

Converting Colors

YIQ(171.7940, -59.4590,
-40.2830)

Have a look what the booklet for
YIQ(171.7940, -59.4590, -40.2830)
contains.

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Color

**YIQ(171.7940, -59.4590,
-40.2830)**

Conversions

Conversions Part 1	
Format	Color
Hex	5AD6A9
RGB	90, 214, 169
RGB Percent	35%, 84%, 66%
CMY	0.6474, 0.1606, 0.3374
CMYK	0.58, 0.00, 0.21, 0.16
HSL	158°, 60%, 60%
HSV	158°, 58%, 84%
XYZ	35.4248, 53.1516, 45.9031
YIQ	171.7940, -59.4590, -40.2830

Conversions

Conversions Part 2

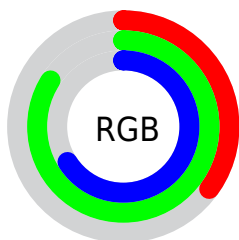
Format	Color
RYB	90, 166, 214
Decimal	5953193
CIELab	77.96, -45.19, 12.04
CIELCh	78, 46.770, 165.079
Yxy	53.1516, 0.2634, 0.3952
Android (android.graphics.Color)	4284143273 (0xFF5AD6A9)
YUV	171.7940, -1.3774, -71.7333
Hunter-Lab	72.9052, -40.8505, 13.7030

Details

The YIQ color **171.7940, -59.4590, -40.2830** is a light color, and the websafe version is hex **66CC99**. The color can be described as light muted spring green. A complement of this color would be **132.2060, 59.4590, 40.2830**, and the grayscale version is **172.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **220.0710, -52.6290, -31.9010**, and **107.8780, -77.4310, -44.9750** is the 20% darker color. If you saturate the color by 10%, you get **164.6030, -69.4070, -47.2230**, and if you desaturate by 10%, it is **178.9850, -49.5110, -33.3430**.

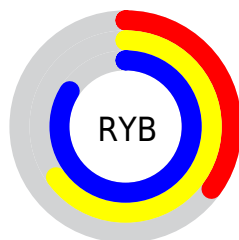
Distribution



Red (35%)

Green (84%)

Blue (66%)



Red (35%)

Yellow (65%)

Blue (84%)

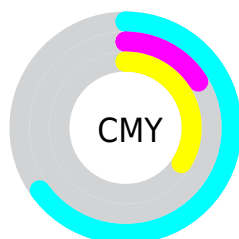


Cyan (58%)

Magenta (0%)

Yellow (21%)

Black (16%)



Cyan (65%)


Magenta (16%)


Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 171.7940, -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 171.7940, -59.4590, -40.2830 by changing the saturation by 10% instead.

 171.7940,
-59.4590, -40.2830


 171.7940,
-59.4590, -40.2830


255.0000, -0.0000,
-0.0000


 142.4130,
-62.7600, -41.0320


 220.0710,
-52.6290, -31.9010


 107.8780,
-77.4310, -44.9750


 232.0480,
-44.6540, -16.7340


 87.9720, -65.8320,
-40.4240

 241.2460,
-27.4160, -9.7520

 70.0880, -51.2990,
-33.9790

 250.2160, -9.5360,
-3.3920

 52.7910, -37.0410,
-28.0570

 35.7220, -23.4250,
-21.5130

 20.5450, -9.6250,

-18.3050

0.0000, 0.0000,
0.0000

171.7940,
-59.4590, -40.2830

171.7940,
-59.4590, -40.2830

164.6030,
-69.4070, -47.2230

178.9850,
-49.5110, -33.3430

157.1130,
-79.9510, -54.3750

186.4750,
-38.9670, -26.1910

150.0360,
-90.2200, -61.0040


193.5520,
-28.6980, -19.5620


142.5460,
-100.7640, -68.1560


201.0420,
-18.1540, -12.4100


141.1220,
-102.5060, -69.6260

208.2330, -8.2060,
-5.4700

 215.4240, 1.7420,
1.4700

 222.8000, 12.6070,
8.3110

 228.1970, 18.9790,
13.9790

 229.1090, 16.4110,
16.4670

Harmonies

Analogous

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



181.7660, -9.5300, -36.5540



171.7940, -59.4590, -40.2830



151.1880, -128.0940, -46.4140

Triad

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



171.7940, -59.4590, -40.2830



189.3370, -36.9570, 14.4910



190.0230, 63.0870, 7.5590

Complementary

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



171.7940, -59.4590, -40.2830



132.2060, 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.



188.5990, 53.3180, 24.9180



171.7940, -59.4590, -40.2830



197.7820, 4.9910, 36.2150

Square

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



171.7940, -59.4590, -40.2830



171.2540, -91.7880, -10.5400



195.3760, 38.3690, 37.0330



191.3080, 57.1300, -11.1420

Rectangle

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



171.7940, -59.4590, -40.2830



153.0920, -136.2110, -36.9710



195.3760, 38.3690, 37.0330



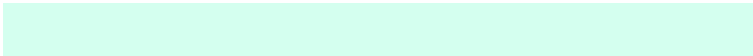
189.0430, 60.3350, 13.3830

Sweetspot

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



171.7940, -59.4590, -40.2830



240.3190, -20.4920, -14.0920



176.2430, -7.2800, -55.3120



119.0860, -12.2860, -8.6220



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.



171.7940, -59.4590, -40.2830



194.3680, -85.2230, -57.9510



167.5320, -69.5040, -17.9200



103.2550, -5.2720, -3.5760



112.8030, -82.0140, -55.5340



28.4330, -20.8130, -13.7810

Inverse Universe

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



132.2060, 59.4590, 40.2830



137.5180, 85.5440, 57.6400



136.4680, 69.5040, 17.9200



99.7450, 5.2720, 3.5760



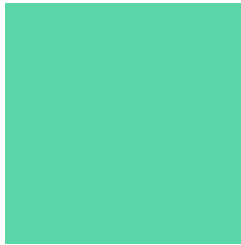
58.1970, 82.0140, 55.5340



14.6810, 20.4920, 14.0920

Previews

White Background



This preview shows how the YIQ color 171.7940, -59.4590, -40.2830 looks on a white background.

Color Contrast Check

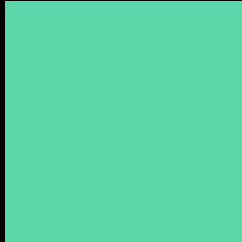
Large Text (above 18pt) WCAG AA × Fail

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 171.7940, -59.4590, -40.2830 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

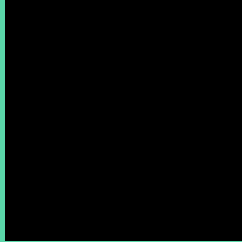
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

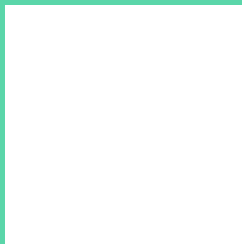
Any Text WCAG AAA ✓ Pass

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

YIQ 171.7940, -59.4590, -40.2830 Background



This preview shows how black text looks on a background with the YIQ color 171.7940, -59.4590, -40.2830.

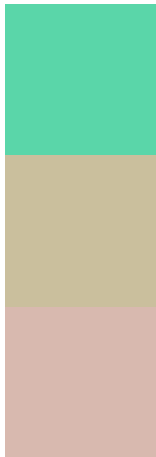


This preview shows how white text looks on a background with the YIQ color 171.7940, -59.4590, -40.2830.

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

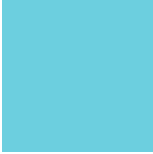
171.7940, -59.4590, -40.2830

Protanopia

190.4130, 17.4700, -8.2420

Deuteranopia

193.1290, 21.6860, 3.4620



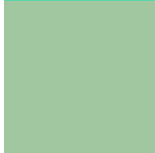
Tritanopia

179.2230, -64.1400, -16.0120

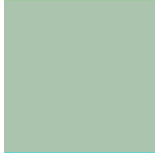
Trichromacy



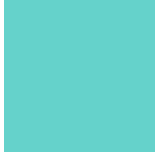
Original Color
171.7940, -59.4590, -40.2830



Protanomaly
183.3060, -10.4500, -19.8740



Deuteranomaly
185.6040, -8.1130, -12.6650

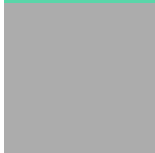


Tritanomaly
176.6110, -62.7170, -25.2850

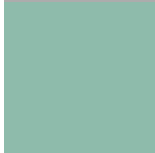
Monochromacy



Original Color
171.7940, -59.4590, -40.2830



Achromatopsia
172.0000, -0.0000, -0.0000



Achromatomaly
171.7210, -21.6840, -14.5160

CSS Examples

Text

The CSS property to change the color of the text to YIQ 171.7940, -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(90, 214, 169)` looks like.

```
.text, #text, p{  
    color:rgb(90, 214, 169)  
}
```

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(90, 214, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(90, 214, 169) }
```

Border

The CSS property to change the border of an element to YIQ 171.7940, -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(90, 214, 169) }
```


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

```
.border{ border-color:rgb(90, 214, 169) }
```

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

Here you see how a box with a 4 pixel rgb(90, 214, 169) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(90, 214, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(90, 214, 169);  
box-shadow:4px 4px 4px 4px rgb(90, 214,  
169) }
```

Background

The CSS property to change the background color of an element to YIQ 171.7940, -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(90, 214, 169) }
```

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

```
.background{ background-color: rgb(90, 214,  
169) }
```

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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