

Converting Colors

YIQ(139.4190, -72.0650,
-54.1210)

Have a look what the booklet for
YIQ(139.4190, -72.0650, -54.1210)
contains.

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Color

**YIQ(139.4190, -72.0650,
-54.1210)**

Conversions

Conversions Part 1

Format	Color
Hex	25C27F
RGB	37, 194, 127
RGB Percent	15%, 76%, 50%
CMY	0.8553, 0.2389, 0.5022
CMYK	0.81, 0.00, 0.35, 0.24
HSL	154°, 68%, 45%
HSV	154°, 81%, 76%
XYZ	23.8925, 40.5350, 26.6231
YIQ	139.4190, -72.0650, -54.1210

Conversions

Conversions Part 2

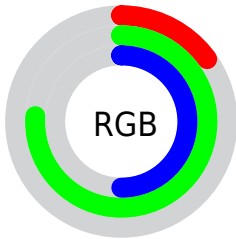
Format	Color
RYB	37, 137, 194
Decimal	2474623
CIELab	69.85, -54.48, 22.95
CIELCh	70, 59.119, 157.155
Yxy	40.5350, 0.2624, 0.4452
Android (android.graphics.Color)	4280664703 (0xFF25C27F)
YUV	139.4190, -6.1226, -89.8215
Hunter-Lab	63.6671, -44.4314, 19.7742

Details

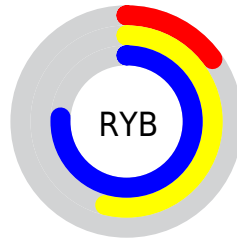
The YIQ color **139.4190, -72.0650, -54.1210** is a dark color, and the websafe version is hex **00CC99**. The color can be described as dark muted spring green. A complement of this color would be **91.5810, 72.0650, 54.1210**, and the grayscale version is **140.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **201.3340, -61.5200, -52.4960**, and **90.3710, -62.9420, -48.7500** is the 20% darker color. If you saturate the color by 10%, you get **132.5270, -81.4170, -60.8490**, and if you desaturate by 10%, it is **146.0120, -63.3090, -47.6050**.

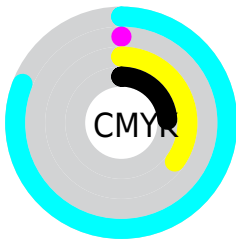
Distribution



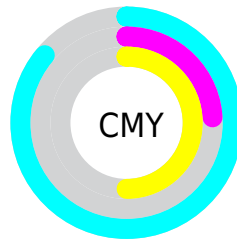
- Red (15%)
- Green (76%)
- Blue (50%)



- Red (15%)
- Yellow (54%)
- Blue (76%)



- Cyan (81%)
- Magenta (0%)
- Yellow (35%)
- Black (24%)



- Cyan (86%)
- Magenta (24%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 139.4190, -72.0650, -54.1210 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 139.4190, -72.0650, -54.1210 by changing the saturation by 10% instead.

■ 139.4190,
-72.0650, -54.1210

■ 139.4190,
-72.0650, -54.1210

■ 255.0000, -0.0000,
-0.0000

■ 109.0700,
-78.3920, -55.0960

■ 201.3340,
-61.5200, -52.4960

■ 90.3710, -62.9420,
-48.7500

■ 215.2570,
-53.4530, -38.9970

■ 72.4870, -48.4090,
-42.3050

■ 227.4190,
-44.5610, -23.9290

■ 54.6030, -33.8760,
-35.8600

■ 238.8540,
-32.1840, -11.4480

■ 37.4200, -19.9390,
-29.6270

■ 247.8240,
-14.3040, -5.0880

■ 23.4800, -11.0000,
-20.9200

■ 0.0000, 0.0000,

0.0000

■ 139.4190,
-72.0650, -54.1210

■ 139.4190,
-72.0650, -54.1210

■ 132.5270,
-81.4170, -60.8490

■ 146.0120,
-63.3090, -47.6050

■ 126.5320,
-88.9810, -66.9410

■ 153.0180,
-54.2780, -40.5660

■ 159.6110,
-45.5220, -34.0500

■ 166.5030,
-36.1700, -27.3220

■ 173.0960,
-27.4140, -20.8060

■ 179.8030,
-18.9790, -13.9790

■ 186.6950, -9.6270,
-7.2510

■ 193.2880, -0.8710,
-0.7350

■ 200.2940, 8.1600,
6.3040

Harmonies

Analogous

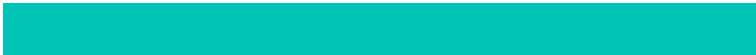
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



157.4710, 1.2460, -44.6260



139.4190, -72.0650, -54.1210



136.3870, -112.5970, -46.4290

Triad

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



139.4190, -72.0650, -54.1210



156.9440, -75.5150, 8.4290



166.7420, 80.4160, 18.4000

Complementary

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



139.4190, -72.0650, -54.1210



91.5810, 72.0650, 54.1210

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.



166.0990, 67.0700, 40.0140



139.4190, -72.0650, -54.1210



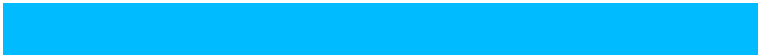
174.8160, -9.5440, 40.8240

Square

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



139.4190, -72.0650, -54.1210



138.8390, -133.2800, -18.4960



174.1460, 42.4930, 50.4050



167.4580, 74.3230, -8.8530

Rectangle

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



139.4190, -72.0650, -54.1210



139.9040, -123.8780, -34.7100



174.1460, 42.4930, 50.4050



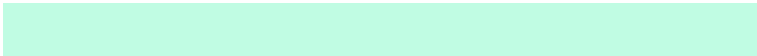
165.6310, 76.6550, 25.9910

Sweetspot

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



139.4190, -72.0650, -54.1210



231.2100, -27.7350, -20.4950



149.4910, -2.6470, -67.6950



115.1130, -16.9160, -12.8200



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.



139.4190, -72.0650, -54.1210



167.1880, -112.0400, -84.0720



141.1870, -90.8220, -28.0540



93.5540, -4.6760, -3.3640



104.9950, -73.8070, -55.5910



21.5370, -15.1740, -11.3500

Inverse Universe

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



91.5810, 72.0650, 54.1210



92.8120, 112.0400, 84.0720



89.8130, 90.8220, 28.0540



90.4460, 4.6760, 3.3640



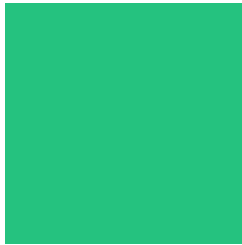
56.0050, 73.8070, 55.5910



11.4630, 15.1740, 11.3500

Previews

White Background



This preview shows how the YIQ color 139.4190, -72.0650, -54.1210 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 139.4190, -72.0650, -54.1210 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

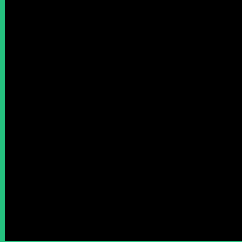
Any Text WCAG AA ✓ Pass

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 139.4190, -72.0650, -54.1210 Background



This preview shows how black text looks on a background with the YIQ color 139.4190, -72.0650, -54.1210.



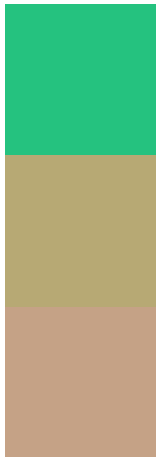
This preview shows how white text looks on a background with the YIQ color 139.4190, -72.0650, -54.1210.

-54.1210.

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

139.4190, -72.0650, -54.1210

Protanopia

167.1440, 25.3570, -13.5150

Deuteranopia

169.2730, 29.8480, -1.2880



Tritanopia

153.8200, -70.3750, -18.6550

Trichromacy



Original Color

139.4190, -72.0650, -54.1210



Protanomaly

157.0360, -9.9900, -28.2140



Deuteranomaly

158.6330, -7.0570, -20.7930



Tritanomaly

148.3170, -70.8770, -31.5890

Monochromacy



Original Color

139.4190, -72.0650, -54.1210



Achromatopsia

139.0000, -0.0000, 0.0000



Achromatomaly

139.2210, -26.2680, -19.5480

CSS Examples

Text

The CSS property to change the color of the text to YIQ 139.4190, -72.0650, -54.1210 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(37, 194, 127)` looks like.

```
.text, #text, p{  
    color:rgb(37, 194, 127)  
}
```

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(37, 194, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(37, 194, 127) }
```

Border

The CSS property to change the border of an element to YIQ 139.4190, -72.0650, -54.1210 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(37, 194, 127) }
```


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

```
.border{ border-color:rgb(37, 194, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(37, 194, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(37, 194, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(37, 194, 127);  
box-shadow:4px 4px 4px 4px rgb(37, 194,  
127) }
```

Background

The CSS property to change the background color of an element to YIQ 139.4190, -72.0650, -54.1210 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(37, 194, 127) }
```

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

```
.background{ background-color: rgb(37, 194,  
127) }
```

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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