

Converting Colors

YIQ(171.9990, -7.4270, -3.0670)

Have a look what the booklet for
YIQ(171.9990, -7.4270, -3.0670)
contains.

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Color

**YIQ(171.9990, -7.4270,
-3.0670)**

Conversions

Conversions Part 1

Format	Color
Hex	A3B0AF
RGB	163, 176, 175
RGB Percent	64%, 69%, 69%
CMY	0.3608, 0.3098, 0.3137
CMYK	0.07, 0.00, 0.01, 0.31
HSL	175°, 8%, 66%
HSV	175°, 7%, 69%
XYZ	38.3662, 41.9333, 46.6255
YIQ	171.9990, -7.4270, -3.0670

Conversions

Conversions Part 2

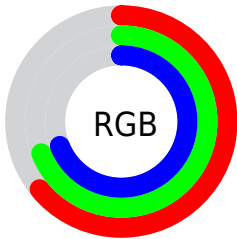
Format	Color
RYB	163, 170, 176
Decimal	10727599
CIELab	70.82, -4.72, -1.05
CIELCh	71, 4.839, 192.528
Yxy	41.9333, 0.3023, 0.3304
Android (android.graphics.Color)	4288917679 (0xFFA3B0AF)
YUV	171.9990, 1.4795, -7.8921
Hunter-Lab	64.7560, -7.5665, 2.6393

Details

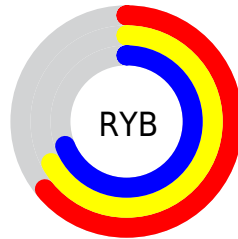
The YIQ color **171.9990, -7.4270, -3.0670** is a light color, and the websafe version is hex **999999**. A complement of this color would be **167.0010, 7.4270, 3.0670**, and the grayscale version is **172.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **227.5860, -7.7020, -3.5900**, and **119.9990, -7.4270, -3.0670** is the 20% darker color. If you saturate the color by 10%, you get **166.5030, -17.8340, -7.1940**, and if you desaturate by 10%, it is **177.4950, 2.9800, 1.0600**.

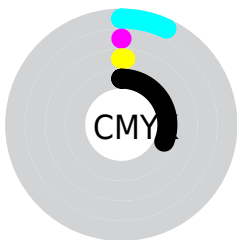
Distribution



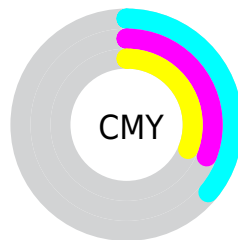
- Red (64%)
- Green (69%)
- Blue (69%)



- Red (64%)
- Yellow (67%)
- Blue (69%)



- Cyan (7%)
- Magenta (0%)
- Yellow (1%)
- Black (31%)



- Cyan (36%)
- Magenta (31%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 171.9990, -7.4270, -3.0670 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 171.9990, -7.4270, -3.0670 by changing the saturation by 10% instead.

■ 171.9990, -7.4270,
-3.0670

■ 171.9990, -7.4270,
-3.0670

■ 255.0000, -0.0000,
-0.0000

■ 145.2980, -6.8310,
-2.8550

■ 227.5860, -7.7020,
-3.5900

■ 119.9990, -7.4270,
-3.0670

■ 252.3090, -5.3640,
-1.9080

■ 95.2980, -6.8310,
-2.8550

■ 71.2980, -6.8310,
-2.8550

■ 48.5970, -6.2350,
-2.6430

■ 27.8960, -5.6390,
-2.4310

■ 4.0920, -3.2550,

-1.5830

0.0000, 0.0000,
0.0000

171.9990, -7.4270,
-3.0670

171.9990, -7.4270,
-3.0670

166.5030,
-17.8340, -7.1940

177.4950, 2.9800,
1.0600

161.1920,
-27.3240, -11.4200

182.8060, 12.4700,
5.2860

155.6960,
-37.7310, -15.5470

188.3020, 22.8770,
9.4130

150.4990,
-47.5420, -19.4620

193.4990, 32.6880,
13.3280

144.8890,
-57.6280, -23.9000

199.1090, 42.7740,
17.7660

■ 139.3930,
-68.0350, -28.0270

■ 200.4190, 44.8370,
18.9250

■ 134.0820,
-77.5250, -32.2530

■ 200.6470, 44.1950,
19.5470

■ 128.5860,
-87.9320, -36.3800

■ 200.7610, 43.8740,
19.8580

■ 123.3890,
-97.7430, -40.2950

■ 200.8750, 43.5530,
20.1690

Harmonies

Analogous

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



172.0270, -4.6300, -4.1980



171.9990, -7.4270, -3.0670



172.4550, -8.7110, -1.8230

Triad

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



171.9990, -7.4270, -3.0670



174.1080, -0.1840, 3.3360



173.5940, 7.0150, -0.4810

Complementary

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



171.9990, -7.4270, -3.0670



167.0010, 7.4270, 3.0670

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.



174.1320, 8.4360, 1.3000



171.9990, -7.4270, -3.0670



174.5600, 4.3550, 3.6750

Square

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



171.9990, -7.4270, -3.0670



173.4280, -4.0810, 2.3750



174.1150, 7.1060, 3.3780



173.2730, 3.4850, -2.5870

Rectangle

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



171.9990, -7.4270, -3.0670



172.6940, -7.8860, -0.2540



174.1150, 7.1060, 3.3780



174.0070, 7.2900, 0.0420

Sweetspot

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



171.9990, -7.4270, -3.0670



228.3910, -2.6590, -1.3710



170.9300, -2.9790, -6.5870



114.1030, -1.7880, -0.6360



242.0000, -0.0000, 0.0000



115.0000, -0.0000, 0.0000

Same Dimension

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



171.9990, -7.4270, -3.0670



223.4930, -11.8740, -5.0740



169.1780, -6.3730, -0.1410



86.3090, -5.3640, -1.9080



105.8850, -87.3360, -36.1680



17.9980, -14.8540, -6.1340

Inverse Universe

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



167.0010, 7.4270, 3.0670



215.3930, 12.1950, 4.7630



169.8220, 6.3730, 0.1410



82.8050, 5.0430, 2.2190



47.1150, 87.3360, 36.1680



8.0020, 14.8540, 6.1340

Previews

White Background



This preview shows how the YIQ color 171.9990, -7.4270, -3.0670 looks on a white background.

Color Contrast Check

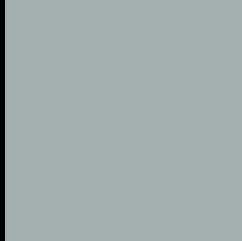
Large Text (above 18pt) WCAG AA × Fail

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 171.9990, -7.4270, -3.0670 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

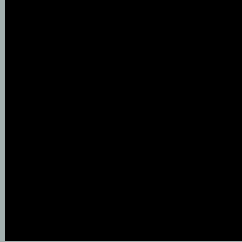
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

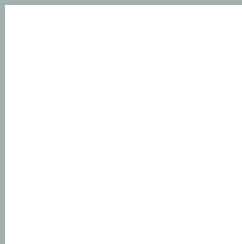
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 171.9990, -7.4270, -3.0670

Background



This preview shows how black text looks on a background with the YIQ color 171.9990, -7.4270, -3.0670.



This preview shows how white text looks on a background with the YIQ color 171.9990, -7.4270, -3.0670.

-3.0670.

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

171.9990, -7.4270, -3.0670

Protanopia

173.3100, 2.0630, 1.1590

Deuteranopia

175.0060, 9.0310, 7.0390



Tritanopia

172.9050, -9.8580, 2.4460

Trichromacy



Original Color

171.9990, -7.4270, -3.0670

Protanomaly

172.5160, -1.5130, -0.1130

Deuteranomaly

173.9620, 3.1630, 3.2510

Tritanomaly

172.6230, -9.1240, 0.1560

Monochromacy



Original Color

171.9990, -7.4270, -3.0670

Achromatopsia

172.0000, -0.0000, -0.0000

Achromatomaly

171.8040, -2.3840, -0.8480

CSS Examples

Text

The CSS property to change the color of the text to YIQ 171.9990, -7.4270, -3.0670 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(163, 176, 175)` looks like.

```
.text, #text, p{  
    color:rgb(163, 176, 175)  
}
```

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(163, 176, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 176, 175) }
```

Border

The CSS property to change the border of an element to YIQ 171.9990, -7.4270, -3.0670 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(163, 176, 175) }
```


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

```
.border{ border-color:rgb(163, 176, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 176, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 176, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 176, 175);  
box-shadow:4px 4px 4px 4px rgb(163, 176,  
175) }
```

Background

The CSS property to change the background color of an element to YIQ 171.9990, -7.4270, -3.0670 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 176, 175) }
```

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

```
.background{ background-color: rgb(163,  
176, 175) }
```

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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