

Converting Colors

YIQ(170.3590, -27.1370,
-31.3370)

Have a look what the booklet for
YIQ(170.3590, -27.1370, -31.3370)
contains.

YIQ(170.3590, -27.1370, -31.3370)	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(170.3590, -27.1370,
-31.3370)**

Conversions

Conversions Part 1

Format	Color
Hex	7DC693
RGB	125, 198, 147
RGB Percent	49%, 78%, 58%
CMY	0.5100, 0.2234, 0.4236
CMYK	0.37, 0.00, 0.26, 0.22
HSL	138°, 39%, 63%
HSV	138°, 37%, 78%
XYZ	33.9160, 46.8642, 34.8547
YIQ	170.3590, -27.1370, -31.3370

Conversions

Conversions Part 2

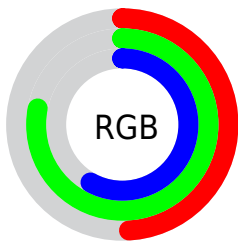
Format	Color
RYB	125, 181, 198
Decimal	8242835
CIELab	74.10, -33.73, 18.54
CIELCh	74, 38.488, 151.210
Yxy	46.8642, 0.2933, 0.4053
Android (android.graphics.Color)	4286432915 (0xFF7DC693)
YUV	170.3590, -11.5160, -39.7798
Hunter-Lab	68.4574, -31.3660, 17.7330

Details

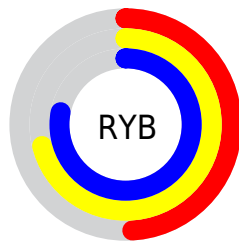
The YIQ color **170.3590, -27.1370, -31.3370** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **152.6410, 27.1370, 31.3370**, and the grayscale version is **170.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **226.4190, -27.3660, -32.6940**, and **117.0000, -27.5040, -30.1920** is the 20% darker color. If you saturate the color by 10%, you get **162.7830, -34.5630, -39.9310**, and if you desaturate by 10%, it is **177.9350, -19.7110, -22.7430**.

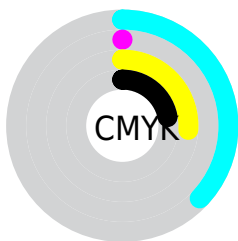
Distribution



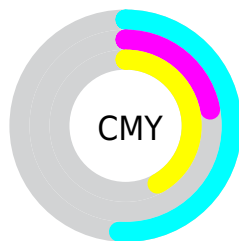
- Red (49%)
- Green (78%)
- Blue (58%)



- Red (49%)
- Yellow (71%)
- Blue (78%)



- Cyan (37%)
- Magenta (0%)
- Yellow (26%)
- Black (22%)



- Cyan (51%)
- Magenta (22%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 170.3590, -27.1370, -31.3370 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 170.3590, -27.1370, -31.3370 by changing the saturation by 10% instead.

■ 170.3590,
-27.1370, -31.3370

■ 170.3590,
-27.1370, -31.3370

■ 255.0000, -0.0000,
-0.0000

■ 142.8860,
-27.1830, -30.5030

■ 226.4190,
-27.3660, -32.6940

■ 117.0000,
-27.5040, -30.1920

■ 237.9830,
-19.6660, -18.0500

■ 90.9290, -28.7420,
-29.7820

■ 249.6180,
-10.7280, -3.8160

■ 64.0640, -33.5560,
-30.6440

■ 43.1080, -27.6880,
-26.8560

■ 26.8710, -13.6590,
-22.2910

■ 13.5010, -6.3250,

-12.0290

■ 0.0000, 0.0000,
0.0000

■ 170.3590,
-27.1370, -31.3370

■ 170.3590,
-27.1370, -31.3370

■ 162.7830,
-34.5630, -39.9310

■ 177.9350,
-19.7110, -22.7430

■ 155.2070,
-41.9890, -48.5250

■ 185.5110,
-12.2850, -14.1490

■ 147.9300,
-48.8190, -56.9070

■ 192.6740, -5.1340,
-6.0780

■ 140.4680,
-56.5660, -65.1900

■ 200.2500, 2.2920,
2.5160

■ 132.8920,
-63.9920, -73.7840

■ 207.8260, 9.7180,
11.1100

■ 125.3160,
-71.4180, -82.3780

■ 215.4020, 17.1440,
19.7040

■ 123.0660,
-73.7100, -84.8940

■ 220.2870, 19.2060,
26.3900

■ 221.5410, 15.6750,
29.8110

Harmonies

Analogous

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



175.8440, 8.1660, -26.8580



170.3590, -27.1370, -31.3370



162.0570, -67.2090, -31.9850

Triad

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



170.3590, -27.1370, -31.3370



177.3890, -51.9030, 10.0250



184.2540, 58.3630, 16.0830

Complementary

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



170.3590, -27.1370, -31.3370



152.6410, 27.1370, 31.3370

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.



186.1840, 47.3570, 28.3250



170.3590, -27.1370, -31.3370



185.4650, -13.5300, 24.9500

Square

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



170.3590, -27.1370, -31.3370



163.9940, -88.1200, -10.9360



187.4170, 21.9560, 31.6200



182.0770, 53.8270, -0.8370

Rectangle

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



170.3590, -27.1370, -31.3370



155.9370, -93.1140, -30.5700



187.4170, 21.9560, 31.6200



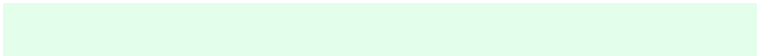
184.9320, 56.5740, 20.9740

Sweetspot

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



170.3590, -27.1370, -31.3370



244.3480, -10.2680, -12.1560



183.1000, 10.3210, -27.3670



121.5490, -6.2800, -7.3360



0.0000, 0.0000, 0.0000



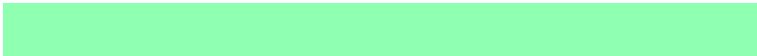
128.0000, -0.0000, -0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



170.3590, -27.1370, -31.3370



212.6200, -41.7140, -48.0020



174.4630, -38.6930, -20.1410



95.6250, -3.4380, -3.7740



101.2670, -60.5540, -70.0100



22.3860, -13.4310, -15.4070

Inverse Universe

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



152.6410, 27.1370, 31.3370



185.3800, 41.7140, 48.0020



148.5370, 38.6930, 20.1410



93.3750, 3.4380, 3.7740



61.7330, 60.5540, 70.0100



13.6140, 13.4310, 15.4070

Previews

White Background



This preview shows how the YIQ color 170.3590, -27.1370, -31.3370 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 170.3590, -27.1370, -31.3370 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 170.3590, -27.1370, -31.3370 Background



This preview shows how black text looks on a background with the YIQ color 170.3590, -27.1370, -31.3370.



This preview shows how white text looks on a background with the YIQ color 170.3590, -27.1370, -31.3370.

-31.3370.

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

170.3590, -27.1370, -31.3370

Protanopia

180.0990, 21.2300, -10.3060

Deuteranopia

181.9570, 27.9220, 0.5780



Tritanopia

175.9770, -36.7240, -6.2600

Trichromacy



Original Color

170.3590, -27.1370, -31.3370

Protanomaly

176.4880, 3.7170, -17.8110

Deuteranomaly

177.7430, 7.6130, -11.3230

Tritanomaly

174.1480, -33.1920, -15.2080

Monochromacy



Original Color

170.3590, -27.1370, -31.3370

Achromatopsia

170.0000, -0.0000, 0.0000

Achromatomaly

170.1740, -9.7180, -11.1100

CSS Examples

Text

The CSS property to change the color of the text to YIQ 170.3590, -27.1370, -31.3370 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(125, 198, 147)` looks like.

```
.text, #text, p{  
    color:rgb(125, 198, 147)  
}
```

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(125, 198, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 198, 147) }
```

Border

The CSS property to change the border of an element to YIQ 170.3590, -27.1370, -31.3370 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(125, 198, 147) }
```


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

```
.border{ border-color:rgb(125, 198, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 198, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 198, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 198, 147);  
box-shadow:4px 4px 4px 4px rgb(125, 198,  
147) }
```

Background

The CSS property to change the background color of an element to YIQ 170.3590, -27.1370, -31.3370 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 198, 147) }
```

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

```
.background{ background-color: rgb(125,  
198, 147) }
```

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