

Converting Colors

YIQ(149.9670, -4.4010, -2.8410)

Have a look what the booklet for
YIQ(149.9670, -4.4010, -2.8410)
contains.

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Color

**YIQ(149.9670, -4.4010,
-2.8410)**

Conversions

Conversions Part 1

Format	Color
Hex	909996
RGB	144, 153, 150
RGB Percent	56%, 60%, 59%
CMY	0.4353, 0.4000, 0.4118
CMYK	0.06, 0.00, 0.02, 0.40
HSL	160°, 4%, 58%
HSV	160°, 6%, 60%
XYZ	28.3971, 30.9143, 33.3229
YIQ	149.9670, -4.4010, -2.8410

Conversions

Conversions Part 2

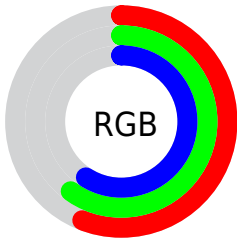
Format	Color
R_{YB}	144, 149, 153
Decimal	9476502
CIE Lab	62.44, -3.82, 0.45
CIE LCh	62, 3.852, 173.237
Yxy	30.9143, 0.3066, 0.3337
Android (android.graphics.Color)	4287666582 (0xFF909996)
YUV	149.9670, 0.0163, -5.2331
Hunter-Lab	55.6007, -6.1352, 3.3864

Details

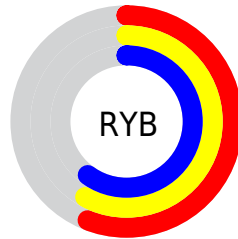
The YIQ color **149.9670, -4.4010, -2.8410** is a light color, and the websafe version is hex **999999**. A complement of this color would be **147.0330, 4.4010, 2.8410**, and the grayscale version is **150.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **203.9670, -4.4010, -2.8410**, and **99.2660, -3.8050, -2.6290** is the 20% darker color. If you saturate the color by 10%, you get **144.9120, -11.7360, -7.5760**, and if you desaturate by 10%, it is **155.0220, 2.9340, 1.8940**.

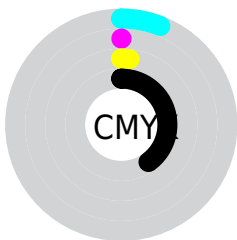
Distribution



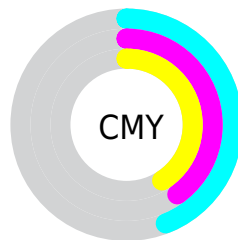
- Red (56%)
- Green (60%)
- Blue (59%)



- Red (56%)
- Yellow (58%)
- Blue (60%)



- Cyan (6%)
- Magenta (0%)
- Yellow (2%)
- Black (40%)



- Cyan (44%)
- Magenta (40%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 149.9670, -4.4010, -2.8410 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 149.9670, -4.4010, -2.8410 by changing the saturation by 10% instead.

■ 149.9670, -4.4010,
-2.8410

■ 149.9670, -4.4010,
-2.8410

■ 255.0000, -0.0000,
-0.0000

■ 123.9670, -4.4010,
-2.8410

■ 203.9670, -4.4010,
-2.8410

■ 99.2660, -3.8050,
-2.6290

■ 232.5540, -4.6760,
-3.3640

■ 75.2660, -3.8050,
-2.6290

■ 254.7010, -0.5960,
-0.2120

■ 52.6790, -3.5300,
-2.1060

■ 31.6790, -3.5300,
-2.1060

■ 7.9560, -5.8680,
-3.7880

■ 0.0000, 0.0000,

0.0000

■ 149.9670, -4.4010,
-2.8410

■ 149.9670, -4.4010,
-2.8410

■ 144.9120,
-11.7360, -7.5760

■ 155.0220, 2.9340,
1.8940

■ 139.5580,
-19.6670, -12.5230

■ 160.3760, 10.8650,
6.8410

■ 134.5030,
-27.0020, -17.2580

■ 165.4310, 18.2000,
11.5760

■ 129.4480,
-34.3370, -21.9930

■ 170.4860, 25.5350,
16.3110

■ 123.9800,
-41.9470, -27.2510

■ 175.6550, 32.5490,
21.3570

■ 118.9250,
-49.2820, -31.9860

■ 181.0090, 40.4800,
26.3040

■ 113.8700,
-56.6170, -36.7210

■ 186.0640, 47.8150,
31.0390

■ 108.8150,
-63.9520, -41.4560

■ 187.8300, 48.5940,
33.4420

■ 103.4610,
-71.8830, -46.4030

■ 188.4000, 46.9890,
34.9970

Harmonies

Analogous

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



149.9350, -1.3750, -2.6150



149.9670, -4.4010, -2.8410



150.0100, -5.9600, -2.1200

Triad

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



149.9670, -4.4010, -2.8410



151.0970, -1.6510, 2.3890



151.3490, 6.3270, 0.9750

Complementary

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



149.9670, -4.4010, -2.8410



147.0330, 4.4010, 2.8410

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.



151.8760, 6.2810, 1.8090



149.9670, -4.4010, -2.8410



151.4780, 1.6500, 3.1380

Square

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



149.9670, -4.4010, -2.8410



150.6020, -4.6310, 1.3290



152.0330, 4.4010, 2.8410



150.8110, 4.9060, -0.8060

Rectangle

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



149.9670, -4.4010, -2.8410



150.2380, -6.6020, -1.4980



152.0330, 4.4010, 2.8410



151.3490, 6.3270, 0.9750

Sweetspot

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



149.9670, -4.4010, -2.8410



197.6900, -2.0630, -1.1590



150.1800, -0.6870, -4.0710



98.4020, -1.1920, -0.4240



227.0000, -0.0000, -0.0000



99.0000, -0.0000, 0.0000

Same Dimension

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



149.9670, -4.4010, -2.8410



194.2440, -6.7390, -4.5230



149.7220, -5.0890, -1.3850



74.5650, -3.2090, -2.4170



92.7820, -68.3530, -44.2970



8.5430, -6.1430, -4.3110

Inverse Universe

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



147.0330, 4.4010, 2.8410



189.7560, 6.7390, 4.5230



147.2780, 5.0890, 1.3850



72.3210, 3.5300, 2.1060



47.2180, 68.3530, 44.2970



4.3430, 6.4640, 4.0000

Previews

White Background



This preview shows how the YIQ color 149.9670, -4.4010, -2.8410 looks on a white background.

Color Contrast Check

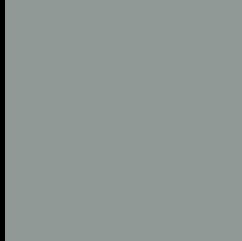
Large Text (above 18pt) WCAG AA × Fail

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 149.9670, -4.4010, -2.8410 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

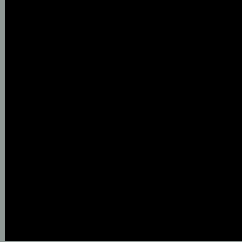
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

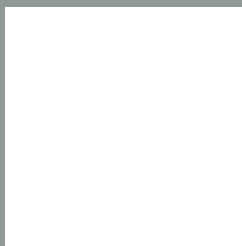
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 149.9670, -4.4010, -2.8410

Background



This preview shows how black text looks on a background with the YIQ color 149.9670, -4.4010, -2.8410.



This preview shows how white text looks on a background with the YIQ color 149.9670, -4.4010, -2.8410.

-2.8410.

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

149.9670, -4.4010, -2.8410

Protanopia

150.9680, 3.0260, 0.2260

Deuteranopia

152.2510, 9.7190, 5.5830



Tritanopia

150.8730, -6.8320, 2.6720

Trichromacy



Original Color

149.9670, -4.4010, -2.8410

Protanomaly

150.4730, 0.0460, -0.8340

Deuteranomaly

151.6200, 4.1260, 2.3180

Tritanomaly

150.5910, -6.0980, 0.3820

Monochromacy



Original Color

149.9670, -4.4010, -2.8410

Achromatopsia

150.0000, -0.0000, -0.0000

Achromatomaly

149.9890, -1.4670, -0.9470

CSS Examples

Text

The CSS property to change the color of the text to YIQ 149.9670, -4.4010, -2.8410 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(144, 153, 150)` looks like.

```
.text, #text, p{  
    color:rgb(144, 153, 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(144, 153, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 153, 150) }
```

Border

The CSS property to change the border of an element to YIQ 149.9670, -4.4010, -2.8410 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(144, 153, 150) }
```


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

```
.border{ border-color:rgb(144, 153, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 153, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 153, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 153, 150);  
box-shadow:4px 4px 4px 4px rgb(144, 153,  
150) }
```

Background

The CSS property to change the background color of an element to YIQ 149.9670, -4.4010, -2.8410 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 153, 150) }
```

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

```
.background{ background-color: rgb(144,  
153, 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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