

Converting Colors

YIQ(157.6660, -29.0190,
-19.2510)

Have a look what the booklet for
YIQ(157.6660, -29.0190, -19.2510)
contains.

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Color

**YIQ(157.6660, -29.0190,
-19.2510)**

Conversions

Conversions Part 1

Format	Color
Hex	76B29D
RGB	118, 178, 157
RGB Percent	46%, 70%, 62%
CMY	0.5374, 0.3018, 0.3844
CMYK	0.34, 0.00, 0.12, 0.30
HSL	159°, 28%, 58%
HSV	159°, 34%, 70%
XYZ	29.4749, 38.1330, 37.6939
YIQ	157.6660, -29.0190, -19.2510

Conversions

Conversions Part 2

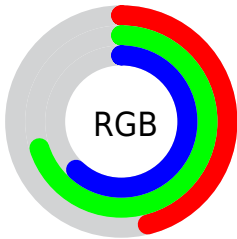
Format	Color
RYB	118, 154, 178
Decimal	7778973
CIELab	68.12, -24.15, 4.60
CIElCh	68, 24.580, 169.215
Yxy	38.1330, 0.2799, 0.3621
Android (android.graphics.Color)	4285969053 (0xFF76B29D)
YUV	157.6660, -0.3283, -34.7871
Hunter-Lab	61.7520, -22.8659, 7.0352

Details

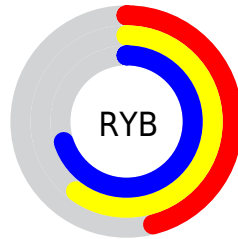
The YIQ color **157.6660, -29.0190, -19.2510** is a light color, and the websafe version is hex **669999**. A complement of this color would be **138.3340, 29.0190, 19.2510**, and the grayscale version is **158.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **212.9540, -29.8900, -19.9860**, and **105.1930, -29.0650, -18.4170** is the 20% darker color. If you saturate the color by 10%, you get **151.6000, -37.8210, -24.9330**, and if you desaturate by 10%, it is **163.7320, -20.2170, -13.5690**.

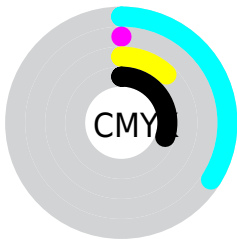
Distribution



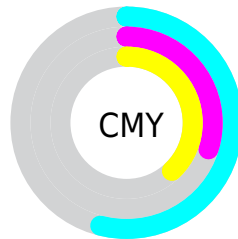
- Red (46%)
- Green (70%)
- Blue (62%)



- Red (46%)
- Yellow (60%)
- Blue (70%)



- Cyan (34%)
- Magenta (0%)
- Yellow (12%)
- Black (30%)



- Cyan (54%)
- Magenta (30%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 157.6660, -29.0190, -19.2510 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 157.6660, -29.0190, -19.2510 by changing the saturation by 10% instead.

■ 157.6660,
-29.0190, -19.2510

■ 157.6660,
-29.0190, -19.2510

■ 255.0000, -0.0000,
-0.0000

■ 131.0790,
-28.7440, -18.7280

■ 212.8400,
-29.5690, -20.2970

■ 105.1930,
-29.0650, -18.4170

■ 236.8450,
-27.9650, -16.3250

■ 80.3070, -29.3860,
-18.1060

■ 246.9270,
-16.0920, -5.7240

■ 54.6270, -33.2830,
-19.0670

■ 34.7420, -26.1770,
-15.6890

■ 20.6080, -13.9360,
-11.7600

■ 0.0000, 0.0000,

0.0000

■ 157.6660,
-29.0190, -19.2510

■ 157.6660,
-29.0190, -19.2510

■ 151.6000,
-37.8210, -24.9330

■ 163.7320,
-20.2170, -13.5690

■ 145.4200,
-46.3020, -30.9260

■ 169.7980,
-11.4150, -7.8870

■ 139.6530,
-54.5080, -36.3960

■ 175.6790, -3.5300,
-2.1060

■ 133.5870,
-63.3100, -42.0780

■ 181.7450, 5.2720,
3.5760

■ 127.5210,
-72.1120, -47.7600

■ 187.8110, 14.0740,
9.2580

■ 121.4550,
-80.9140, -53.4420

■ 193.8770, 22.8760,
14.9400

■ 117.7100,
-86.1860, -57.0180

■ 200.0570, 31.3570,
20.9330

■ 204.3290, 36.5830,
25.3430

■ 205.0130, 34.6570,
27.2090

Harmonies

Analogous

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



160.6870, -7.1490, -19.1250



157.6660, -29.0190, -19.2510



155.5040, -45.9380, -15.4900

Triad

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



157.6660, -29.0190, -19.2510



166.9340, -16.8290, 13.1470



167.7410, 37.4580, 3.9700

Complementary

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



157.6660, -29.0190, -19.2510



138.3340, 29.0190, 19.2510

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.



168.4670, 35.7140, 13.5540



157.6660, -29.0190, -19.2510



169.7150, 5.9570, 18.7010

Square

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



157.6660, -29.0190, -19.2510



162.4750, -37.8260, 2.7020



169.8820, 24.4800, 18.9120



165.9260, 29.2070, -6.1930

Rectangle

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



157.6660, -29.0190, -19.2510



156.3990, -49.8360, -10.9240



169.8820, 24.4800, 18.9120



168.1480, 37.8700, 7.5180

Sweetspot

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



157.6660, -29.0190, -19.2510



224.2110, -11.1400, -7.3640



159.7980, -3.3880, -26.7160



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.



157.6660, -29.0190, -19.2510



200.5450, -45.1560, -29.6680



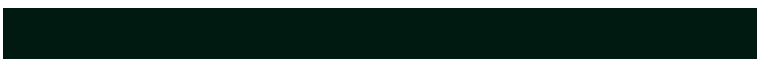
155.3640, -33.5600, -8.5360



85.9670, -4.4010, -2.8410



101.0970, -73.8540, -49.2300



17.2000, -12.6070, -8.3110

Inverse Universe

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



138.3340, 29.0190, 19.2510



170.5690, 44.8350, 29.9790



140.6360, 33.5600, 8.5360



83.0330, 4.4010, 2.8410



51.9030, 73.8540, 49.2300



8.8000, 12.6070, 8.3110

Previews

White Background



This preview shows how the YIQ color 157.6660, -29.0190, -19.2510 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 157.6660, -29.0190, -19.2510 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

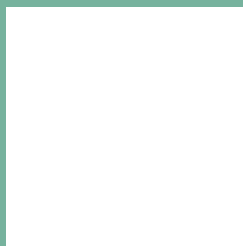
Any Text WCAG AAA ✓ Pass

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

YIQ 157.6660, -29.0190, -19.2510 Background



This preview shows how black text looks on a background with the YIQ color 157.6660, -29.0190, -19.2510.



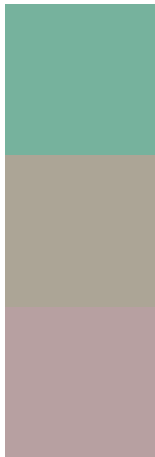
This preview shows how white text looks on a background with the YIQ color 157.6660, -29.0190, -19.2510.

-19.2510.

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

157.6660, -29.0190, -19.2510

Protanopia

165.3830, 8.9870, -3.1810

Deuteranopia

166.9910, 13.3870, 5.1870



Tritanopia

160.9450, -33.6980, -6.0340

Trichromacy



Original Color

157.6660, -29.0190, -19.2510

Protanomaly

162.6800, -5.2710, -9.1030

Deuteranomaly

163.8100, -2.5210, -3.8730

Tritanomaly

159.3810, -32.2300, -10.6140

Monochromacy



Original Color

157.6660, -29.0190, -19.2510

Achromatopsia

158.0000, -0.0000, 0.0000

Achromatomaly

157.6240, -10.8650, -6.8410

CSS Examples

Text

The CSS property to change the color of the text to YIQ 157.6660, -29.0190, -19.2510 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(118, 178, 157)` looks like.

```
.text, #text, p{  
    color:rgb(118, 178, 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(118, 178, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 178, 157) }
```

Border

The CSS property to change the border of an element to YIQ 157.6660, -29.0190, -19.2510 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(118, 178, 157) }
```


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

```
.border{ border-color:rgb(118, 178, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(118, 178, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 178, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 178, 157);  
box-shadow:4px 4px 4px 4px rgb(118, 178,  
157) }
```

Background

The CSS property to change the background color of an element to YIQ 157.6660, -29.0190, -19.2510 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 178, 157) }
```

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

```
.background{ background-color: rgb(118,  
178, 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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