

Converting Colors

YIQ(147.6820, -79.8150,
-45.8230)

Have a look what the booklet for
YIQ(147.6820, -79.8150, -45.8230)
contains.

YIQ(147.6820, -79.8150, -45.8230)	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(147.6820, -79.8150,
-45.8230)**

Conversions

Conversions Part 1

Format	Color
Hex	2BC79E
RGB	43, 199, 158
RGB Percent	17%, 78%, 62%
CMY	0.8317, 0.2193, 0.3807
CMYK	0.78, 0.00, 0.21, 0.22
HSL	164°, 65%, 47%
HSV	164°, 78%, 78%
XYZ	27.5958, 43.8545, 39.3253
YIQ	147.6820, -79.8150, -45.8230

Conversions

Conversions Part 2

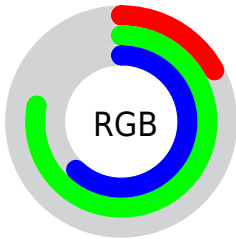
Format	Color
RYB	43, 133, 199
Decimal	2869150
CIELab	72.13, -48.79, 9.52
CIElCh	72, 49.712, 168.959
Yxy	43.8545, 0.2491, 0.3959
Android (android.graphics.Color)	4281059230 (0xFF2BC79E)
YUV	147.6820, 5.0868, -91.8061
Hunter-Lab	66.2227, -41.5067, 11.1475

Details

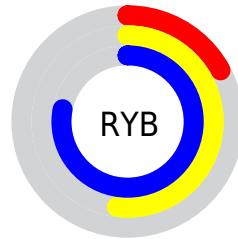
The YIQ color **147.6820, -79.8150, -45.8230** is a dark color, and the websafe version is hex **33CC99**. The color can be described as dark muted spring green. A complement of this color would be **94.3180, 79.8150, 45.8230**, and the grayscale version is **148.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **208.0530, -70.5540, -42.9540**, and **96.7260, -73.9470, -42.0350** is the 20% darker color. If you saturate the color by 10%, you get **141.1320, -90.1300, -51.6180**, and if you desaturate by 10%, it is **154.2320, -69.5000, -40.0280**.

Distribution



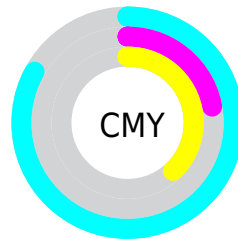
- Red (17%)
- Green (78%)
- Blue (62%)



- Red (17%)
- Yellow (52%)
- Blue (78%)



- Cyan (78%)
- Magenta (0%)
- Yellow (21%)
- Black (22%)



- Cyan (83%)
- Magenta (22%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 147.6820, -79.8150, -45.8230 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 147.6820, -79.8150, -45.8230 by changing the saturation by 10% instead.

■ 147.6820,
-79.8150, -45.8230

■ 147.6820,
-79.8150, -45.8230

■ 255.0000, -0.0000,
-0.0000

■ 115.4250,
-89.3970, -48.3810

■ 208.0530,
-70.5540, -42.9540

■ 96.7260, -73.9470,
-42.0350

■ 220.5140,
-61.0660, -27.6740

■ 78.6140, -58.7720,
-36.2120

■ 231.3790,
-47.0840, -16.7480

■ 60.7300, -44.2390,
-29.7670

■ 240.3490,
-29.2040, -10.3880

■ 43.6610, -30.6230,
-23.2230

■ 249.6180,
-10.7280, -3.8160

■ 28.3530, -17.8320,
-18.2480

■ 8.2180, -3.8500,

-7.3220

■ 0.0000, 0.0000,
0.0000

■ 147.6820,
-79.8150, -45.8230

■ 147.6820,
-79.8150, -45.8230

■ 141.1320,
-90.1300, -51.6180

■ 154.2320,
-69.5000, -40.0280

■ 134.4680,
-100.1240, -57.7240


■ 160.7820,
-59.1850, -34.2330


■ 133.5710,
-101.9120, -58.3600


■ 167.4460,
-49.1910, -28.1270


■ 173.9960,
-38.8760, -22.3320

■ 180.2470,
-29.1570, -16.7490

 186.7970,
-18.8420, -10.9540

 193.4610, -8.8480,
-4.8480

 200.0110, 1.4670,
0.9470

 206.5610, 11.7820,
6.7420

Harmonies

Analogous

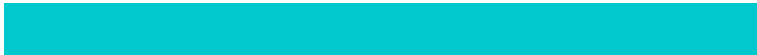
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



163.7650, -16.9570, -39.6210



147.6820, -79.8150, -45.8230



140.7700, -120.8050, -40.8450

Triad

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



147.6820, -79.8150, -45.8230



175.4930, -37.0960, 22.5200



176.5140, 71.8900, 7.7140

Complementary

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



147.6820, -79.8150, -45.8230



94.3180, 79.8150, 45.8230

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.



175.5250, 65.3300, 27.4900



147.6820, -79.8150, -45.8230



182.2990, 10.9050, 39.1690

Square

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



147.6820, -79.8150, -45.8230



152.8920, -105.2680, -8.5320



180.7580, 49.0970, 40.8490



173.9010, 56.7180, -14.6900

Rectangle

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



147.6820, -79.8150, -45.8230



142.7880, -129.2430, -31.0910



180.7580, 49.0970, 40.8490



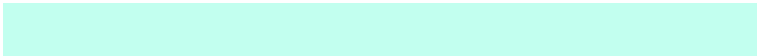
176.4420, 72.3930, 15.1210

Sweetspot

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



147.6820, -79.8150, -45.8230



234.9370, -31.2200, -17.9080



147.1300, -17.8680, -72.6840



115.7970, -18.8420, -10.9540



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.



147.6820, -79.8150, -45.8230



176.0580, -122.8170, -70.4730



131.2240, -83.0760, -14.2440



96.0810, -4.7220, -2.5300



109.3610, -83.3450, -47.9290



24.0960, -18.2460, -10.7420

Inverse Universe

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



94.3180, 79.8150, 45.8230



93.9420, 122.8170, 70.4730



110.7760, 83.0760, 14.2440



92.9190, 4.7220, 2.5300



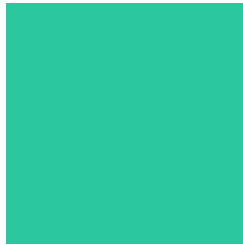
53.6390, 83.3450, 47.9290



11.7900, 18.5670, 10.4310

Previews

White Background



This preview shows how the YIQ color 147.6820, -79.8150, -45.8230 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 147.6820, -79.8150, -45.8230 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

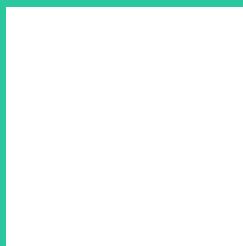
Any Text WCAG AAA ✓ Pass

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

YIQ 147.6820, -79.8150, -45.8230 Background



This preview shows how black text looks on a background with the YIQ color 147.6820, -79.8150, -45.8230.



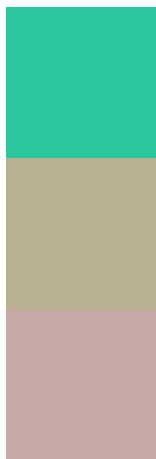
This preview shows how white text looks on a background with the YIQ color 147.6820, -79.8150, -45.8230.

-45.8230.

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

147.6820, -79.8150, -45.8230

Protanopia

174.6840, 15.2690, -6.8990

Deuteranopia

176.5030, 17.6970, 4.1690



Tritanopia

157.9440, -76.6560, -20.4640

Trichromacy



Original Color

147.6820, -79.8150, -45.8230



Protanomaly

164.8750, -19.4820, -21.3860



Deuteranomaly

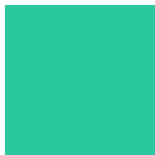
165.9880, -18.0620, -14.0780



Tritanomaly

154.3640, -78.2590, -29.9630

Monochromacy



Original Color

147.6820, -79.8150, -45.8230



Achromatopsia

148.0000, -0.0000, 0.0000



Achromatomaly

148.2470, -29.1570, -16.7490

CSS Examples

Text

The CSS property to change the color of the text to YIQ 147.6820, -79.8150, -45.8230 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(43, 199, 158)` looks like.

```
.text, #text, p{  
    color:rgb(43, 199, 158)  
}
```

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(43, 199, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(43, 199, 158) }
```

Border

The CSS property to change the border of an element to YIQ 147.6820, -79.8150, -45.8230 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(43, 199, 158) }
```


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

```
.border{ border-color:rgb(43, 199, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(43, 199, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(43, 199, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(43, 199, 158);  
box-shadow:4px 4px 4px 4px rgb(43, 199,  
158) }
```

Background

The CSS property to change the background color of an element to YIQ 147.6820, -79.8150, -45.8230 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(43, 199, 158) }
```

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

```
.background{ background-color: rgb(43, 199,  
158) }
```

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