

Converting Colors

YIQ(174.0010, 7.4270, 3.0670)

Have a look what the booklet for
YIQ(174.0010, 7.4270, 3.0670)
contains.

YIQ(174.0010, 7.4270, 3.0670)	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(174.0010, 7.4270,
3.0670)**

Conversions

Conversions Part 1

Format	Color
Hex	B7AAAB
RGB	183, 170, 171
RGB Percent	72%, 67%, 67%
CMY	0.2823, 0.3333, 0.3294
CMYK	0.00, 0.07, 0.07, 0.28
HSL	355°, 8%, 69%
HSV	355°, 7%, 72%
XYZ	41.2554, 41.7562, 44.4171
YIQ	174.0010, 7.4270, 3.0670

Conversions

Conversions Part 2

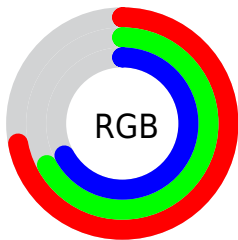
Format	Color
RYB	183, 170, 171
Decimal	12036779
CIELab	70.70, 4.86, 1.16
CIELCh	71, 4.992, 13.411
Yxy	41.7562, 0.3238, 0.3277
Android (android.graphics.Color)	4290226859 (0xFFB7AAAB)
YUV	174.0010, -1.4795, 7.8921
Hunter-Lab	64.6191, 0.8783, 4.4793

Details

The YIQ color **174.0010, 7.4270, 3.0670** is a light color, and the websafe version is hex **999999**. A complement of this color would be **178.9990, -7.4270, -3.0670**, and the grayscale version is **174.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **229.3000, 8.0230, 3.2790**, and **121.7020, 6.8310, 2.8550** is the 20% darker color. If you saturate the color by 10%, you get **161.4970, 17.8340, 7.1940**, and if you desaturate by 10%, it is **186.5050, -2.9800, -1.0600**.

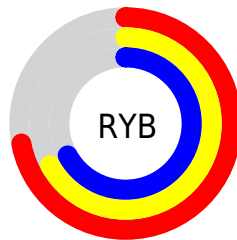
Distribution



Red (72%)

Green (67%)

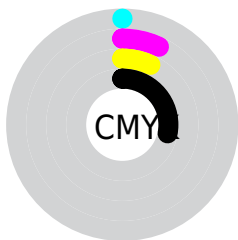
Blue (67%)



Red (72%)

Yellow (67%)

Blue (67%)

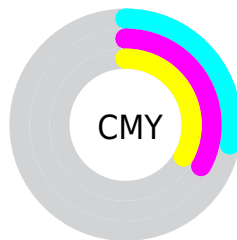


Cyan (0%)

Magenta (7%)

Yellow (7%)

Black (28%)



Cyan (28%)

Magenta (33%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 174.0010, 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 174.0010, 7.4270, 3.0670 by changing the saturation by 10% instead.

■ 174.0010, 7.4270,
3.0670

■ 174.0010, 7.4270,
3.0670

255.0000, -0.0000,
-0.0000

■ 147.7020, 6.8310,
2.8550

■ 229.3000, 8.0230,
3.2790

■ 121.7020, 6.8310,
2.8550

254.4130, 0.2750,
0.5230

■ 96.7020, 6.8310,
2.8550

■ 73.4030, 6.2350,
2.6430

■ 50.4030, 6.2350,
2.6430

■ 29.6910, 5.3640,
1.9080

■ 4.7840, 9.5360,

3.3920

0.0000, 0.0000,
0.0000

174.0010, 7.4270,
3.0670

174.0010, 7.4270,
3.0670

161.4970, 17.8340,
7.1940

186.5050, -2.9800,
-1.0600

148.4060, 28.5160,
11.8440

199.5960,
-13.6620, -5.7100

135.9020, 38.9230,
15.9710

212.1000,
-24.0690, -9.8370

123.3980, 49.3300,
20.0980

224.6040,
-34.4760, -13.9640

110.4210, 59.6910,
25.0590

233.4720,
-42.9120, -15.2640

■ 97.9170, 70.0980,
29.1860

■ 85.4130, 80.5050,
33.3130

■ 72.9090, 90.9120,
37.4400

■ 59.8180, 101.5940,
42.0900

Harmonies

Analogous

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



173.9730, 4.6300, 4.1980



174.0010, 7.4270, 3.0670



173.8330, 7.8400, 1.0880

Triad

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



174.0010, 7.4270, 3.0670



172.1800, -0.6870, -4.0710



172.4060, -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.



174.0010, 7.4270, 3.0670



178.9990, -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.



171.8680, -8.4360, -1.3000



174.0010, 7.4270, 3.0670



172.0270, -4.6300, -4.1980

Square

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



174.0010, 7.4270, 3.0670



172.5720, 4.0810, -2.3750



171.7000, -8.0230, -3.2790



173.4280, -4.0810, 2.3750

Rectangle

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



174.0010, 7.4270, 3.0670



173.3060, 7.8860, 0.2540



171.7000, -8.0230, -3.2790



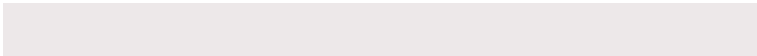
172.3950, -8.4820, -0.4660

Sweetspot

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



174.0010, 7.4270, 3.0670



233.6090, 2.6590, 1.3710



175.0700, 2.9790, 6.5870



118.0110, 1.4670, 0.9470



247.0000, -0.0000, -0.0000



120.0000, -0.0000, -0.0000

Same Dimension

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



174.0010, 7.4270, 3.0670



222.3930, 12.1950, 4.7630



176.8220, 6.3730, 0.1410



85.6910, 5.3640, 1.9080



48.0120, 89.1240, 36.8040



8.6000, 16.0460, 6.5580

Inverse Universe

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



174.0010, 7.4270, 3.0670



222.3930, 12.1950, 4.7630



176.1780, -6.3730, -0.1410



85.6910, 5.3640, 1.9080



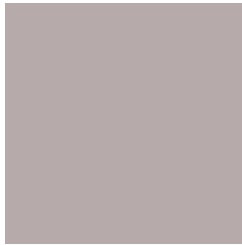
48.0120, 89.1240, 36.8040



8.6000, 16.0460, 6.5580

Previews

White Background



This preview shows how the YIQ color 174.0010, 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 174.0010, 7.4270, 3.0670 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

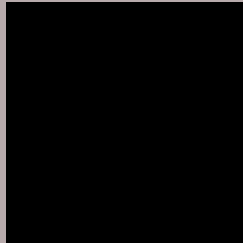
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 174.0010, 7.4270, 3.0670

Background



This preview shows how black text looks on a background with the YIQ color 174.0010, 7.4270, 3.0670.



This preview shows how white text looks on a background with the YIQ color 174.0010, 7.4270,

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

174.0010, 7.4270, 3.0670

Protanopia

173.1960, 2.3840, 0.8480

Deuteranopia

174.4470, 12.1030, 6.4310



Tritanopia

174.6790, 5.6380, 7.9580

Trichromacy



Original Color

174.0010, 7.4270, 3.0670

Protanomaly

173.5060, 4.4470, 2.0070

Deuteranomaly

174.1370, 10.0400, 5.2720

Tritanomaly

174.5110, 6.0510, 5.9790

Monochromacy



Original Color

174.0010, 7.4270, 3.0670

Achromatopsia

174.0000, -0.0000, -0.0000

Achromatomaly

174.1960, 2.3840, 0.8480

CSS Examples

Text

The CSS property to change the color of the text to YIQ 174.0010, 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(183, 170, 171)` looks like.

```
.text, #text, p{  
    color:rgb(183, 170, 171)  
}
```

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(183, 170, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 170, 171) }
```

Border

The CSS property to change the border of an element to YIQ 174.0010, 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(183, 170, 171) }
```


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

```
.border{ border-color:rgb(183, 170, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 170, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 170, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 170, 171);  
box-shadow:4px 4px 4px 4px rgb(183, 170,  
171) }
```

Background

The CSS property to change the background color of an element to YIQ 174.0010, 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(183, 170, 171) }
```

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

```
.background{ background-color: rgb(183,  
170, 171) }
```

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