

Converting Colors

YIQ(159.7370, -27.7810,
-19.6610)

Have a look what the booklet for
YIQ(159.7370, -27.7810, -19.6610)
contains.

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Color

**YIQ(159.7370, -27.7810,
-19.6610)**

Conversions

Conversions Part 1

Format	Color
Hex	79B49D
RGB	121, 180, 157
RGB Percent	47%, 71%, 62%
CMY	0.5256, 0.2940, 0.3844
CMYK	0.33, 0.00, 0.13, 0.29
HSL	157°, 28%, 59%
HSV	157°, 33%, 71%
XYZ	30.2897, 39.1481, 37.8476
YIQ	159.7370, -27.7810, -19.6610

Conversions

Conversions Part 2

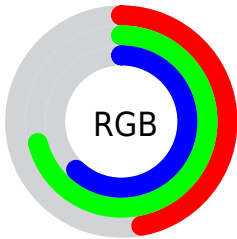
Format	Color
RYB	121, 158, 180
Decimal	7976093
CIELab	68.86, -24.24, 5.68
CIELCh	69, 24.902, 166.804
Yxy	39.1481, 0.2823, 0.3649
Android (android.graphics.Color)	4286166173 (0xFF79B49D)
YUV	159.7370, -1.3493, -33.9723
Hunter-Lab	62.5685, -23.0822, 7.9334

Details

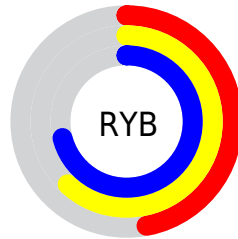
The YIQ color **159.7370, -27.7810, -19.6610** is a light color, and the websafe version is hex **669999**. A complement of this color would be **141.2630, 27.7810, 19.6610**, and the grayscale version is **160.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **215.0250, -28.6520, -20.3960**, and **107.2640, -27.8270, -18.8270** is the 20% darker color. If you saturate the color by 10%, you get **153.5570, -36.2620, -25.6540**, and if you desaturate by 10%, it is **165.9170, -19.3000, -13.6680**.

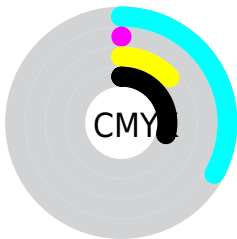
Distribution



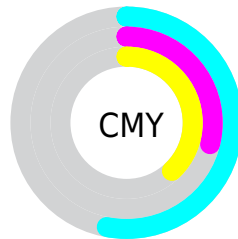
- Red (47%)
- Green (71%)
- Blue (62%)



- Red (47%)
- Yellow (62%)
- Blue (71%)



- Cyan (33%)
- Magenta (0%)
- Yellow (13%)
- Black (29%)



- Cyan (53%)
- Magenta (29%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 159.7370, -27.7810, -19.6610 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 159.7370, -27.7810, -19.6610 by changing the saturation by 10% instead.

■ 159.7370,
-27.7810, -19.6610

■ 159.7370,
-27.7810, -19.6610

■ 255.0000, -0.0000,
-0.0000

■ 133.1500,
-27.5060, -19.1380

■ 214.9110,
-28.3310, -20.7070

■ 107.2640,
-27.8270, -18.8270

■ 237.7420,
-26.1770, -15.6890

■ 82.3780, -28.1480,
-18.5160

■ 248.1230,
-13.7080, -4.8760

■ 56.7090, -30.5780,
-18.5300

■ 35.9160, -26.7270,
-16.7350

■ 21.1950, -14.2110,
-12.2830

■ 0.0000, 0.0000,

0.0000

■ 159.7370,
-27.7810, -19.6610

■ 159.7370,
-27.7810, -19.6610

■ 153.5570,
-36.2620, -25.6540

■ 165.9170,
-19.3000, -13.6680

■ 147.3770,
-44.7430, -31.6470

■ 172.0970,
-10.8190, -7.6750

■ 141.1970,
-53.2240, -37.6400

■ 178.2770, -2.3380,
-1.6820

■ 135.0170,
-61.7050, -43.6330

■ 184.4570, 6.1430,
4.3110

■ 128.8370,
-70.1860, -49.6260

■ 190.6370, 14.6240,
10.3040

■ 122.6570,
-78.6670, -55.6190

■ 196.8170, 23.1050,
16.2970

■ 118.2000,
-84.8100, -59.9300

■ 202.9970, 31.5860,
22.2900

■ 206.1870, 34.1070,
26.1630

■ 206.9850, 31.8600,
28.3400

Harmonies

Analogous

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



163.1710, -5.6360, -19.0120



159.7370, -27.7810, -19.6610



157.8630, -45.5710, -16.6350

Triad

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



159.7370, -27.7810, -19.6610



168.7380, -19.2130, 12.2990



169.5670, 38.0080, 5.0160

Complementary

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



159.7370, -27.7810, -19.6610



141.2630, 27.7810, 19.6610

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.



170.9940, 35.6680, 14.3880



159.7370, -27.7810, -19.6610



171.3450, 4.1230, 18.8990

Square

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



159.7370, -27.7810, -19.6610



163.5780, -39.6140, 2.0660



172.1100, 23.8380, 19.5340



167.9370, 30.6740, -5.2460

Rectangle

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



159.7370, -27.7810, -19.6610



157.6870, -50.7070, -11.6590



172.1100, 23.8380, 19.5340



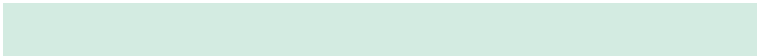
169.9740, 38.4200, 8.5640

Sweetspot

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



159.7370, -27.7810, -19.6610



226.6840, -11.0940, -8.1980



162.8090, -1.9210, -25.7690



112.2440, -6.7390, -4.5230



245.0000, -0.0000, 0.0000



117.0000, -0.0000, 0.0000

Same Dimension

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



159.7370, -27.7810, -19.6610



203.3880, -43.2760, -30.7000



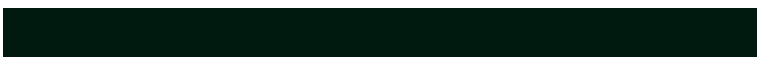
158.8370, -33.5140, -9.3700



85.9670, -4.4010, -2.8410



100.4130, -71.9280, -51.0960



17.0860, -12.2860, -8.6220

Inverse Universe

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



141.2630, 27.7810, 19.6610



174.6120, 43.2760, 30.7000



142.1630, 33.5140, 9.3700



83.1470, 4.0800, 3.1520



52.5870, 71.9280, 51.0960



8.9140, 12.2860, 8.6220

Previews

White Background



This preview shows how the YIQ color 159.7370, -27.7810, -19.6610 looks on a white background.

Color Contrast Check

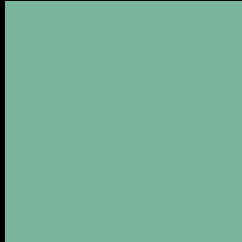
Large Text (above 18pt) WCAG AA × Fail

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 159.7370, -27.7810, -19.6610 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 159.7370, -27.7810, -19.6610 Background



This preview shows how black text looks on a background with the YIQ color 159.7370, -27.7810, -19.6610.



This preview shows how white text looks on a background with the YIQ color 159.7370, -27.7810, -19.6610.

-19.6610.

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

159.7370, -27.7810, -19.6610

Protanopia

167.1550, 9.6290, -3.8030

Deuteranopia

169.0620, 14.6250, 4.7770



Tritanopia

162.5430, -32.5060, -5.6100

Trichromacy



Original Color

159.7370, -27.7810, -19.6610

Protanomaly

164.7510, -4.0330, -9.5130

Deuteranomaly

165.8810, -1.2830, -4.2830

Tritanomaly

161.4520, -30.9920, -11.0240

Monochromacy



Original Color

159.7370, -27.7810, -19.6610

Achromatopsia

160.0000, 0.0000, -0.0000

Achromatomaly

159.8090, -9.9480, -6.9400

CSS Examples

Text

The CSS property to change the color of the text to YIQ 159.7370, -27.7810, -19.6610 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(121, 180, 157)` looks like.

```
.text, #text, p{  
    color:rgb(121, 180, 157)  
}
```

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(121, 180, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 180, 157) }
```

Border

The CSS property to change the border of an element to YIQ 159.7370, -27.7810, -19.6610 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(121, 180, 157) }
```


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

```
.border{ border-color:rgb(121, 180, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 180, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 180, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 180, 157);  
box-shadow:4px 4px 4px 4px rgb(121, 180,  
157) }
```

Background

The CSS property to change the background color of an element to YIQ 159.7370, -27.7810, -19.6610 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 180, 157) }
```

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

```
.background{ background-color: rgb(121,  
180, 157) }
```

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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