

Converting Colors

YIQ(152.9480, 14.9460, 4.4660)

Have a look what the booklet for
YIQ(152.9480, 14.9460, 4.4660)
contains.

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Color

**YIQ(152.9480, 14.9460,
4.4660)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | AA9290 |
| RGB | 170, 146, 144 |
| RGB Percent | 67%, 57%, 56% |
| CMY | 0.3333, 0.4275, 0.4352 |
| CMYK | 0.00, 0.14, 0.15, 0.33 |
| HSL | 5°, 13%, 62% |
| HSV | 5°, 15%, 67% |
| XYZ | 31.8932, 31.1164, 30.7169 |
| YIQ | 152.9480, 14.9460, 4.4660 |

Conversions

Conversions Part 2

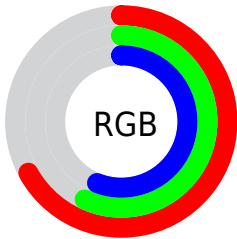
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 170, 146, 144 |
| Decimal | 11178640 |
| CIELab | 62.61, 8.63, 4.36 |
| CIELCh | 63, 9.668, 26.786 |
| Yxy | 31.1164, 0.3403, 0.3320 |
| Android (android.graphics.Color) | 4289368720 (0xFFAA9290) |
| YUV | 152.9480, -4.4114, 14.9546 |
| Hunter-Lab | 55.7821, 4.4382, 6.3989 |

Details

The YIQ color **152.9480, 14.9460, 4.4660** is a light color, and the websafe version is hex **999999**. A complement of this color would be **161.0520, -14.9460, -4.4660**, and the grayscale version is **153.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **207.2470, 15.5420, 4.6780**, and **101.7630, 14.0290, 4.5650** is the 20% darker color. If you saturate the color by 10%, you get **141.6180, 24.8030, 7.5470**, and if you desaturate by 10%, it is **164.2780, 5.0890, 1.3850**.

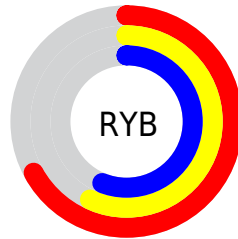
Distribution



Red (67%)

Green (57%)

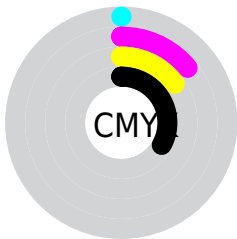
Blue (56%)



Red (67%)

Yellow (57%)

Blue (56%)

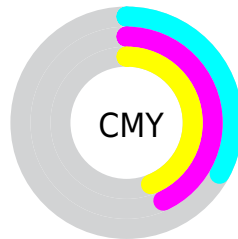


Cyan (0%)

Magenta (14%)

Yellow (15%)

Black (33%)



Cyan (33%)

Magenta (43%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 152.9480, 14.9460, 4.4660 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 152.9480, 14.9460, 4.4660 by changing the saturation by 10% instead.

■ 152.9480, 14.9460,
4.4660

■ 152.9480, 14.9460,
4.4660

255.0000, -0.0000,
-0.0000

■ 126.6490, 14.3500,
4.2540

■ 207.5460, 16.1380,
4.8900

■ 101.7630, 14.0290,
4.5650

■ 235.5460, 16.1380,
4.8900

■ 78.0510, 13.1580,
3.8300

254.8860, 0.3210,
-0.3110

■ 54.8660, 12.2410,
3.9290

■ 33.2680, 11.0490,
3.5050

■ 9.2470, 15.5420,
4.6780

■ 0.0000, 0.0000,

0.0000

■ 152.9480, 14.9460,
4.4660

■ 152.9480, 14.9460,
4.4660

■ 141.6180, 24.8030,
7.5470

■ 164.2780, 5.0890,
1.3850

■ 130.8750, 34.3850,
10.1050

■ 175.0210, -4.4930,
-1.1730

■ 119.5450, 44.2420,
13.1860

■ 186.3510,
-14.3500, -4.2540

■ 108.2150, 54.0990,
16.2670

■ 197.6810,
-24.2070, -7.3350

■ 96.8850, 63.9560,
19.3480

■ 209.0110,
-34.0640, -10.4160

■ 86.1420, 73.5380,
21.9060

■ 219.7540,
-43.6460, -12.9740

■ 74.8120, 83.3950,
24.9870

■ 229.5850,
-50.6600, -18.0200

■ 63.4820, 93.2520,
28.0680

■ 58.4610, 97.7450,
29.2410

Harmonies

Analogous

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



153.3760, 10.8650, 6.8410



152.9480, 14.9460, 4.4660



152.4270, 14.8550, 0.6070

Triad

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



152.9480, 14.9460, 4.4660



149.0330, -4.7670, -7.2230



150.5350, -11.6920, 2.6440

Complementary

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



152.9480, 14.9460, 4.4660



161.0520, -14.9460, -4.4660

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.



149.5620, -16.3220, -1.5540



152.9480, 14.9460, 4.4660



149.0260, -12.0570, -7.2650

Square

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



152.9480, 14.9460, 4.4660



150.1650, 3.6690, -5.9230



148.5680, -16.4590, -4.5790



152.5360, -4.2650, 5.7110

Rectangle

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



152.9480, 14.9460, 4.4660



151.8780, 11.9670, -2.1210



148.5680, -16.4590, -4.5790



150.2250, -13.7550, 1.4850

Sweetspot

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



152.9480, 14.9460, 4.4660



214.8760, 6.2810, 1.8090



154.5100, 7.7920, 12.9760



107.6800, 3.8970, 0.9610



240.0000, -0.0000, -0.0000



112.0000, -0.0000, 0.0000

Same Dimension

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



152.9480, 14.9460, 4.4660



195.7210, 23.0150, 6.9110



160.5790, 11.3710, -2.3330



78.3920, 4.7680, 1.6960



50.7090, 85.1830, 25.6230



7.1540, 11.3700, 3.1940

Inverse Universe

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



161.0520, -14.9460, -4.4660



208.2790, -23.0150, -6.9110



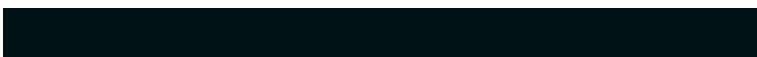
153.4210, -11.3710, 2.3330



81.6080, -4.7680, -1.6960



97.2910, -85.1830, -25.6230



13.4330, -11.6450, -3.7170

Previews

White Background



This preview shows how the YIQ color 152.9480, 14.9460, 4.4660 looks on a white background.

Color Contrast Check

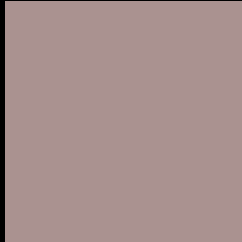
Large Text (above 18pt) WCAG AA × Fail

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 152.9480, 14.9460, 4.4660 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 152.9480, 14.9460, 4.4660

Background



This preview shows how black text looks on a background with the YIQ color 152.9480, 14.9460, 4.4660.



This preview shows how white text looks on a background with the YIQ color 152.9480, 14.9460,

4.4660.

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

152.9480, 14.9460, 4.4660

Protanopia

151.7400, 3.6680, -0.3960

Deuteranopia

152.6490, 14.3500, 4.2540



Tritanopia

153.3270, 12.5610, 9.1450

Trichromacy



Original Color

152.9480, 14.9460, 4.4660

Protanomaly

151.9470, 7.5190, 1.3990

Deuteranomaly

152.6490, 14.3500, 4.2540

Tritanomaly

153.4580, 13.5700, 7.3780

Monochromacy



Original Color

152.9480, 14.9460, 4.4660

Achromatopsia

153.0000, 0.0000, -0.0000

Achromatomaly

152.6910, 5.3640, 1.9080

CSS Examples

Text

The CSS property to change the color of the text to YIQ 152.9480, 14.9460, 4.4660 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(170, 146, 144)` looks like.

```
.text, #text, p{  
    color:rgb(170, 146, 144)  
}
```

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(170, 146, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 146, 144) }
```

Border

The CSS property to change the border of an element to YIQ 152.9480, 14.9460, 4.4660 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(170, 146, 144) }
```


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

```
.border{ border-color:rgb(170, 146, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 146, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 146, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 146, 144);  
box-shadow:4px 4px 4px 4px rgb(170, 146,  
144) }
```

Background

The CSS property to change the background color of an element to YIQ 152.9480, 14.9460, 4.4660 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 146, 144) }
```

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

```
.background{ background-color: rgb(170,  
146, 144) }
```

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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