

Converting Colors

YIQ(152.6800, 3.8970, 0.9610)

Have a look what the booklet for
YIQ(152.6800, 3.8970, 0.9610)
contains.

YIQ(152.6800, 3.8970, 0.9610)	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(152.6800, 3.8970,
0.9610)**

Conversions

Conversions Part 1

Format	Color
Hex	9D9796
RGB	157, 151, 150
RGB Percent	62%, 59%, 59%
CMY	0.3843, 0.4078, 0.4117
CMYK	0.00, 0.04, 0.04, 0.38
HSL	9°, 3%, 60%
HSV	9°, 4%, 62%
XYZ	30.4769, 31.5030, 33.3303
YIQ	152.6800, 3.8970, 0.9610

Conversions

Conversions Part 2

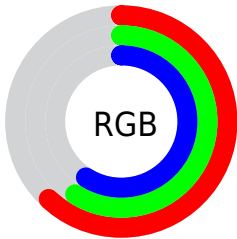
Format	Color
RYB	157, 151, 150
Decimal	10327958
CIELab	62.93, 2.01, 1.30
CIELCh	63, 2.393, 32.807
Yxy	31.5030, 0.3198, 0.3305
Android (android.graphics.Color)	4288518038 (0xFF9D9796)
YUV	152.6800, -1.3212, 3.7886
Hunter-Lab	56.1275, -1.2989, 4.0810

Details

The YIQ color **152.6800, 3.8970, 0.9610** is a light color, and the websafe version is hex **999999**. A complement of this color would be **154.3200, -3.8970, -0.9610**, and the grayscale version is **153.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **206.9790, 4.4930, 1.1730**, and **101.6800, 3.8970, 0.9610** is the 20% darker color. If you saturate the color by 10%, you get **143.2250, 12.6080, 2.7840**, and if you desaturate by 10%, it is **162.1350, -4.8140, -0.8620**.

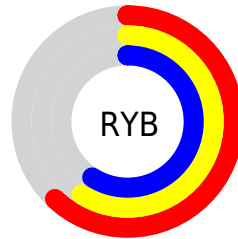
Distribution



Red (62%)

Green (59%)

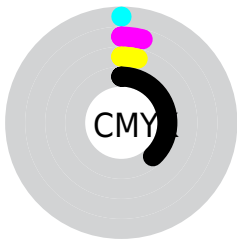
Blue (59%)



Red (62%)

Yellow (59%)

Blue (59%)

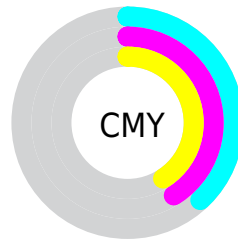


Cyan (0%)

Magenta (4%)

Yellow (4%)

Black (38%)



Cyan (38%)

Magenta (41%)

Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 152.6800, 3.8970, 0.9610 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 152.6800, 3.8970, 0.9610 by changing the saturation by 10% instead.

■ 152.6800, 3.8970,
0.9610

■ 152.6800, 3.8970,
0.9610

255.0000, -0.0000,
-0.0000

■ 126.6800, 3.8970,
0.9610

■ 206.9790, 4.4930,
1.1730

■ 101.6800, 3.8970,
0.9610

■ 234.9790, 4.4930,
1.1730

■ 77.6800, 3.8970,
0.9610

■ 55.3810, 3.3010,
0.7490

■ 33.4950, 2.9800,
1.0600

■ 10.9790, 4.4930,
1.1730

■ 0.0000, 0.0000,

0.0000

■ 152.6800, 3.8970,
0.9610

■ 152.6800, 3.8970,
0.9610

■ 143.2250, 12.6080,
2.7840

■ 162.1350, -4.8140,
-0.8620

■ 133.2970, 21.2730,
5.4410

■ 172.0630,
-13.4790, -3.5190

■ 123.8420, 29.9840,
7.2640

■ 181.5180,
-22.1900, -5.3420

■ 113.8000, 38.9700,
9.6100

■ 191.5600,
-31.1760, -7.6880

■ 104.4590, 47.3600,
11.7440

■ 201.0150,
-39.8870, -9.5110

■ 94.4170, 56.3460,
14.0900

■ 210.9430,
-48.5520, -12.1680

■ 84.9620, 65.0570,
15.9130

■ 219.8280,
-55.6580, -15.5460

■ 74.9200, 74.0430,
18.2590

■ 225.6980,
-58.4080, -20.7760

■ 65.5790, 82.4330,
20.3930

Harmonies

Analogous

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



152.9080, 3.2550, 1.5830



152.6800, 3.8970, 0.9610



152.2670, 3.6220, 0.4380

Triad

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



152.6800, 3.8970, 0.9610



151.4620, -1.4210, -1.7810



151.8580, -2.4760, 0.8200

Complementary

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



152.6800, 3.8970, 0.9610



154.3200, -3.8970, -0.9610

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.



151.8470, -3.9430, -0.1270



152.6800, 3.8970, 0.9610



151.9780, -2.9340, -1.8940

Square

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



152.6800, 3.8970, 0.9610



151.9460, 0.0920, -1.6680



151.3200, -3.8970, -0.9610



152.7550, -0.6880, 1.4560

Rectangle

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



152.6800, 3.8970, 0.9610



152.4410, 3.0720, -0.6080



151.3200, -3.8970, -0.9610



152.4450, -2.7510, 0.2970

Sweetspot

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



152.6800, 3.8970, 0.9610



202.5980, 1.1920, 0.4240



152.7770, 2.2460, 3.3500



101.2990, 0.5960, 0.2120



230.0000, -0.0000, 0.0000



102.0000, -0.0000, -0.0000

Same Dimension

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



152.6800, 3.8970, 0.9610



197.5770, 5.6850, 1.5970



154.4410, 3.0720, -0.6080



76.0820, 2.7050, 0.5370



54.4970, 79.7280, 19.8560



5.6590, 8.3900, 2.1340

Inverse Universe

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



154.3200, -3.8970, -0.9610



200.4230, -5.6850, -1.5970



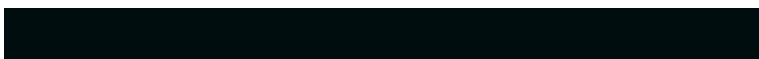
152.5590, -3.0720, 0.6080



76.9180, -2.7050, -0.5370



87.9160, -79.4530, -19.3330



9.3410, -8.3900, -2.1340

Previews

White Background



This preview shows how the YIQ color 152.6800, 3.8970, 0.9610 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 152.6800, 3.8970, 0.9610 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

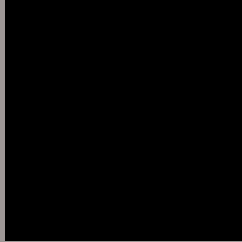
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 152.6800, 3.8970, 0.9610

Background



This preview shows how black text looks on a background with the YIQ color 152.6800, 3.8970, 0.9610.



This preview shows how white text looks on a background with the YIQ color 152.6800, 3.8970,

0.9610.

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

152.6800, 3.8970, 0.9610

Protanopia

152.6690, 2.4300, 0.0140

Deuteranopia

153.4360, 10.6360, 5.4840



Tritanopia

153.3580, 2.1080, 5.8520

Trichromacy



Original Color

152.6800, 3.8970, 0.9610

Protanomaly

152.9680, 3.0260, 0.2260

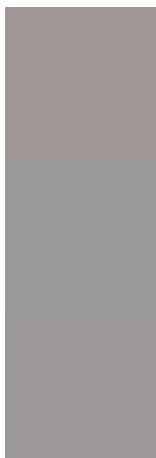
Deuteranomaly

152.8270, 7.9770, 4.1130

Tritanomaly

153.1900, 2.5210, 3.8730

Monochromacy



Original Color

152.6800, 3.8970, 0.9610

Achromatopsia

153.0000, 0.0000, -0.0000

Achromatomaly

152.5980, 1.1920, 0.4240

CSS Examples

Text

The CSS property to change the color of the text to YIQ 152.6800, 3.8970, 0.9610 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(157, 151, 150)` looks like.

```
.text, #text, p{  
    color:rgb(157, 151, 150)  
}
```

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(157, 151, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 151, 150) }
```

Border

The CSS property to change the border of an element to YIQ 152.6800, 3.8970, 0.9610 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(157, 151, 150) }
```


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

```
.border{ border-color:rgb(157, 151, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 151, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 151, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 151, 150);  
box-shadow:4px 4px 4px 4px rgb(157, 151,  
150) }
```

Background

The CSS property to change the background color of an element to YIQ 152.6800, 3.8970, 0.9610 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 151, 150) }
```

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

```
.background{ background-color: rgb(157,  
151, 150) }
```

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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