

Converting Colors

YIQ(151.7470, -78.4400,
-43.2080)

Have a look what the booklet for
YIQ(151.7470, -78.4400, -43.2080)
contains.

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Color

**YIQ(151.7470, -78.4400,
-43.2080)**

Conversions

Conversions Part 1

Format	Color
Hex	32C9A5
RGB	50, 201, 165
RGB Percent	20%, 79%, 65%
CMY	0.8043, 0.2115, 0.3532
CMYK	0.75, 0.00, 0.18, 0.21
HSL	166°, 60%, 49%
HSV	166°, 75%, 79%
XYZ	28.9970, 45.1925, 42.7575
YIQ	151.7470, -78.4400, -43.2080

Conversions

Conversions Part 2

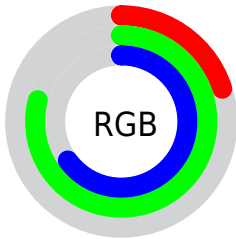
Format	Color
RYB	50, 136, 201
Decimal	3328421
CIELab	73.02, -47.10, 7.02
CIElCh	73, 47.625, 171.522
Yxy	45.1925, 0.2479, 0.3864
Android (android.graphics.Color)	4281518501 (0xFF32C9A5)
YUV	151.7470, 6.5337, -89.2321
Hunter-Lab	67.2253, -40.6502, 9.3473

Details

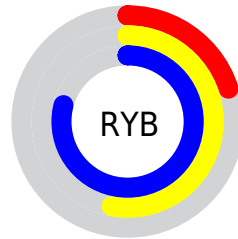
The YIQ color **151.7470, -78.4400, -43.2080** is a dark color, and the websafe version is hex **33CC99**. The color can be described as middle muted spring green. A complement of this color would be **99.2530, 78.4400, 43.2080**, and the grayscale version is **152.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **210.3460, -69.8210, -39.7170**, and **98.5840, -76.4230, -41.2150** is the 20% darker color. If you saturate the color by 10%, you get **145.1970, -88.7550, -49.0030**, and if you desaturate by 10%, it is **158.2970, -68.1250, -37.4130**.

Distribution



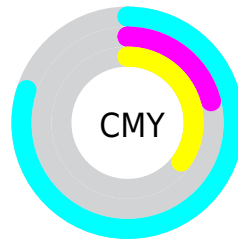
- Red (20%)
- Green (79%)
- Blue (65%)



- Red (20%)
- Yellow (53%)
- Blue (79%)



- Cyan (75%)
- Magenta (0%)
- Yellow (18%)
- Black (21%)



- Cyan (80%)
- Magenta (21%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 151.7470, -78.4400, -43.2080 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 151.7470, -78.4400, -43.2080 by changing the saturation by 10% instead.

■ 151.7470,
-78.4400, -43.2080

■ 151.7470,
-78.4400, -43.2080

■ 255.0000, -0.0000,
-0.0000

■ 117.3970,
-92.1940, -47.2500

■ 210.3460,
-69.8210, -39.7170

■ 98.5840, -76.4230,
-41.2150

■ 222.8070,
-60.3330, -24.4370

■ 80.5860, -61.5690,
-35.0810

■ 232.5750,
-44.7000, -15.9000

■ 62.5880, -46.7150,
-28.9470

■ 241.5450,
-26.8200, -9.5400

■ 45.4050, -32.7780,
-22.7140

■ 250.8140, -8.3440,
-2.9680

■ 29.6240, -20.0330,
-16.9050

■ 10.5660, -4.9500,

-9.4140

■ 0.0000, 0.0000,
0.0000

■ 151.7470,
-78.4400, -43.2080

■ 151.7470,
-78.4400, -43.2080

■ 145.1970,
-88.7550, -49.0030

■ 158.2970,
-68.1250, -37.4130

■ 138.6470,
-99.0700, -54.7980

■ 164.8470,
-57.8100, -31.6180

■ 135.4290,
-104.3880, -57.5400

■ 171.2830,
-47.1740, -26.1340

■ 177.8330,
-36.8590, -20.3390

■ 184.3830,
-26.5440, -14.5440

■ 191.2320,
-15.6330, -8.5370

■ 197.7820, -5.3180,
-2.7420

■ 204.2180, 5.3180,
2.7420

■ 210.7680, 15.6330,
8.5370

Harmonies

Analogous

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



166.1500, -19.4790, -37.9670



151.7470, -78.4400, -43.2080



142.5140, -122.9600, -40.3360

Triad

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



151.7470, -78.4400, -43.2080



179.6570, -31.6860, 23.5940



179.0790, 68.6810, 5.2970

Complementary

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



151.7470, -78.4400, -43.2080



99.2530, 78.4400, 43.2080

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.



178.4600, 63.9550, 24.8750



151.7470, -78.4400, -43.2080



184.6260, 14.2980, 38.2500

Square

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



151.7470, -78.4400, -43.2080



161.8620, -87.3880, -2.1720



183.1770, 49.2350, 38.3470



176.3350, 52.5000, -15.3400

Rectangle

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



151.7470, -78.4400, -43.2080



143.7170, -130.4810, -30.6810



183.1770, 49.2350, 38.3470



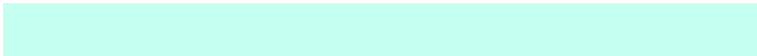
179.4910, 70.6970, 12.8170

Sweetspot

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



151.7470, -78.4400, -43.2080



235.7630, -30.6700, -16.8620



149.9990, -18.8770, -70.9170



116.2100, -18.5670, -10.4310



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.



151.7470, -78.4400, -43.2080



179.9600, -119.4250, -65.8650



133.5450, -79.5460, -12.1380



96.0810, -4.7220, -2.5300



109.8170, -84.6290, -46.6850



24.2100, -18.5670, -10.4310

Inverse Universe

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



99.2530, 78.4400, 43.2080



100.0400, 119.4250, 65.8650



117.4550, 79.5460, 12.1380



92.9190, 4.7220, 2.5300



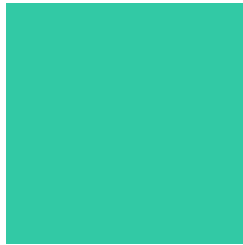
53.1830, 84.6290, 46.6850



11.7900, 18.5670, 10.4310

Previews

White Background



This preview shows how the YIQ color 151.7470, -78.4400, -43.2080 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 151.7470, -78.4400, -43.2080 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

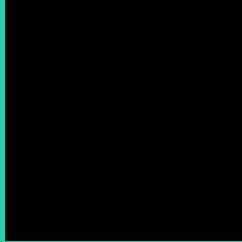
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

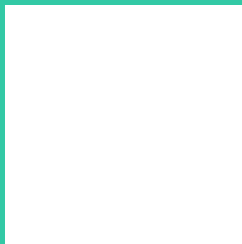
Any Text WCAG AAA ✓ Pass

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

YIQ 151.7470, -78.4400, -43.2080 Background



This preview shows how black text looks on a background with the YIQ color 151.7470, -78.4400, -43.2080.

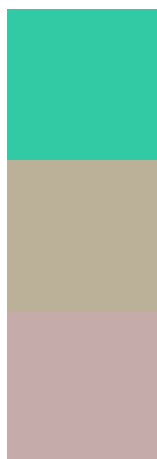


This preview shows how white text looks on a background with the YIQ color 151.7470, -78.4400, -43.2080.

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

151.7470, -78.4400, -43.2080

Protanopia

177.2540, 13.6640, -5.3440

Deuteranopia

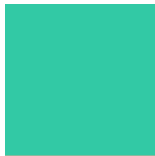
179.3610, 15.2210, 4.9890



Tritanopia

160.9440, -76.6560, -20.4640

Trichromacy



Original Color

151.7470, -78.4400, -43.2080



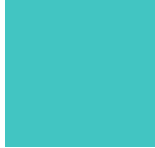
Protanomaly

168.0430, -19.8950, -19.4070



Deuteranomaly

169.7430, -18.7500, -12.6220



Tritanomaly

157.4890, -77.1130, -28.7050

Monochromacy



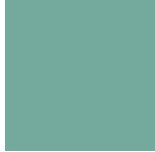
Original Color

151.7470, -78.4400, -43.2080



Achromatopsia

152.0000, -0.0000, -0.0000



Achromatomaly

152.0730, -28.6070, -15.7030

CSS Examples

Text

The CSS property to change the color of the text to YIQ 151.7470, -78.4400, -43.2080 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(50, 201, 165)` looks like.

```
.text, #text, p{  
    color:rgb(50, 201, 165)  
}
```

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(50, 201, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(50, 201, 165) }
```

Border

The CSS property to change the border of an element to YIQ 151.7470, -78.4400, -43.2080 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(50, 201, 165) }
```


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

```
.border{ border-color:rgb(50, 201, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(50, 201, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(50, 201, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(50, 201, 165);  
box-shadow:4px 4px 4px 4px rgb(50, 201,  
165) }
```

Background

The CSS property to change the background color of an element to YIQ 151.7470, -78.4400, -43.2080 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(50, 201, 165) }
```

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

```
.background{ background-color: rgb(50, 201,  
165) }
```

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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