

Converting Colors

YIQ(158.7940, -59.4590,
-40.2830)

Have a look what the booklet for
YIQ(158.7940, -59.4590, -40.2830)
contains.

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Color

**YIQ(158.7940, -59.4590,
-40.2830)**

Conversions

Conversions Part 1

Format	Color
Hex	4DC99C
RGB	77, 201, 156
RGB Percent	30%, 79%, 61%
CMY	0.6983, 0.2115, 0.3884
CMYK	0.62, 0.00, 0.22, 0.21
HSL	158°, 53%, 55%
HSV	158°, 62%, 79%
XYZ	29.9491, 45.7705, 38.6858
YIQ	158.7940, -59.4590, -40.2830

Conversions

Conversions Part 2

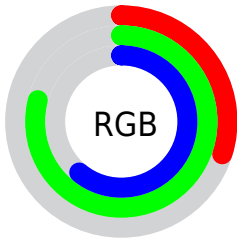
Format	Color
RYB	77, 153, 201
Decimal	5097884
CIELab	73.40, -45.09, 12.48
CIELCh	73, 46.784, 164.531
Yxy	45.7705, 0.2618, 0.4001
Android (android.graphics.Color)	4283287964 (0xFF4DC99C)
YUV	158.7940, -1.3774, -71.7333
Hunter-Lab	67.6539, -39.3757, 13.4545

Details

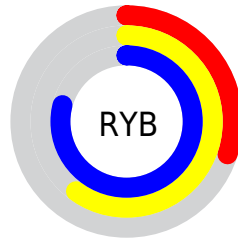
The YIQ color **158.7940, -59.4590, -40.2830** is a dark color, and the websafe version is hex **66CC99**. The color can be described as middle muted spring green. A complement of this color would be **119.2060, 59.4590, 40.2830**, and the grayscale version is **159.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **214.7020, -56.2040, -38.7000**, and **97.6720, -73.8550, -43.7030** is the 20% darker color. If you saturate the color by 10%, you get **152.0160, -69.1320, -46.7000**, and if you desaturate by 10%, it is **165.5720, -49.7860, -33.8660**.

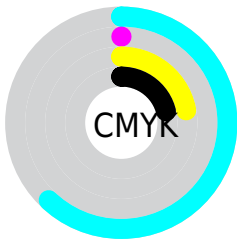
Distribution



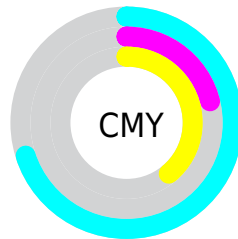
- Red (30%)
- Green (79%)
- Blue (61%)



- Red (30%)
- Yellow (60%)
- Blue (79%)



- Cyan (62%)
- Magenta (0%)
- Yellow (22%)
- Black (21%)



- Cyan (70%)
- Magenta (21%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 158.7940, -59.4590, -40.2830 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 158.7940, -59.4590, -40.2830 by changing the saturation by 10% instead.

■ 158.7940,
-59.4590, -40.2830

■ 158.7940,
-59.4590, -40.2830

■ 255.0000, -0.0000,
-0.0000

■ 128.9290,
-64.2730, -41.1450

■ 214.5880,
-55.8830, -39.0110

■ 97.6720, -73.8550,
-43.7030

■ 226.8640,
-47.3120, -23.6320

■ 79.5600, -58.6800,
-37.8800

■ 237.3590,
-35.1640, -12.5080

■ 61.6760, -44.1470,
-31.4350

■ 246.3290,
-17.2840, -6.1480

■ 44.6070, -30.5310,
-24.8910

■ 28.7120, -17.4650,
-19.3930

■ 11.7400, -5.5000,

-10.4600

■ 0.0000, 0.0000,
0.0000

■ 158.7940,
-59.4590, -40.2830

■ 158.7940,
-59.4590, -40.2830

■ 152.0160,
-69.1320, -46.7000

■ 165.5720,
-49.7860, -33.8660

■ 145.1240,
-78.4840, -53.4280

■ 172.4640,
-40.4340, -27.1380

■ 138.3460,
-88.1570, -59.8450

■ 179.2420,
-30.7610, -20.7210

■ 132.5790,
-96.3630, -65.3150

■ 186.0200,
-21.0880, -14.3040

■ 192.7980,
-11.4150, -7.8870

■ 199.9890, -1.4670,
-0.9470

■ 206.7670, 8.2060,
5.4700

■ 213.5450, 17.8790,
11.8870

■ 219.5400, 25.4430,
17.9790

Harmonies

Analogous

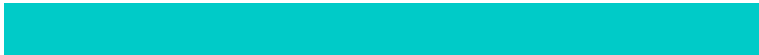
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



169.3640, -8.3380, -36.1300



158.7940, -59.4590, -40.2830



141.9610, -120.0250, -43.9690

Triad

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



158.7940, -59.4590, -40.2830



177.5200, -41.7260, 18.3220



180.5400, 69.0010, 10.5130

Complementary

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



158.7940, -59.4590, -40.2830



119.2060, 59.4590, 40.2830

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.



180.3010, 60.1490, 27.7730



158.7940, -59.4590, -40.2830



185.1840, 3.7990, 35.7910

Square

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



158.7940, -59.4590, -40.2830



157.3330, -102.1960, -9.1400



184.5830, 42.2200, 38.8280



178.4220, 56.8090, -10.8310

Rectangle

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



158.7940, -59.4590, -40.2830



143.9790, -128.4630, -34.2150



184.5830, 42.2200, 38.8280



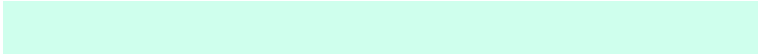
180.1580, 67.4410, 16.7610

Sweetspot

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



158.7940, -59.4590, -40.2830



238.5960, -22.8300, -15.7740



163.2430, -7.2800, -55.3120



117.7760, -14.3490, -9.7810



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.



158.7940, -59.4590, -40.2830



190.6230, -90.4950, -61.5270



154.5320, -69.5040, -17.9200



95.9670, -4.4010, -2.8410



107.5370, -78.2090, -52.9050



23.7540, -17.2830, -11.6750

Inverse Universe

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



119.2060, 59.4590, 40.2830



130.3770, 90.4950, 61.5270



123.4680, 69.5040, 17.9200



93.0330, 4.4010, 2.8410



55.4630, 78.2090, 52.9050



12.2460, 17.2830, 11.6750

Previews

White Background



This preview shows how the YIQ color 158.7940, -59.4590, -40.2830 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 158.7940, -59.4590, -40.2830 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 158.7940, -59.4590, -40.2830 Background



This preview shows how black text looks on a background with the YIQ color 158.7940, -59.4590, -40.2830.



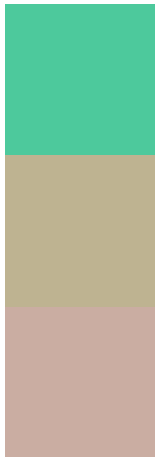
This preview shows how white text looks on a background with the YIQ color 158.7940, -59.4590, -40.2830.

-40.2830.

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

158.7940, -59.4590, -40.2830

Protanopia

178.4130, 17.4700, -8.2420

Deuteranopia

180.4170, 20.8150, 2.7270



Tritanopia

166.5220, -63.5440, -15.8000

Trichromacy



Original Color

158.7940, -59.4590, -40.2830



Protanomaly

171.3060, -10.4500, -19.8740



Deuteranomaly

172.6040, -8.1130, -12.6650



Tritanomaly

163.9100, -62.1210, -25.0730

Monochromacy



Original Color

158.7940, -59.4590, -40.2830



Achromatopsia

159.0000, -0.0000, 0.0000



Achromatomaly

158.7210, -21.6840, -14.5160

CSS Examples

Text

The CSS property to change the color of the text to YIQ 158.7940, -59.4590, -40.2830 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(77, 201, 156)` looks like.

```
.text, #text, p{  
    color:rgb(77, 201, 156)  
}
```

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(77, 201, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(77, 201, 156) }
```

Border

The CSS property to change the border of an element to YIQ 158.7940, -59.4590, -40.2830 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(77, 201, 156) }
```


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

```
.border{ border-color:rgb(77, 201, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(77, 201, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(77, 201, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(77, 201, 156);  
box-shadow:4px 4px 4px 4px rgb(77, 201,  
156) }
```

Background

The CSS property to change the background color of an element to YIQ 158.7940, -59.4590, -40.2830 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(77, 201, 156) }
```

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

```
.background{ background-color: rgb(77, 201,  
156) }
```

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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