

Converting Colors

YIQ(150.9680, 3.0260, 0.2260)

Have a look what the booklet for
YIQ(150.9680, 3.0260, 0.2260)
contains.

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Color

**YIQ(150.9680, 3.0260,
0.2260)**

Conversions

Conversions Part 1

Format	Color
Hex	9A9694
RGB	154, 150, 148
RGB Percent	60%, 59%, 58%
CMY	0.3961, 0.4118, 0.4196
CMYK	0.00, 0.03, 0.04, 0.40
HSL	20°, 3%, 59%
HSV	20°, 4%, 60%
XYZ	29.5785, 30.8206, 32.4084
YIQ	150.9680, 3.0260, 0.2260

Conversions

Conversions Part 2

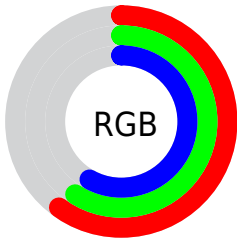
Format	Color
RYB	154, 151, 148
Decimal	10131092
CIELab	62.36, 1.09, 1.56
CIELCh	62, 1.904, 55.090
Yxy	30.8206, 0.3187, 0.3321
Android (android.graphics.Color)	4288321172 (0xFF9A9694)
YUV	150.9680, -1.4632, 2.6591
Hunter-Lab	55.5163, -2.0507, 4.2501

Details

The YIQ color **150.9680, 3.0260, 0.2260** is a light color, and the websafe version is hex **999999**. A complement of this color would be **151.0320, -3.0260, -0.2260**, and the grayscale version is **151.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **204.9680, 3.0260, 0.2260**, and **99.9680, 3.0260, 0.2260** is the 20% darker color. If you saturate the color by 10%, you get **143.3880, 10.5910, 0.7910**, and if you desaturate by 10%, it is **158.5480, -4.5390, -0.3390**.

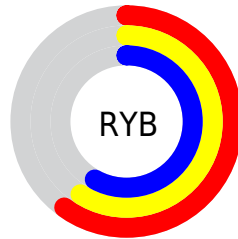
Distribution



Red (60%)

Green (59%)

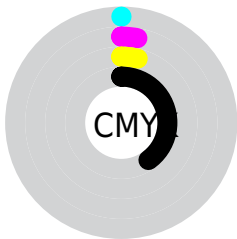
Blue (58%)



Red (60%)

Yellow (59%)

Blue (58%)

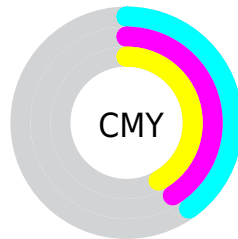


Cyan (0%)

Magenta (3%)

Yellow (4%)

Black (40%)



Cyan (40%)

Magenta (41%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 150.9680, 3.0260, 0.2260 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 150.9680, 3.0260, 0.2260 by changing the saturation by 10% instead.

■ 150.9680, 3.0260,
0.2260

■ 150.9680, 3.0260,
0.2260

255.0000, -0.0000,
-0.0000

■ 124.9680, 3.0260,
0.2260

■ 204.9680, 3.0260,
0.2260

■ 99.9680, 3.0260,
0.2260

■ 233.2670, 3.6220,
0.4380

■ 76.0820, 2.7050,
0.5370

■ 53.6690, 2.4300,
0.0140

■ 32.6690, 2.4300,
0.0140

■ 9.1530, 3.9430,
0.1270

■ 0.0000, 0.0000,

0.0000

■ 150.9680, 3.0260,
0.2260

■ 150.9680, 3.0260,
0.2260

■ 143.3880, 10.5910,
0.7910

■ 158.5480, -4.5390,
-0.3390

■ 135.1070, 18.7520,
1.5680

■ 166.8290,
-12.7000, -1.1160

■ 127.5270, 26.3170,
2.1330

■ 174.4090,
-20.2650, -1.6810

■ 119.8330, 34.2030,
2.3870

■ 182.1030,
-28.1510, -1.9350

■ 112.2530, 41.7680,
2.9520

■ 189.6830,
-35.7160, -2.5000

■ 104.0860, 49.6080,
4.0400

■ 197.8500,
-43.5560, -3.5880

■ 96.3920, 57.4940,
4.2940

■ 205.4300,
-51.1210, -4.1530

■ 88.8120, 65.0590,
4.8590

■ 211.3000,
-53.8710, -9.3830

■ 81.1180, 72.9450,
5.1130

■ 217.1700,
-56.6210, -14.6130

Harmonies

Analogous

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



151.3810, 3.3010, 0.7490



150.9680, 3.0260, 0.2260



151.1420, 2.4760, -0.8200

Triad

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



150.9680, 3.0260, 0.2260



150.2770, -2.3380, -1.6820



150.7550, -0.6880, 1.4560

Complementary

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



150.9680, 3.0260, 0.2260



151.0320, -3.0260, -0.2260

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.



150.7440, -2.1550, 0.5090



150.9680, 3.0260, 0.2260



150.5050, -2.9800, -1.0600

Square

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



150.9680, 3.0260, 0.2260



150.7610, -0.8250, -1.5690



150.0320, -3.0260, -0.2260



151.2390, 0.8250, 1.5690

Rectangle

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



150.9680, 3.0260, 0.2260



150.5440, 1.2840, -1.2440



150.0320, -3.0260, -0.2260



151.0430, -1.5590, 0.7210

Sweetspot

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



150.9680, 3.0260, 0.2260



200.1850, 0.9170, -0.0990



150.2500, 2.2920, 2.5160



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.



150.9680, 3.0260, 0.2260



196.3380, 4.8600, 0.0280



152.7290, 2.2010, -1.3430



74.0820, 2.7050, 0.5370



69.4490, 70.5150, 5.0990



6.2350, 6.6480, 0.6640

Inverse Universe

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



151.0320, -3.0260, -0.2260



196.2490, -5.1350, -0.5510



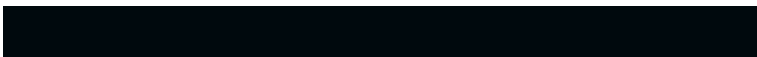
149.2710, -2.2010, 1.3430



74.3310, -2.4300, -0.0140



71.1380, -70.7900, -5.6220



6.7650, -6.6480, -0.6640

Previews

White Background



This preview shows how the YIQ color 150.9680, 3.0260, 0.2260 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 150.9680, 3.0260, 0.2260 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

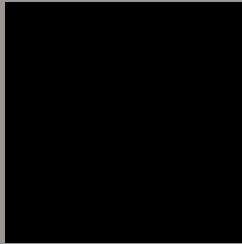
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

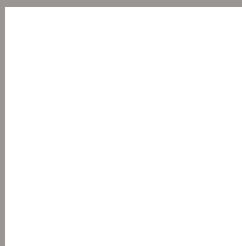
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 150.9680, 3.0260, 0.2260

Background



This preview shows how black text looks on a background with the YIQ color 150.9680, 3.0260, 0.2260.



This preview shows how white text looks on a background with the YIQ color 150.9680, 3.0260,

0.2260.

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

150.9680, 3.0260, 0.2260

Protanopia

150.9680, 3.0260, 0.2260

Deuteranopia

152.3220, 10.9570, 5.1730



Tritanopia

151.7600, 0.9160, 5.4280

Trichromacy



Original Color

150.9680, 3.0260, 0.2260

Protanomaly

150.9680, 3.0260, 0.2260

Deuteranomaly

151.7130, 8.2980, 3.8020

Tritanomaly

151.5920, 1.3290, 3.4490

Monochromacy



Original Color

150.9680, 3.0260, 0.2260

Achromatopsia

151.0000, -0.0000, 0.0000

Achromatomaly

151.1850, 0.9170, -0.0990

CSS Examples

Text

The CSS property to change the color of the text to YIQ 150.9680, 3.0260, 0.2260 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(154, 150, 148)` looks like.

```
.text, #text, p{  
    color:rgb(154, 150, 148)  
}
```

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(154, 150, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 150, 148) }
```

Border

The CSS property to change the border of an element to YIQ 150.9680, 3.0260, 0.2260 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(154, 150, 148) }
```


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

```
.border{ border-color:rgb(154, 150, 148) }
```

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

Here you see how a box with a 4 pixel rgb(154, 150, 148) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 150, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 150, 148);  
box-shadow:4px 4px 4px 4px rgb(154, 150,  
148) }
```

Background

The CSS property to change the background color of an element to YIQ 150.9680, 3.0260, 0.2260 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 150, 148) }
```

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

```
.background{ background-color: rgb(154,  
150, 148) }
```

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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