

Converting Colors

YIQ(170.8690, -1.0090, 1.7670)

Have a look what the booklet for
YIQ(170.8690, -1.0090, 1.7670)
contains.

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Color

**YIQ(170.8690, -1.0090,
1.7670)**

Conversions

Conversions Part 1

Format	Color
Hex	ABAAAF
RGB	171, 170, 175
RGB Percent	67%, 67%, 69%
CMY	0.3294, 0.3333, 0.3137
CMYK	0.02, 0.03, 0.00, 0.31
HSL	252°, 3%, 68%
HSV	252°, 3%, 69%
XYZ	38.9072, 40.5024, 46.3235
YIQ	170.8690, -1.0090, 1.7670

Conversions

Conversions Part 2

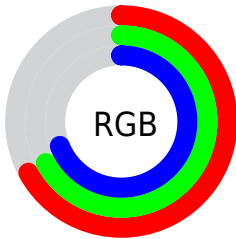
Format	Color
RYB	171, 170, 175
Decimal	11250351
CIELab	69.83, 1.31, -2.45
CIELCh	70, 2.775, 298.197
Yxy	40.5024, 0.3094, 0.3221
Android (android.graphics.Color)	4289440431 (0xFFABAAAF)
YUV	170.8690, 2.0366, 0.1149
Hunter-Lab	63.6415, -2.2468, 1.3929

Details

The YIQ color **170.8690, -1.0090, 1.7670** is a light color, and the websafe version is hex **999999**. A complement of this color would be **174.1310, 1.0090, -1.7670**, and the grayscale version is **171.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **225.8690, -1.0090, 1.7670**, and **118.8690, -1.0090, 1.7670** is the 20% darker color. If you saturate the color by 10%, you get **156.7040, -4.6780, 7.6900**, and if you desaturate by 10%, it is **185.6210, 2.3850, -4.6790**.

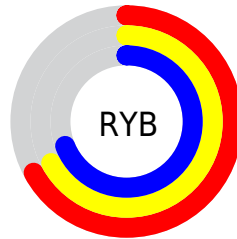
Distribution



Red (67%)

Green (67%)

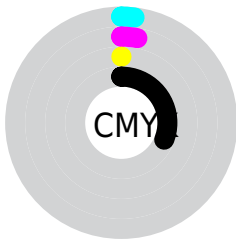
Blue (69%)



Red (67%)

Yellow (67%)

Blue (69%)

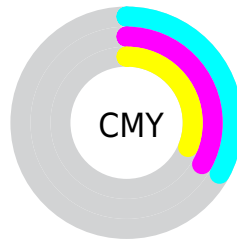


Cyan (2%)

Magenta (3%)

Yellow (0%)

Black (31%)



Cyan (33%)

Magenta (33%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 170.8690, -1.0090, 1.7670 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 170.8690, -1.0090, 1.7670 by changing the saturation by 10% instead.

■ 170.8690, -1.0090,
1.7670

■ 170.8690, -1.0090,
1.7670

■ 255.0000, -0.0000,
-0.0000

■ 144.7550, -0.6880,
1.4560

■ 225.8690, -1.0090,
1.7670

■ 118.8690, -1.0090,
1.7670

■ 254.4130, 0.2750,
0.5230

■ 93.8690, -1.0090,
1.7670

■ 70.7550, -0.6880,
1.4560

■ 47.7550, -0.6880,
1.4560

■ 27.3420, -0.9630,
0.9330

■ 0.5700, -1.6050,

1.5550

■ 0.0000, 0.0000,
0.0000

■ 170.8690, -1.0090,
1.7670

■ 170.8690, -1.0090,
1.7670

■ 156.7040, -4.6780,
7.6900

■ 185.6210, 2.3850,
-4.6790

■ 141.9520, -8.0720,
14.1360

■ 199.7860, 6.0540,
-10.6020

■ 127.7870,
-11.7410, 20.0590

■ 214.5380, 9.4480,
-17.0480

■ 113.0350,
-15.1350, 26.5050

■ 228.7030, 13.1170,
-22.9710

■ 98.8700, -18.8040,
32.4280

■ 241.6940, 17.3360,
-27.8480

■ 84.1180, -22.1980,
38.8740

■ 245.8800, 25.6800,
-24.8800

■ 69.9530, -25.8670,
44.7970

■ 55.2010, -29.2610,
51.2430

■ 41.0360, -32.9300,
57.1660

Harmonies

Analogous

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



170.6730, -3.3930, 0.9190



170.8690, -1.0090, 1.7670



170.9510, 1.6960, 2.3040

Triad

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



170.8690, -1.0090, 1.7670



171.0390, 4.2640, -0.1840



169.6790, -3.5300, -2.1060

Complementary

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



170.8690, -1.0090, 1.7670



174.1310, 1.0090, -1.7670

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.



170.0490, -1.6960, -2.3040



170.8690, -1.0090, 1.7670



170.4410, 3.0720, -0.6080

Square

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



170.8690, -1.0090, 1.7670



170.9790, 4.4930, 1.1730



170.1310, 1.0090, -1.7670



170.0210, -4.4930, -1.1730

Rectangle

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



170.8690, -1.0090, 1.7670



171.1360, 2.6130, 2.2050



170.1310, 1.0090, -1.7670



169.8640, -2.6130, -2.2050

Sweetspot

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



170.8690, -1.0090, 1.7670



225.2280, -0.6420, 0.6220



172.9180, -2.7050, -0.5370



114.1140, -0.3210, 0.3110



242.0000, -0.0000, 0.0000



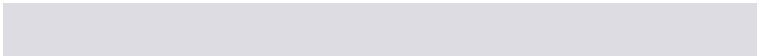
115.0000, -0.0000, 0.0000

Same Dimension

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



170.8690, -1.0090, 1.7670



221.3960, -1.0550, 2.6010



171.4670, 0.1830, 2.1910



83.7550, -0.6880, 1.4560



26.0700, -30.2700, 53.0100



4.1170, -4.4030, 8.2130

Inverse Universe

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



171.9510, 1.6960, 2.3040



222.7770, 2.2460, 3.3500



173.5330, -0.1830, -2.1910



84.5380, 1.4210, 1.7810



58.5300, 50.8800, 69.1200



8.9290, 7.9300, 10.4740

Previews

White Background



This preview shows how the YIQ color 170.8690, -1.0090, 1.7670 looks on a white background.

Color Contrast Check

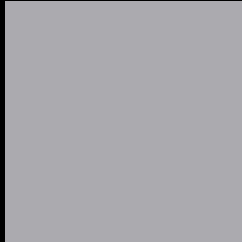
Large Text (above 18pt) WCAG AA × Fail

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 170.8690, -1.0090, 1.7670 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

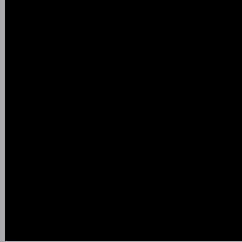
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

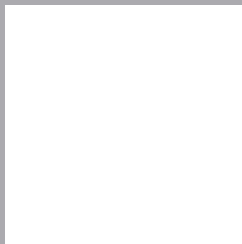
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 170.8690, -1.0090, 1.7670

Background



This preview shows how black text looks on a background with the YIQ color 170.8690, -1.0090, 1.7670.



This preview shows how white text looks on a background with the YIQ color 170.8690, -1.0090,

1.7670.

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

170.8690, -1.0090, 1.7670

Protanopia

171.1680, -0.4130, 1.9790

Deuteranopia

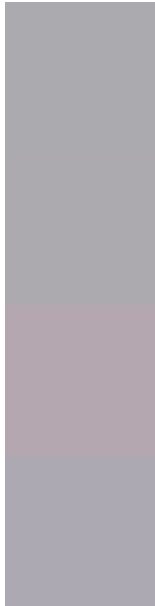
172.2340, 8.3890, 7.6610



Tritanopia

171.3790, -2.3850, 4.6790

Trichromacy



Original Color

170.8690, -1.0090, 1.7670

Protanomaly

171.1680, -0.4130, 1.9790

Deuteranomaly

171.9130, 4.8590, 5.5550

Tritanomaly

171.0370, -1.4220, 3.7460

Monochromacy



Original Color

170.8690, -1.0090, 1.7670

Achromatopsia

171.0000, -0.0000, -0.0000

Achromatomaly

171.1140, -0.3210, 0.3110

CSS Examples

Text

The CSS property to change the color of the text to YIQ 170.8690, -1.0090, 1.7670 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(171, 170, 175)` looks like.

```
.text, #text, p{  
    color:rgb(171, 170, 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(171, 170, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 170, 175) }
```

Border

The CSS property to change the border of an element to YIQ 170.8690, -1.0090, 1.7670 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(171, 170, 175) }
```


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

```
.border{ border-color:rgb(171, 170, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 170, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 170, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 170, 175);  
box-shadow:4px 4px 4px 4px rgb(171, 170,  
175) }
```

Background

The CSS property to change the background color of an element to YIQ 170.8690, -1.0090, 1.7670 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 170, 175) }
```

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

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