

Converting Colors

YIQ(151.4950, -68.0820,
-21.6660)

Have a look what the booklet for
YIQ(151.4950, -68.0820, -21.6660)
contains.

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Color

**YIQ(151.4950, -68.0820,
-21.6660)**

Conversions

Conversions Part 1

Format	Color
Hex	49B8BE
RGB	73, 184, 190
RGB Percent	29%, 72%, 75%
CMY	0.7140, 0.2782, 0.2552
CMYK	0.62, 0.03, 0.00, 0.26
HSL	183°, 47%, 52%
HSV	183°, 62%, 74%
XYZ	29.1794, 39.4289, 54.7477
YIQ	151.4950, -68.0820, -21.6660

Conversions

Conversions Part 2

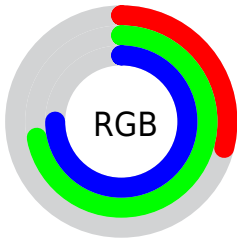
Format	Color
RYB	73, 130, 190
Decimal	4831422
CIELab	69.06, -29.34, -12.38
CIELCh	69, 31.847, 202.877
Yxy	39.4289, 0.2365, 0.3196
Android (android.graphics.Color)	4283021502 (0xFF49B8BE)
YUV	151.4950, 18.9830, -68.8401
Hunter-Lab	62.7924, -26.9384, -7.7393

Details

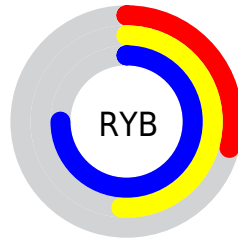
The YIQ color **151.4950, -68.0820, -21.6660** is a dark color, and the websafe version is hex **66CCCC**. A complement of this color would be **111.5050, 68.0820, 21.6660**, and the grayscale version is **151.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **208.9900, -65.1020, -20.6060**, and **91.9280, -79.7270, -25.3830** is the 20% darker color. If you saturate the color by 10%, you get **145.2270, -79.1310, -25.1710**, and if you desaturate by 10%, it is **157.7630, -57.0330, -18.1610**.

Distribution



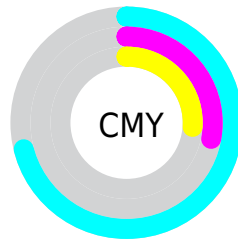
- Red (29%)
- Green (72%)
- Blue (75%)



- Red (29%)
- Yellow (51%)
- Blue (75%)



- Cyan (62%)
- Magenta (3%)
- Yellow (0%)
- Black (26%)



- Cyan (71%)
- Magenta (28%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 151.4950, -68.0820, -21.6660 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 151.4950, -68.0820, -21.6660 by changing the saturation by 10% instead.

■ 151.4950,
-68.0820, -21.6660

■ 151.4950,
-68.0820, -21.6660

■ 255.0000, -0.0000,
-0.0000

■ 121.5050,
-74.0420, -23.7860

■ 208.9900,
-65.1020, -20.6060

■ 92.5150, -80.0020,
-25.9060

■ 227.4920,
-54.8320, -19.5040

■ 74.2890, -64.5060,
-20.3940

■ 236.4620,
-36.9520, -13.1440

■ 56.8780, -49.9270,
-14.7830

■ 245.4320,
-19.0720, -6.7840

■ 40.7550, -36.2190,
-9.9070

■ 254.4020, -1.1920,
-0.4240

■ 25.9200, -23.3820,
-5.7660

■ 3.0950, -7.3370,

6.3190

■ 0.0000, 0.0000,
0.0000

■ 151.4950,
-68.0820, -21.6660

■ 151.4950,
-68.0820, -21.6660

■ 145.2270,
-79.1310, -25.1710

■ 157.7630,
-57.0330, -18.1610

■ 138.9590,
-90.1800, -28.6760

■ 164.0310,
-45.9840, -14.6560

■ 132.6910,
-101.2290, -32.1810

■ 170.2990,
-34.9350, -11.1510

■ 127.3200,
-110.4900, -35.0500

■ 176.5670,
-23.8860, -7.6460

■ 182.8350,
-12.8370, -4.1410

■ 189.1030, -1.7880,
-0.6360

■ 195.3710, 9.2610,
2.8690

■ 201.6390, 20.3100,
6.3740

■ 207.9070, 31.3590,
9.8790

Harmonies

Analogous

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



155.5500, -43.5520, -25.6960



151.4950, -68.0820, -21.6660



154.8620, -70.1930, -10.9370

Triad

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



151.4950, -68.0820, -21.6660



173.1550, 10.7700, 25.0900



167.2270, 35.4890, -9.9110

Complementary

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



151.4950, -68.0820, -21.6660



111.5050, 68.0820, 21.6660

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.



169.7050, 46.3070, 3.2910



151.4950, -68.0820, -21.6660



172.2470, 33.8780, 24.8060

Square

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



151.4950, -68.0820, -21.6660



170.3130, -19.2140, 17.8260



171.3220, 46.4880, 16.5360



164.8820, 14.1710, -20.0450

Rectangle

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



151.4950, -68.0820, -21.6660



160.1290, -57.4030, -0.4350



171.3220, 46.4880, 16.5360



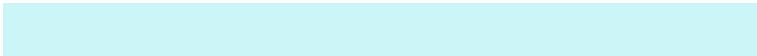
168.2000, 40.1190, -5.7130

Sweetspot

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



151.4950, -68.0820, -21.6660



232.6700, -25.6740, -8.2820



142.3630, -34.1010, -59.3250



116.0410, -16.4130, -5.4130



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

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



151.4950, -68.0820, -21.6660



187.0000, -106.5930, -34.0890



117.4490, -52.1320, 8.6680



91.3090, -5.3640, -1.9080



106.0620, -91.9680, -29.3120



20.5570, -17.9260, -5.5260

Inverse Universe

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



120.6370, 34.1010, 59.3250



138.5530, 53.2140, 92.9100



145.5510, 52.1320, -8.6680



88.7170, 2.4750, 4.7070



64.3420, 46.0180, 80.1460



12.5750, 9.1670, 15.5910

Previews

White Background



This preview shows how the YIQ color 151.4950, -68.0820, -21.6660 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 151.4950, -68.0820, -21.6660 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

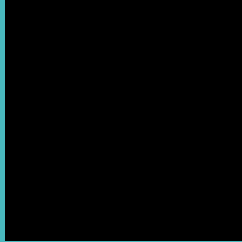
Any Text WCAG AA ✓ Pass

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 151.4950, -68.0820, -21.6660 Background



This preview shows how black text looks on a background with the YIQ color 151.4950, -68.0820, -21.6660.



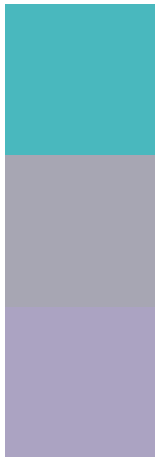
This preview shows how white text looks on a background with the YIQ color 151.4950, -68.0820, -21.6660.

-21.6660.

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

151.4950, -68.0820, -21.6660

Protanopia

167.7810, -3.5770, 4.2550

Deuteranopia

168.9260, -5.1830, 11.3370



Tritanopia

152.7170, -68.5870, -18.0190

Trichromacy



Original Color

151.4950, -68.0820, -21.6660

Protanomaly

162.1800, -27.0500, -5.3700

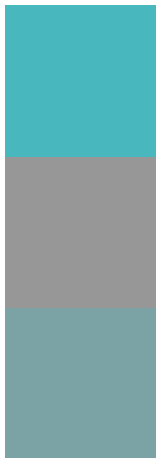
Deuteranomaly

162.7440, -28.5180, -0.7900

Tritanomaly

152.0760, -68.2200, -19.1640

Monochromacy



Original Color

151.4950, -68.0820, -21.6660

Achromatopsia

151.0000, -0.0000, 0.0000

Achromatomaly

151.2680, -24.4820, -7.8580

CSS Examples

Text

The CSS property to change the color of the text to YIQ 151.4950, -68.0820, -21.6660 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(73, 184, 190)` looks like.

```
.text, #text, p{  
    color:rgb(73, 184, 190)  
}
```

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(73, 184, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(73, 184, 190) }
```

Border

The CSS property to change the border of an element to YIQ 151.4950, -68.0820, -21.6660 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(73, 184, 190) }
```


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

```
.border{ border-color:rgb(73, 184, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(73, 184, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(73, 184, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(73, 184, 190);  
box-shadow:4px 4px 4px 4px rgb(73, 184,  
190) }
```

Background

The CSS property to change the background color of an element to YIQ 151.4950, -68.0820, -21.6660 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(73, 184, 190) }
```

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

```
.background{ background-color: rgb(73, 184,  
190) }
```

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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