

Converting Colors

YIQ(149.8880, 6.0070, -4.2410)

Have a look what the booklet for
YIQ(149.8880, 6.0070, -4.2410)
contains.

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Color

**YIQ(149.8880, 6.0070,
-4.2410)**

Conversions

Conversions Part 1

Format	Color
Hex	999788
RGB	153, 151, 136
RGB Percent	60%, 59%, 53%
CMY	0.4000, 0.4078, 0.4666
CMYK	0.00, 0.01, 0.11, 0.40
HSL	53°, 8%, 57%
HSV	53°, 11%, 60%
XYZ	28.6477, 30.6830, 27.7084
YIQ	149.8880, 6.0070, -4.2410

Conversions

Conversions Part 2

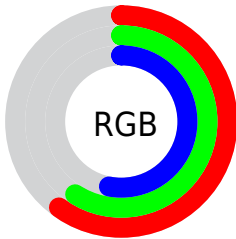
Format	Color
RYB	138, 153, 136
Decimal	10065800
CIELab	62.24, -2.00, 8.15
CIElCh	62, 8.396, 103.773
Yxy	30.6830, 0.3291, 0.3525
Android (android.graphics.Color)	4288255880 (0xFF999788)
YUV	149.8880, -6.8468, 2.7292
Hunter-Lab	55.3922, -4.6199, 9.1163

Details

The YIQ color **149.8880, 6.0070, -4.2410** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **139.1120, -6.0070, 4.2410**, and the grayscale version is **150.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **203.7740, 6.3280, -4.5520**, and **99.0020, 5.6860, -3.9300** is the 20% darker color. If you saturate the color by 10%, you get **147.0040, 11.3720, -7.8600**, and if you desaturate by 10%, it is **152.7720, 0.6420, -0.6220**.

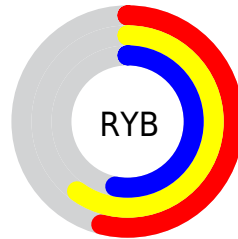
Distribution



Red (60%)

Green (59%)

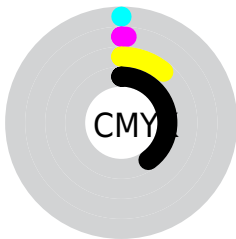
Blue (53%)



Red (54%)

Yellow (60%)

Blue (53%)

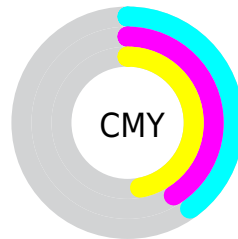


Cyan (0%)

Magenta (1%)

Yellow (11%)

Black (40%)



Cyan (40%)

Magenta (41%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 149.8880, 6.0070, -4.2410 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 149.8880, 6.0070, -4.2410 by changing the saturation by 10% instead.

■ 149.8880, 6.0070,
-4.2410

■ 149.8880, 6.0070,
-4.2410

■ 255.0000, -0.0000,
-0.0000

■ 124.0020, 5.6860,
-3.9300

■ 203.7740, 6.3280,
-4.5520

■ 99.0020, 5.6860,
-3.9300

■ 232.0730, 6.9240,
-4.3400

■ 75.1160, 5.3650,
-3.6190

■ 253.9740, 2.8890,
-2.7990

■ 52.8170, 4.7690,
-3.8310

■ 31.0450, 4.1270,
-3.2090

■ 7.3760, 1.6970,
-3.2230

■ 0.0000, 0.0000,

0.0000

■ 149.8880, 6.0070,
-4.2410

■ 149.8880, 6.0070,
-4.2410

■ 147.0040, 11.3720,
-7.8600

■ 152.7720, 0.6420,
-0.6220

■ 144.0060, 17.0580,
-11.7900

■ 155.7700, -5.0440,
3.3080

■ 141.7090, 22.1480,
-15.9320

■ 158.0670,
-10.1340, 7.4500

■ 138.8250, 27.5130,
-19.5510

■ 160.9510,
-15.4990, 11.0690

■ 135.9410, 32.8780,
-23.1700

■ 163.9490,
-21.1850, 14.9990

■ 132.9430, 38.5640,
-27.1000

■ 166.8330,
-26.5500, 18.6180

■ 130.0590, 43.9290,
-30.7190

■ 169.7170,
-31.9150, 22.2370

■ 127.7620, 49.0190,
-34.8610

■ 171.6720,
-36.0420, 25.4460

■ 124.9920, 54.0630,
-38.1690

■ 172.8460,
-36.5920, 24.4000

Harmonies

Analogous

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



151.1060, 11.3250, -1.4990



149.8880, 6.0070, -4.2410



148.8270, -1.1910, -5.9510

Triad

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



149.8880, 6.0070, -4.2410



148.4050, -14.4420, -2.5860



152.1090, 7.2430, 6.4030

Complementary

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



149.8880, 6.0070, -4.2410



139.1120, -6.0070, 4.2410

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.



151.8740, 0.5950, 5.7390



149.8880, 6.0070, -4.2410



149.1820, -12.1960, 0.7640

Square

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



149.8880, 6.0070, -4.2410



148.0090, -13.3870, -5.1870



150.8130, -6.6030, 4.0290



151.8060, 12.4700, 5.2860

Rectangle

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



149.8880, 6.0070, -4.2410



148.3750, -5.7300, -6.2900



150.8130, -6.6030, 4.0290



151.7390, 5.4090, 6.6010

Sweetspot

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



149.8880, 6.0070, -4.2410



197.7290, 2.2010, -1.3430



141.3110, 9.4900, 4.2260



98.5440, 1.2840, -1.2440



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.



149.8880, 6.0070, -4.2410



194.2750, 9.1710, -6.5170



149.2680, 1.8810, -6.5590



75.5010, 2.8430, -1.9650



114.6480, 49.3400, -35.1720



10.3440, 4.7230, -2.9970

Inverse Universe

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



139.1120, -6.0070, 4.2410



177.7250, -9.1710, 6.5170



139.7320, -1.8810, 6.5590



70.4990, -2.8430, 1.9650



25.3520, -49.3400, 35.1720



2.0690, -4.4480, 3.5200

Previews

White Background



This preview shows how the YIQ color 149.8880, 6.0070, -4.2410 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 149.8880, 6.0070, -4.2410 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

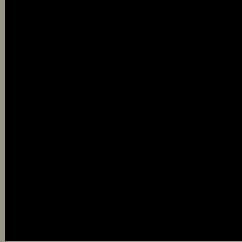
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 149.8880, 6.0070, -4.2410

Background



This preview shows how black text looks on a background with the YIQ color 149.8880, 6.0070, -4.2410.



This preview shows how white text looks on a background with the YIQ color 149.8880, 6.0070,

-4.2410.

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

149.8880, 6.0070, -4.2410

Protanopia

150.3830, 8.9870, -3.1810

Deuteranopia

151.5630, 17.4680, 2.8120



Tritanopia

151.6460, 1.2370, 5.1170

Trichromacy



Original Color

149.8880, 6.0070, -4.2410

Protanomaly

150.0840, 8.3910, -3.3930

Deuteranomaly

150.9430, 13.3420, 0.4940

Tritanomaly

151.0220, 2.9340, 1.8940

Monochromacy



Original Color

149.8880, 6.0070, -4.2410

Achromatopsia

150.0000, -0.0000, -0.0000

Achromatomaly

149.7290, 2.2010, -1.3430

CSS Examples

Text

The CSS property to change the color of the text to YIQ 149.8880, 6.0070, -4.2410 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(153, 151, 136)` looks like.

```
.text, #text, p{  
    color:rgb(153, 151, 136)  
}
```

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(153, 151, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 151, 136) }
```

Border

The CSS property to change the border of an element to YIQ 149.8880, 6.0070, -4.2410 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(153, 151, 136) }
```


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

```
.border{ border-color:rgb(153, 151, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 151, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 151, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 151, 136);  
box-shadow:4px 4px 4px 4px rgb(153, 151,  
136) }
```

Background

The CSS property to change the background color of an element to YIQ 149.8880, 6.0070, -4.2410 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 151, 136) }
```

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

```
.background{ background-color: rgb(153,  
151, 136) }
```

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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