

Converting Colors

YIQ(71.6670, -57.1230,
-27.5470)

Have a look what the booklet for
YIQ(71.6670, -57.1230, -27.5470)
contains.

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Color

**YIQ(71.6670, -57.1230,
-27.5470)**

Conversions

Conversions Part 1

Format	Color
Hex	006958
RGB	0, 105, 88
RGB Percent	0%, 41%, 35%
CMY	1.0000, 0.5881, 0.6551
CMYK	1.00, 0.00, 0.16, 0.59
HSL	170°, 100%, 21%
HSV	170°, 100%, 41%
XYZ	6.8153, 10.8158, 10.9492
YIQ	71.6670, -57.1230, -27.5470

Conversions

Conversions Part 2

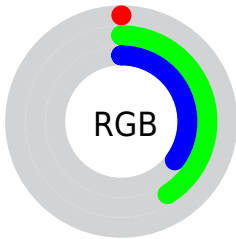
Format	Color
RYB	0, 57, 105
Decimal	26968
CIELab	39.27, -30.50, 2.29
CIELCh	39, 30.589, 175.714
Yxy	10.8158, 0.2385, 0.3784
Android (android.graphics.Color)	4278217048 (0xFF006958)
YUV	71.6670, 8.0522, -62.8520
Hunter-Lab	32.8874, -20.5624, 3.2819

Details

The YIQ color **71.6670, -57.1230, -27.5470** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **33.3330, 57.1230, 27.5470**, and the grayscale version is **72.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **129.4190, -44.5610, -23.9290**, and **38.3610, -29.4780, -16.4380** is the 20% darker color. If you saturate the color by 10%, you get **71.6670, -57.1230, -27.5470**, and if you desaturate by 10%, it is **75.1840, -51.2090, -24.5930**.

Distribution



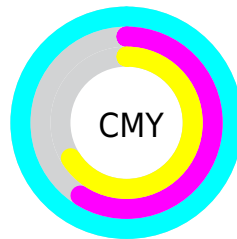
- Red (0%)
- Green (41%)
- Blue (35%)



- Red (0%)
- Yellow (22%)
- Blue (41%)



- Cyan (100%)
- Magenta (0%)
- Yellow (16%)
- Black (59%)



- Cyan (100%)
- Magenta (59%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 71.6670, -57.1230, -27.5470 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 71.6670, -57.1230, -27.5470 by changing the saturation by 10% instead.

71.6670, -57.1230,
-27.5470

71.6670, -57.1230,
-27.5470

255.0000, -0.0000,
-0.0000

54.3700, -42.8650,
-21.6250

129.4190,
-44.5610, -23.9290

38.3610, -29.4780,
-16.4380

156.6040,
-43.6440, -24.0280

23.6400, -16.9620,
-11.9860

184.1910,
-43.9190, -24.5510

0.0000, 0.0000,
0.0000


212.7780,
-44.1940, -25.0740


232.5600,
-40.3440, -17.7520


242.1430,


-25.6280, -9.1160


 250.8140, -8.3440,
-2.9680


 71.6670, -57.1230,
-27.5470

 75.1840, -51.2090,
-24.5930

 78.2880, -45.5700,
-22.1620

 81.8050, -39.6560,
-19.2080

 85.0230, -34.3380,
-16.4660

 88.4260, -28.1030,
-13.8230

■ 91.6440, -22.7850,
-11.0810

■ 95.1610, -16.8710,
-8.1270

■ 98.3790, -11.5530,
-5.3850

■ 101.7820, -5.3180,
-2.7420

Harmonies

Analogous

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



84.3870, -15.1720, -22.4040



71.6670, -57.1230, -27.5470



74.5170, -65.1480, -19.7720

Triad

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



71.6670, -57.1230, -27.5470



93.2980, -14.8580, 15.9740



92.0460, 37.9170, 1.1570

Complementary

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



71.6670, -57.1230, -27.5470



33.3330, 57.1230, 27.5470

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.



93.2070, 39.3820, 13.1580



71.6670, -57.1230, -27.5470



95.4600, 11.2290, 22.2770

Square

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



71.6670, -57.1230, -27.5470



84.7990, -47.5460, 2.6460



94.2850, 30.7150, 21.5550



90.8070, 27.9240, -10.4760

Rectangle

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



71.6670, -57.1230, -27.5470



74.9390, -69.0920, -14.3720



94.2850, 30.7150, 21.5550



92.4640, 39.7960, 5.6520

Sweetspot

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



71.6670, -57.1230, -27.5470



124.6440, -22.7850, -11.0810



67.0170, -18.1470, -51.0990



61.0690, -13.6160, -6.5440



196.0000, -0.0000, -0.0000



69.0000, -0.0000, -0.0000

Same Dimension

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



71.6670, -57.1230, -27.5470



94.1160, -74.8650, -36.4090



53.0600, -52.9550, -3.9550



52.0920, -3.2550, -1.5830



79.8510, -63.6330, -30.7130



167.1850, -133.1800, -64.3800

Inverse Universe

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



33.3330, 57.1230, 27.5470



43.7700, 75.1860, 36.0980



51.9400, 52.9550, 3.9550



49.9080, 3.2550, 1.5830



37.1490, 63.6330, 30.7130



77.8150, 133.1800, 64.3800

Previews

White Background



This preview shows how the YIQ color 71.6670, -57.1230, -27.5470 looks on a white 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 × Fail

Black Background



This preview shows how the YIQ color 71.6670, -57.1230, -27.5470 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 71.6670, -57.1230, -27.5470

Background



This preview shows how black text looks on a background with the YIQ color 71.6670, -57.1230, -27.5470.



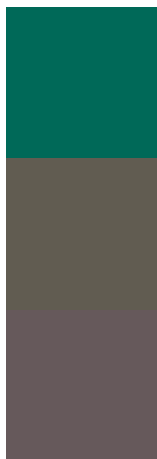
This preview shows how white text looks on a background with the YIQ color 71.6670, -57.1230,

-27.5470.

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

71.6670, -57.1230, -27.5470

Protanopia

92.2410, 6.5110, -2.3610

Deuteranopia

93.1150, 7.1060, 3.3780



Tritanopia

81.3840, -45.4800, -12.7760

Trichromacy



Original Color

71.6670, -57.1230, -27.5470

Protanomaly

85.0530, -16.6870, -11.4630

Deuteranomaly

85.4600, -16.2750, -7.9150

Tritanomaly

77.7700, -49.7430, -18.1190

Monochromacy



Original Color

71.6670, -57.1230, -27.5470

Achromatopsia

72.0000, -0.0000, 0.0000

Achromatomaly

71.9540, -20.7220, -9.9220

CSS Examples

Text

The CSS property to change the color of the text to YIQ 71.6670, -57.1230, -27.5470 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(0, 105, 88)` looks like.

```
.text, #text, p{  
    color:rgb(0, 105, 88)  
}
```

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(0, 105, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 105, 88) }
```

Border

The CSS property to change the border of an element to YIQ 71.6670, -57.1230, -27.5470 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(0, 105, 88) }
```


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

```
.border{ border-color:rgb(0, 105, 88) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 105, 88)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 105, 88); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 105, 88);  
box-shadow:4px 4px 4px 4px rgb(0, 105, 88)  
}
```

Background

The CSS property to change the background color of an element to YIQ 71.6670, -57.1230, -27.5470 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 105, 88) }
```

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

```
.background{ background-color: rgb(0, 105,  
88) }
```

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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