

Converting Colors

YIQ(149.1950, -77.2460,
-53.8380)

Have a look what the booklet for
YIQ(149.1950, -77.2460, -53.8380)
contains.

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Color

**YIQ(149.1950, -77.2460,
-53.8380)**

Conversions

Conversions Part 1

Format	Color
Hex	2ACD8F
RGB	42, 205, 143
RGB Percent	16%, 80%, 56%
CMY	0.8357, 0.1958, 0.4395
CMYK	0.80, 0.00, 0.30, 0.20
HSL	157°, 66%, 48%
HSV	157°, 80%, 80%
XYZ	27.7510, 46.1665, 33.4088
YIQ	149.1950, -77.2460, -53.8380

Conversions

Conversions Part 2

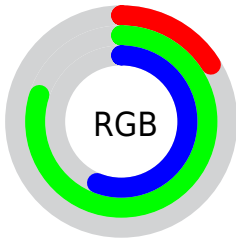
Format	Color
RYB	42, 143, 205
Decimal	2805135
CIELab	73.65, -54.73, 19.68
CIELCh	74, 58.164, 160.224
Yxy	46.1665, 0.2586, 0.4302
Android (android.graphics.Color)	4280995215 (0xFF2ACD8F)
YUV	149.1950, -3.0541, -94.0100
Hunter-Lab	67.9459, -46.0010, 18.4094

Details

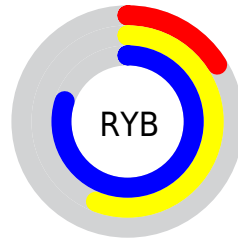
The YIQ color **149.1950, -77.2460, -53.8380** is a dark color, and the websafe version is hex **00CC99**. The color can be described as dark muted spring green. A complement of this color would be **97.8050, 77.2460, 53.8380**, and the grayscale version is **149.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **206.5280, -64.8220, -47.7180**, and **97.9510, -70.5070, -49.3150** is the 20% darker color. If you saturate the color by 10%, you get **142.0040, -87.1940, -60.7780**, and if you desaturate by 10%, it is **156.0870, -67.8940, -47.1100**.

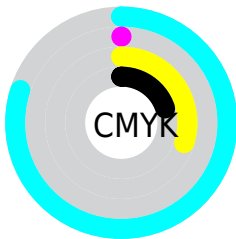
Distribution



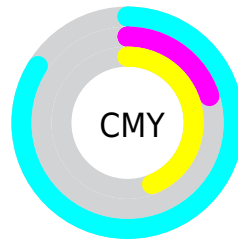
- Red (16%)
- Green (80%)
- Blue (56%)



- Red (16%)
- Yellow (56%)
- Blue (80%)



- Cyan (80%)
- Magenta (0%)
- Yellow (30%)
- Black (20%)



- Cyan (84%)
- Magenta (20%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 149.1950, -77.2460, -53.8380 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 149.1950, -77.2460, -53.8380 by changing the saturation by 10% instead.

■ 149.1950,
-77.2460, -53.8380

■ 149.1950,
-77.2460, -53.8380

■ 255.0000, -0.0000,
-0.0000

■ 117.2370,
-86.2320, -56.1840

■ 206.5280,
-64.8220, -47.7180

■ 98.5380, -70.7820,
-49.8380

■ 218.9890,
-55.3340, -32.4380

■ 79.9530, -55.6530,
-43.1810

■ 231.2650,
-46.7630, -17.0590

■ 62.1830, -41.4410,
-36.4250

■ 240.6480,
-28.6080, -10.1760

■ 45.0000, -27.5040,
-30.1920

■ 249.6180,
-10.7280, -3.8160

■ 28.7630, -13.4750,
-25.6270

■ 12.3270, -5.7750,

-10.9830

■ 0.0000, 0.0000,
0.0000

■ 149.1950,
-77.2460, -53.8380

■ 149.1950,
-77.2460, -53.8380

■ 142.0040,
-87.1940, -60.7780

■ 156.0870,
-67.8940, -47.1100

■ 135.1120,
-96.5460, -67.5060

■ 163.2780,
-57.9460, -40.1700

■ 134.8130,
-97.1420, -67.7180

■ 170.0560,
-48.2730, -33.7530

■ 177.2470,
-38.3250, -26.8130

■ 184.1390,
-28.9730, -20.0850

■ 191.3300,
-19.0250, -13.1450

■ 198.2220, -9.6730,
-6.4170

■ 205.2990, 0.5960,
0.2120

■ 212.1910, 9.9480,
6.9400

Harmonies

Analogous

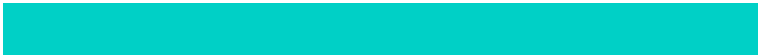
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



167.2470, -3.9350, -44.3430



149.1950, -77.2460, -53.8380



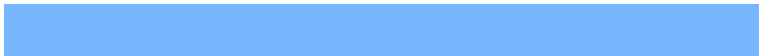
144.6680, -120.7580, -47.2060

Triad

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



149.1950, -77.2460, -53.8380



170.8980, -60.7060, 9.8700



175.0570, 74.9150, 13.4670

Complementary

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



149.1950, -77.2460, -53.8380



97.8050, 77.2460, 53.8380

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.



173.7130, 62.1650, 35.2930



149.1950, -77.2460, -53.8380



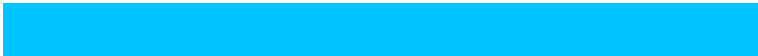
184.5950, -1.6120, 40.2440

Square

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



149.1950, -77.2460, -53.8380



144.1220, -135.7550, -23.2030



183.2770, 43.5020, 48.6380



177.6210, 72.3060, -10.8460

Rectangle

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



149.1950, -77.2460, -53.8380



148.0710, -131.7180, -35.7980



183.2770, 43.5020, 48.6380



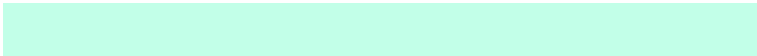
173.2450, 71.7500, 21.2700

Sweetspot

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



149.1950, -77.2460, -53.8380



234.1390, -28.9730, -20.0850



156.2190, -7.8730, -72.1050



115.2270, -17.2370, -12.5090



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.



149.1950, -77.2460, -53.8380



172.1540, -114.7000, -79.9160



145.1100, -91.9230, -24.6190



98.5540, -4.6760, -3.3640



109.1840, -78.7130, -54.7850



25.0420, -18.1540, -12.4100

Inverse Universe

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



97.8050, 77.2460, 53.8380



95.8460, 114.7000, 79.9160



101.8900, 91.9230, 24.6190



95.4460, 4.6760, 3.3640



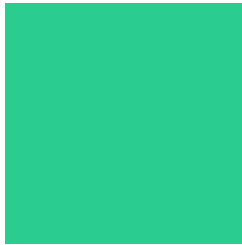
56.8160, 78.7130, 54.7850



13.0720, 17.8330, 12.7210

Previews

White Background



This preview shows how the YIQ color 149.1950, -77.2460, -53.8380 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 149.1950, -77.2460, -53.8380 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

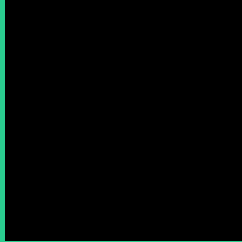
Any Text WCAG AA ✓ Pass

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 149.1950, -77.2460, -53.8380 Background



This preview shows how black text looks on a background with the YIQ color 149.1950, -77.2460, -53.8380.



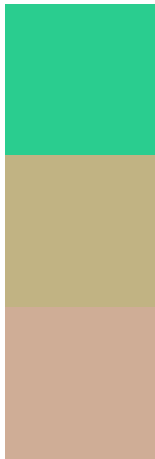
This preview shows how white text looks on a background with the YIQ color 149.1950, -77.2460, -53.8380.

-53.8380.

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

149.1950, -77.2460, -53.8380

Protanopia

177.7140, 23.7520, -11.9600

Deuteranopia

180.5440, 27.6470, 0.0550



Tritanopia

162.8410, -74.8680, -19.8280

Trichromacy



Original Color

149.1950, -77.2460, -53.8380



Protanomaly

167.0080, -12.7870, -27.0830



Deuteranomaly

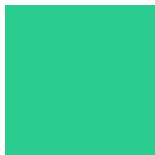
169.3060, -10.4500, -19.8740



Tritanomaly

157.8650, -75.4160, -31.9280

Monochromacy



Original Color

149.1950, -77.2460, -53.8380



Achromatopsia

149.0000, 0.0000, -0.0000



Achromatomaly

148.8510, -28.1020, -19.3500

CSS Examples

Text

The CSS property to change the color of the text to YIQ 149.1950, -77.2460, -53.8380 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(42, 205, 143)` looks like.

```
.text, #text, p{  
    color:rgb(42, 205, 143)  
}
```

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(42, 205, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(42, 205, 143) }
```

Border

The CSS property to change the border of an element to YIQ 149.1950, -77.2460, -53.8380 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(42, 205, 143) }
```


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

```
.border{ border-color:rgb(42, 205, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(42, 205, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(42, 205, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(42, 205, 143);  
box-shadow:4px 4px 4px 4px rgb(42, 205,  
143) }
```

Background

The CSS property to change the background color of an element to YIQ 149.1950, -77.2460, -53.8380 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(42, 205, 143) }
```

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

```
.background{ background-color: rgb(42, 205,  
143) }
```

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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