complementary

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



169.2740, -61.2910, -51.1390



128.7260, 61.2910, 51.1390

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.



184.2110, 51.8950, 34.1910



169.2740, -61.2910, -51.1390



196.6670, -2.1150, 32.8370

Square

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



169.2740, -61.2910, -51.1390



153.5140, -140.1550, -31.5710



195.0630, 32.3610, 46.8010



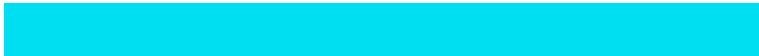
190.9740, 72.8100, -8.9660

Rectangle

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



169.2740, -61.2910, -51.1390



157.9020, -138.7320, -40.8440



195.0630, 32.3610, 46.8010



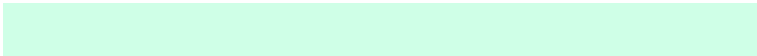
183.1560, 61.7550, 20.6910

Sweetspot

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



169.2740, -61.2910, -51.1390



237.9120, -20.9040, -17.6400



182.1100, 3.2200, -58.3800



117.3200, -13.0650, -11.0250



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.



169.2740, -61.2910, -51.1390



185.3380, -85.6790, -71.7190



177.1400, -83.4400, -29.6800



106.0270, -4.6300, -4.1980



111.5830, -75.8230, -63.1110



29.6240, -20.0330, -16.9050

Inverse Universe

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



128.7260, 61.2910, 51.1390



128.5480, 86.0000, 71.4080



120.8600, 83.4400, 29.6800



102.8590, 4.9510, 3.8870



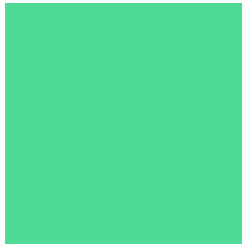
61.5310, 75.5020, 63.4220



16.3760, 20.0330, 16.9050

Previews

White Background



This preview shows how the YIQ color 169.2740, -61.2910, -51.1390 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 169.2740, -61.2910, -51.1390 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

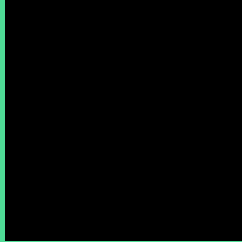
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

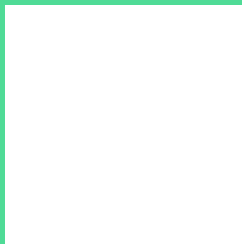
Any Text WCAG AAA ✓ Pass

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

YIQ 169.2740, -61.2910, -51.1390 Background



This preview shows how black text looks on a background with the YIQ color 169.2740, -61.2910, -51.1390.



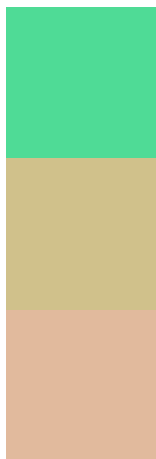
This preview shows how white text looks on a background with the YIQ color 169.2740, -61.2910, -51.1390.

-51.1390.

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

169.2740, -61.2910, -51.1390

Protanopia

191.3290, 26.2740, -13.6140

Deuteranopia

194.3550, 32.5530, -0.7510



Tritanopia

179.8420, -67.4410, -16.7610

Trichromacy



Original Color

169.2740, -61.2910, -51.1390



Protanomaly

183.0150, -5.4970, -27.0410



Deuteranomaly

185.2100, -1.3720, -19.1960



Tritanomaly

176.3070, -64.9170, -29.4690

Monochromacy



Original Color

169.2740, -61.2910, -51.1390



Achromatopsia

169.0000, -0.0000, -0.0000



Achromatomaly

168.9010, -22.3710, -18.5870

CSS Examples

Text

The CSS property to change the color of the text to YIQ 169.2740, -61.2910, -51.1390 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(79, 219, 150)` looks like.

```
.text, #text, p{  
    color:rgb(79, 219, 150)  
}
```

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(79, 219, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 219, 150) }
```

Border

The CSS property to change the border of an element to YIQ 169.2740, -61.2910, -51.1390 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(79, 219, 150) }
```


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

```
.border{ border-color:rgb(79, 219, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(79, 219, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 219, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 219, 150);  
box-shadow:4px 4px 4px 4px rgb(79, 219,  
150) }
```

Background

The CSS property to change the background color of an element to YIQ 169.2740, -61.2910, -51.1390 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 219, 150) }
```

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

```
.background{ background-color: rgb(79, 219,  
150) }
```

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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