

Converting Colors

YIQ(151.3310, -83.8010,
-61.6970)

Have a look what the booklet for
YIQ(151.3310, -83.8010, -61.6970)
contains.

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Color

**YIQ(151.3310, -83.8010,
-61.6970)**

Conversions

Conversions Part 1

Format	Color
Hex	21D68B
RGB	33, 214, 139
RGB Percent	13%, 84%, 55%
CMY	0.8710, 0.1605, 0.4552
CMYK	0.85, 0.00, 0.35, 0.16
HSL	155°, 73%, 48%
HSV	155°, 85%, 84%
XYZ	29.3442, 50.3149, 32.5644
YIQ	151.3310, -83.8010, -61.6970

Conversions

Conversions Part 2

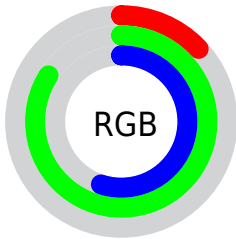
Format	Color
RYB	33, 147, 214
Decimal	2217611
CIELab	76.26, -59.75, 25.32
CIELCh	76, 64.893, 157.031
Yxy	50.3149, 0.2615, 0.4483
Android (android.graphics.Color)	4280407691 (0xFF21D68B)
YUV	151.3310, -6.0792, -103.7763
Hunter-Lab	70.9330, -50.2894, 22.4338

Details

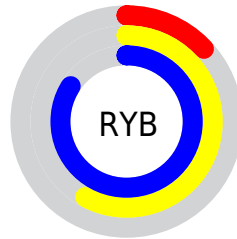
The YIQ color **151.3310, -83.8010, -61.6970** is a dark color, and the websafe version is hex **00CC99**. The color can be described as dark washed spring green. A complement of this color would be **95.6690, 83.8010, 61.6970**, and the grayscale version is **151.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **205.4740, -64.7300, -49.3860**, and **102.7780, -71.6980, -55.2660** is the 20% darker color. If you saturate the color by 10%, you get **143.7270, -94.0240, -69.1600**, and if you desaturate by 10%, it is **158.6360, -74.1740, -54.4460**.

Distribution



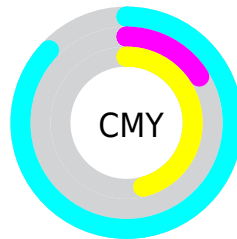
- Red (13%)
- Green (84%)
- Blue (55%)



- Red (13%)
- Yellow (58%)
- Blue (84%)



- Cyan (85%)
- Magenta (0%)
- Yellow (35%)
- Black (16%)



- Cyan (87%)
- Magenta (16%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 151.3310, -83.8010, -61.6970 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 151.3310, -83.8010, -61.6970 by changing the saturation by 10% instead.

■ 151.3310,
-83.8010, -61.6970

■ 151.3310,
-83.8010, -61.6970

■ 255.0000, -0.0000,
-0.0000

■ 122.0640,
-87.4230, -62.1350

■ 205.4740,
-64.7300, -49.3860

■ 102.7780,
-71.6980, -55.2660

■ 217.9350,
-55.2420, -34.1060

■ 84.1930, -56.5690,
-48.6090

■ 230.8090,
-45.4790, -18.3030

■ 65.7220, -41.7610,
-41.6410

■ 240.3490,
-29.2040, -10.3880

■ 48.5390, -27.8240,
-35.4080

■ 249.6180,
-10.7280, -3.8160

■ 32.2850, -15.1250,
-28.7650

■ 17.6100, -8.2500,

-15.6900

■ 0.0000, 0.0000,
0.0000

■ 151.3310,
-83.8010, -61.6970

■ 151.3310,
-83.8010, -61.6970

■ 143.7270,
-94.0240, -69.1600

■ 158.6360,
-74.1740, -54.4460

■ 139.8680,
-98.9750, -73.0470

■ 166.2400,
-63.9510, -46.9830

■ 173.5450,
-54.3240, -39.7320

■ 181.0350,
-43.7800, -32.5800

■ 188.3400,
-34.1530, -25.3290

■ 195.6450,
-24.5260, -18.0780

■ 203.2490,
-14.3030, -10.6150

■ 210.5540, -4.6760,
-3.3640

■ 218.1580, 5.5470,
4.0990

Harmonies

Analogous

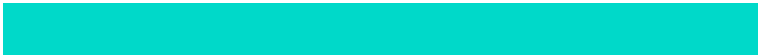
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



173.3090, 1.5220, -49.6300



151.3310, -83.8010, -61.6970



150.2930, -124.1960, -50.9800

Triad

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



151.3310, -83.8010, -61.6970



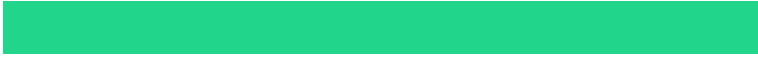
169.0050, -77.4850, 0.0750



174.9260, 73.9060, 15.2340

Complementary

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



151.3310, -83.8010, -61.6970



95.6690, 83.8010, 61.6970

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.



174.3800, 58.9090, 39.2370



151.3310, -83.8010, -61.6970



189.3020, -2.3450, 37.0070

Square

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



151.3310, -83.8010, -61.6970



150.5790, -138.7800, -28.9560



187.0900, 36.8990, 52.6670



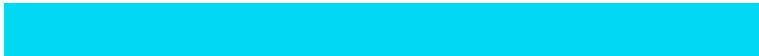
183.4110, 81.7050, -10.4790

Rectangle

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



151.3310, -83.8010, -61.6970



154.8530, -137.0360, -38.5400



187.0900, 36.8990, 52.6670



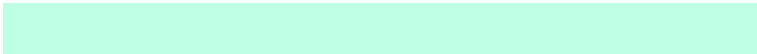
173.4560, 69.7780, 23.9700

Sweetspot

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



151.3310, -83.8010, -61.6970



232.9000, -29.7980, -21.6540



161.6720, -5.0750, -78.7630



114.5150, -18.1080, -13.2440



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.



151.3310, -83.8010, -61.6970



166.6710, -117.9540, -87.0260



151.0760, -103.7510, -30.5270



103.2550, -5.2720, -3.5760



111.7770, -79.1250, -58.3330



28.0910, -19.8500, -14.7140

Inverse Universe

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



95.6690, 83.8010, 61.6970



88.3290, 117.9540, 87.0260



95.9240, 103.7510, 30.5270



99.8590, 4.9510, 3.8870



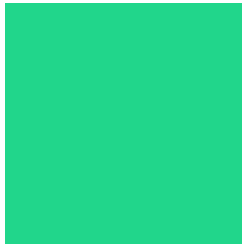
59.2230, 79.1250, 58.3330



14.9090, 19.8500, 14.7140

Previews

White Background



This preview shows how the YIQ color 151.3310, -83.8010, -61.6970 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 151.3310, -83.8010, -61.6970 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

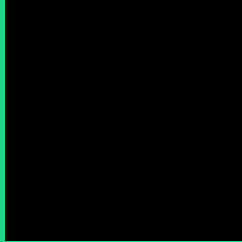
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

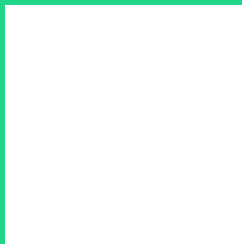
Any Text WCAG AAA ✓ Pass

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

YIQ 151.3310, -83.8010, -61.6970 Background



This preview shows how black text looks on a background with the YIQ color 151.3310, -83.8010, -61.6970.



This preview shows how white text looks on a background with the YIQ color 151.3310, -83.8010, -61.6970.

-61.6970.

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

151.3310, -83.8010, -61.6970

Protanopia

184.0580, 28.4750, -14.9570

Deuteranopia

187.0130, 33.5160, -1.6840



Tritanopia

168.8620, -79.3610, -21.0010

Trichromacy



Original Color

151.3310, -83.8010, -61.6970



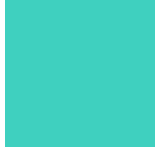
Protanomaly

172.1450, -11.9150, -31.8750



Deuteranomaly

174.2690, -9.0280, -23.6200



Tritanomaly

162.7070, -80.9630, -36.0270

Monochromacy



Original Color

151.3310, -83.8010, -61.6970



Achromatopsia

151.0000, -0.0000, 0.0000



Achromatomaly

151.1880, -30.6690, -22.3890

CSS Examples

Text

The CSS property to change the color of the text to YIQ 151.3310, -83.8010, -61.6970 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(33, 214, 139)` looks like.

```
.text, #text, p{  
    color:rgb(33, 214, 139)  
}
```

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(33, 214, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(33, 214, 139) }
```

Border

The CSS property to change the border of an element to YIQ 151.3310, -83.8010, -61.6970 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(33, 214, 139) }
```


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

```
.border{ border-color:rgb(33, 214, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(33, 214, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(33, 214, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(33, 214, 139);  
box-shadow:4px 4px 4px 4px rgb(33, 214,  
139) }
```

Background

The CSS property to change the background color of an element to YIQ 151.3310, -83.8010, -61.6970 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(33, 214, 139) }
```

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

```
.background{ background-color: rgb(33, 214,  
139) }
```

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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