

Converting Colors

YIQ(151.0070, -80.9670,
-13.9190)

Have a look what the booklet for
YIQ(151.0070, -80.9670, -13.9190)
contains.

YIQ(151.0070, -80.9670, -13.9190)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(151.0070, -80.9670,
-13.9190)**

Conversions

Conversions Part 1

Format	Color
Hex	41B6D9
RGB	65, 182, 217
RGB Percent	25%, 71%, 85%
CMY	0.7453, 0.2861, 0.1494
CMYK	0.70, 0.16, 0.00, 0.15
HSL	194°, 67%, 55%
HSV	194°, 70%, 85%
XYZ	31.4265, 39.6028, 71.5728
YIQ	151.0070, -80.9670, -13.9190

Conversions

Conversions Part 2

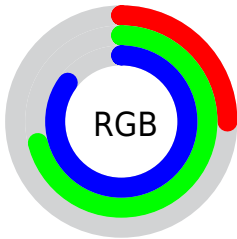
Format	Color
RYB	65, 131, 217
Decimal	4306649
CIELab	69.19, -21.43, -27.03
CIElCh	69, 34.494, 231.581
Yxy	39.6028, 0.2204, 0.2777
Android (android.graphics.Color)	4282496729 (0xFF41B6D9)
YUV	151.0070, 32.5345, -75.4281
Hunter-Lab	62.9308, -20.9891, -23.3806

Details

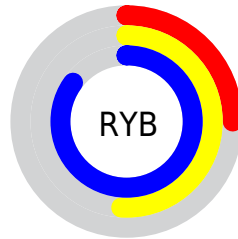
The YIQ color **151.0070, -80.9670, -13.9190** is a light color, and the websafe version is hex **33CCFF**. The color can be described as light muted azure. A complement of this color would be **130.9930, 80.9670, 13.9190**, and the grayscale version is **151.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **207.9450, -69.2290, -17.3970**, and **94.1910, -87.4770, -17.0850** is the 20% darker color. If you saturate the color by 10%, you get **141.4940, -92.7040, -15.9680**, and if you desaturate by 10%, it is **160.5200, -69.2300, -11.8700**.

Distribution



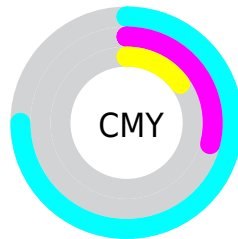
- Red (25%)
- Green (71%)
- Blue (85%)



- Red (25%)
- Yellow (51%)
- Blue (85%)



- Cyan (70%)
- Magenta (16%)
- Yellow (0%)
- Black (15%)



- Cyan (75%)
- Magenta (29%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 151.0070, -80.9670, -13.9190 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 151.0070, -80.9670, -13.9190 by changing the saturation by 10% instead.

■ 151.0070,
-80.9670, -13.9190

■ 151.0070,
-80.9670, -13.9190

■ 255.0000, -0.0000,
-0.0000

■ 116.1190,
-96.1420, -19.7420

■ 207.9450,
-69.2290, -17.3970

■ 94.1910, -87.4770,
-17.0850

■ 226.8940,
-56.0240, -19.9280

■ 76.5520, -72.2560,
-12.0960

■ 235.8640,
-38.1440, -13.5680

■ 58.9130, -57.0350,
-7.1070

■ 245.1330,
-19.6680, -6.9960

■ 42.6760, -43.0060,
-2.5420

■ 254.1030, -1.7880,
-0.6360

■ 27.6130, -29.5270,
0.9770

■ 6.3210, -13.6650,

10.8710

■ 2.6390, -6.0530,
5.0750

■ 0.0000, 0.0000,
0.0000

■ 151.0070,
-80.9670, -13.9190

■ 151.0070,
-80.9670, -13.9190

■ 141.4940,
-92.7040, -15.9680

■ 160.5200,
-69.2300, -11.8700

■ 132.2800,
-103.8450, -17.8050

■ 169.7340,
-58.0890, -10.0330

■ 122.7670,
-115.5820, -19.8540

■ 179.2470,
-46.3520, -7.9840

■ 188.7600,
-34.6150, -5.9350

■ 197.9740,
-23.4740, -4.0980

■ 207.4870,
-11.7370, -2.0490

■ 217.0000, -0.0000,
0.0000

■ 226.2140, 11.1410,
1.8370

■ 234.2320, 19.8980,
2.8260

Harmonies

Analogous

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



148.2980, -77.8930, -25.5810



151.0070, -80.9670, -13.9190



162.1340, -55.7990, 3.5370

Triad

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



151.0070, -80.9670, -13.9190



173.0840, 35.8950, 26.7990



164.6110, 16.3720, -21.3880

Complementary

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



151.0070, -80.9670, -13.9190



130.9930, 80.9670, 13.9190

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.



167.6680, 38.5610, -10.5190



151.0070, -80.9670, -13.9190



171.5290, 50.3390, 18.3310

Square

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



151.0070, -80.9670, -13.9190



173.3230, 10.3570, 27.0690



169.6840, 50.8000, 4.4640



160.1220, -13.1080, -26.7720

Rectangle

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



151.0070, -80.9670, -13.9190



168.1910, -33.6100, 14.4060



169.6840, 50.8000, 4.4640



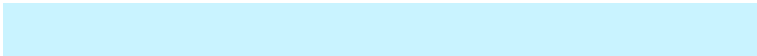
165.7970, 24.7160, -18.4200

Sweetspot

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



151.0070, -80.9670, -13.9190



231.8100, -28.8840, -5.1720



157.9860, -52.3930, -69.2330



113.7360, -16.8720, -2.6000



0.0000, 0.0000, 0.0000



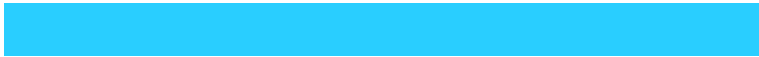
128.0000, -0.0000, -0.0000

Same Dimension

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



151.0070, -80.9670, -13.9190



162.2510, -114.0690, -19.7410



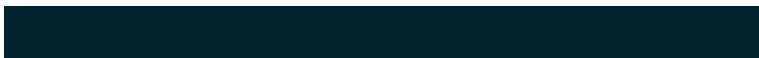
107.5690, -60.6170, 24.7830



104.9500, -5.7310, -0.7630



98.3800, -92.3830, -16.2790



25.7890, -24.3910, -3.9990

Inverse Universe

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



123.7860, 53.0350, 68.6110



123.7960, 74.5790, 96.6830



174.4310, 60.6170, -24.7830



103.2010, 3.9880, 4.8200



67.0030, 60.0940, 78.3500



17.7440, 16.1810, 20.6370

Previews

White Background



This preview shows how the YIQ color 151.0070, -80.9670, -13.9190 looks on a white background.

Color Contrast Check

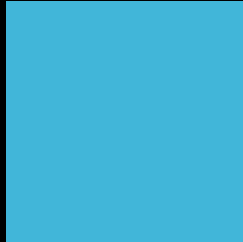
Large Text (above 18pt) WCAG AA × Fail

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 151.0070, -80.9670, -13.9190 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 151.0070, -80.9670, -13.9190 Background



This preview shows how black text looks on a background with the YIQ color 151.0070, -80.9670, -13.9190.



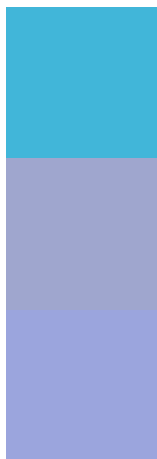
This preview shows how white text looks on a background with the YIQ color 151.0070, -80.9670, -13.9190.

-13.9190.

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

151.0070, -80.9670, -13.9190

Protanopia

168.4670, -17.0120, 10.9560

Deuteranopia

168.3940, -23.9360, 15.2960



Tritanopia

147.5410, -82.8910, -23.1070

Trichromacy



Original Color

151.0070, -80.9670, -13.9190

Protanomaly

162.2790, -40.2100, 1.8540

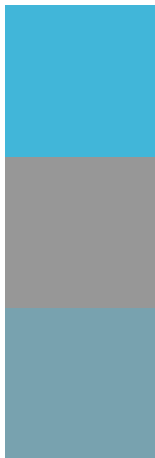
Deuteranomaly

161.9350, -44.9330, 4.8510

Tritanomaly

148.8340, -82.1580, -19.8700

Monochromacy



Original Color

151.0070, -80.9670, -13.9190

Achromatopsia

151.0000, -0.0000, 0.0000

Achromatomaly

150.9240, -29.2050, -4.8610

CSS Examples

Text

The CSS property to change the color of the text to YIQ 151.0070, -80.9670, -13.9190 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(65, 182, 217)` looks like.

```
.text, #text, p{  
    color:rgb(65, 182, 217)  
}
```

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(65, 182, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(65, 182, 217) }
```

Border

The CSS property to change the border of an element to YIQ 151.0070, -80.9670, -13.9190 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(65, 182, 217) }
```


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

```
.border{ border-color:rgb(65, 182, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(65, 182, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(65, 182, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(65, 182, 217);  
box-shadow:4px 4px 4px 4px rgb(65, 182,  
217) }
```

Background

The CSS property to change the background color of an element to YIQ 151.0070, -80.9670, -13.9190 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(65, 182, 217) }
```

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

```
.background{ background-color: rgb(65, 182,  
217) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor