

Converting Colors

YIQ(148.6330, -78.1190,
-43.5190)

Have a look what the booklet for
YIQ(148.6330, -78.1190, -43.5190)
contains.

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Color

**YIQ(148.6330, -78.1190,
-43.5190)**

Conversions

Conversions Part 1

Format	Color
Hex	2FC6A1
RGB	47, 198, 161
RGB Percent	18%, 78%, 63%
CMY	0.8160, 0.2233, 0.3689
CMYK	0.76, 0.00, 0.19, 0.22
HSL	165°, 62%, 48%
HSV	165°, 76%, 78%
XYZ	27.8031, 43.5898, 40.6334
YIQ	148.6330, -78.1190, -43.5190

Conversions

Conversions Part 2

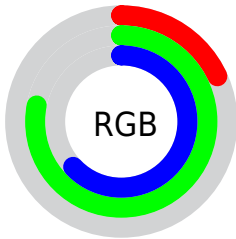
Format	Color
RYB	47, 133, 198
Decimal	3131041
CIELab	71.95, -47.20, 7.65
CIElCh	72, 47.815, 170.791
Yxy	43.5898, 0.2482, 0.3891
Android (android.graphics.Color)	4281321121 (0xFF2FC6A1)
YUV	148.6330, 6.0969, -89.1321
Hunter-Lab	66.0226, -40.3707, 9.7260

Details

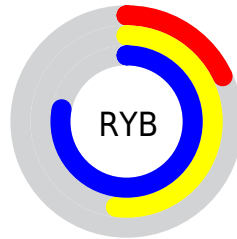
The YIQ color **148.6330, -78.1190, -43.5190** is a dark color, and the websafe version is hex **33CC99**. The color can be described as middle muted spring green. A complement of this color would be **96.3670, 78.1190, 43.5190**, and the grayscale version is **149.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **209.2920, -69.7290, -41.3850**, and **96.3670, -74.3140, -40.8900** is the 20% darker color. If you saturate the color by 10%, you get **142.0830, -88.4340, -49.3140**, and if you desaturate by 10%, it is **155.1830, -67.8040, -37.7240**.

Distribution



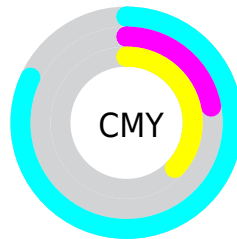
- Red (18%)
- Green (78%)
- Blue (63%)



- Red (18%)
- Yellow (52%)
- Blue (78%)



- Cyan (76%)
- Magenta (0%)
- Yellow (19%)
- Black (22%)



- Cyan (82%)
- Magenta (22%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 148.6330, -78.1190, -43.5190 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 148.6330, -78.1190, -43.5190 by changing the saturation by 10% instead.

■ 148.6330,
-78.1190, -43.5190

■ 148.6330,
-78.1190, -43.5190

■ 255.0000, -0.0000,
-0.0000

■ 115.1800,
-90.0850, -46.9250

■ 209.2920,
-69.7290, -41.3850

■ 96.3670, -74.3140,
-40.8900

■ 221.4540,
-60.8370, -26.3170

■ 78.3690, -59.4600,
-34.7560

■ 231.6780,
-46.4880, -16.5360

■ 60.4850, -44.9270,
-28.3110

■ 240.9470,
-28.0120, -9.9640

■ 43.3020, -30.9900,
-22.0780

■ 249.9170,
-10.1320, -3.6040

■ 28.1080, -18.5200,
-16.7920

■ 7.6310, -3.5750,

-6.7990

■ 0.0000, 0.0000,
0.0000

■ 148.6330,
-78.1190, -43.5190

■ 148.6330,
-78.1190, -43.5190

■ 142.0830,
-88.4340, -49.3140

■ 155.1830,
-67.8040, -37.7240

■ 135.5330,
-98.7490, -55.1090

■ 161.7330,
-57.4890, -31.9290

■ 133.2120,
-102.2790, -57.2150

■ 167.9840,
-47.7700, -26.3460

■ 174.4200,
-37.1340, -20.8620

■ 180.9700,
-26.8190, -15.0670

■ 187.5200,
-16.5040, -9.2720

■ 194.0700, -6.1890,
-3.4770

■ 200.3210, 3.5300,
2.1060

■ 206.8710, 13.8450,
7.9010

Harmonies

Analogous

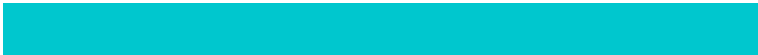
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



163.3350, -18.5620, -38.0660



148.6330, -78.1190, -43.5190



140.2970, -120.8510, -40.0110

Triad

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



148.6330, -78.1190, -43.5190



176.4010, -33.8410, 24.1030



176.4920, 68.9560, 5.8200

Complementary

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



148.6330, -78.1190, -43.5190



96.3670, 78.1190, 43.5190

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.



176.4710, 65.4220, 25.8220



148.6330, -78.1190, -43.5190



181.4410, 13.3810, 38.3490

Square

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



148.6330, -78.1190, -43.5190



158.2960, -91.6060, -2.8220



180.2910, 48.9140, 38.6580



173.6340, 53.0960, -15.1280

Rectangle

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



148.6330, -78.1190, -43.5190



141.5000, -128.3720, -30.3560



180.2910, 48.9140, 38.6580



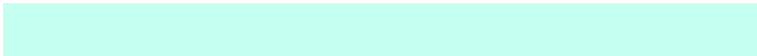
176.6050, 70.3760, 13.1280

Sweetspot

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



148.6330, -78.1190, -43.5190



235.7630, -30.6700, -16.8620



146.9990, -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.



148.6330, -78.1190, -43.5190



178.1230, -121.4420, -67.8580



130.5450, -79.5460, -12.1380



96.0810, -4.7220, -2.5300



109.7030, -84.3080, -46.9960



24.2100, -18.5670, -10.4310

Inverse Universe

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



96.3670, 78.1190, 43.5190



96.8770, 121.4420, 67.8580



114.4550, 79.5460, 12.1380



92.9190, 4.7220, 2.5300



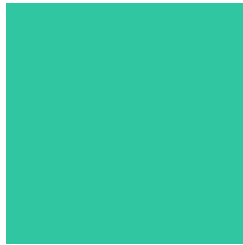
53.2970, 84.3080, 46.9960



11.7900, 18.5670, 10.4310

Previews

White Background



This preview shows how the YIQ color 148.6330, -78.1190, -43.5190 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 148.6330, -78.1190, -43.5190 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

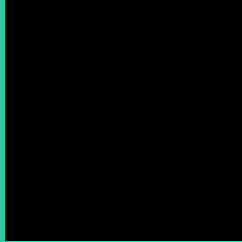
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

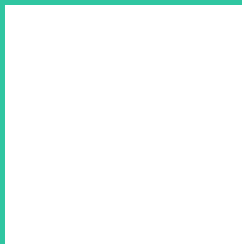
Any Text WCAG AAA ✓ Pass

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

YIQ 148.6330, -78.1190, -43.5190 Background



This preview shows how black text looks on a background with the YIQ color 148.6330, -78.1190, -43.5190.



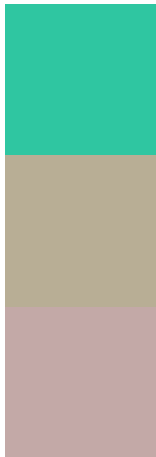
This preview shows how white text looks on a background with the YIQ color 148.6330, -78.1190, -43.5190.

-43.5190.

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

148.6330, -78.1190, -43.5190

Protanopia

174.1400, 13.9850, -5.6550

Deuteranopia

176.5460, 16.1380, 4.8900



Tritanopia

158.1290, -75.7390, -20.5630

Trichromacy



Original Color

148.6330, -78.1190, -43.5190



Protanomaly

164.9290, -19.5740, -19.7180



Deuteranomaly

166.6290, -18.4290, -12.9330



Tritanomaly

154.6740, -76.1960, -28.8040

Monochromacy



Original Color

148.6330, -78.1190, -43.5190



Achromatopsia

149.0000, 0.0000, -0.0000



Achromatomaly

148.9590, -28.2860, -16.0140

CSS Examples

Text

The CSS property to change the color of the text to YIQ 148.6330, -78.1190, -43.5190 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(47, 198, 161)` looks like.

```
.text, #text, p{  
    color:rgb(47, 198, 161)  
}
```

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(47, 198, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(47, 198, 161) }
```

Border

The CSS property to change the border of an element to YIQ 148.6330, -78.1190, -43.5190 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(47, 198, 161) }
```


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

```
.border{ border-color:rgb(47, 198, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(47, 198, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(47, 198, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(47, 198, 161);  
box-shadow:4px 4px 4px 4px rgb(47, 198,  
161) }
```

Background

The CSS property to change the background color of an element to YIQ 148.6330, -78.1190, -43.5190 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(47, 198, 161) }
```

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

```
.background{ background-color: rgb(47, 198,  
161) }
```

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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