

Converting Colors

YIQ(150.4690, 15.0370, 8.3250)

Have a look what the booklet for
YIQ(150.4690, 15.0370, 8.3250)
contains.

YIQ(150.4690, 15.0370, 8.3250)	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(150.4690, 15.0370,
8.3250)**

Conversions

Conversions Part 1

Format	Color
Hex	AA8D94
RGB	170, 141, 148
RGB Percent	67%, 55%, 58%
CMY	0.3333, 0.4471, 0.4195
CMYK	0.00, 0.17, 0.13, 0.33
HSL	345°, 15%, 61%
HSV	345°, 17%, 67%
XYZ	31.4511, 29.7329, 32.1041
YIQ	150.4690, 15.0370, 8.3250

Conversions

Conversions Part 2

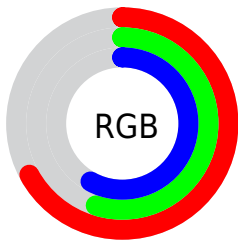
Format	Color
R _Y B	170, 141, 148
Decimal	11177364
CIE Lab	61.42, 12.12, 0.37
CIE LCh	61, 12.121, 1.759
Yxy	29.7329, 0.3371, 0.3187
Android (android.graphics.Color)	4289367444 (0xFFAA8D94)
YUV	150.4690, -1.2172, 17.1287
Hunter-Lab	54.5278, 7.5332, 3.2616

Details

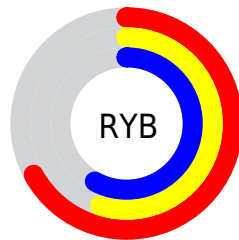
The YIQ color **150.4690, 15.0370, 8.3250** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **160.5310, -15.0370, -8.3250**, and the grayscale version is **150.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **205.0670, 16.2290, 8.7490**, and **99.7570, 14.1660, 7.5900** is the 20% darker color. If you saturate the color by 10%, you get **139.0080, 23.8850, 13.1730**, and if you desaturate by 10%, it is **161.9300, 6.1890, 3.4770**.

Distribution



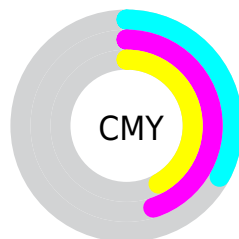
- Red (67%)
- Green (55%)
- Blue (58%)



- Red (67%)
- Yellow (55%)
- Blue (58%)



- Cyan (0%)
- Magenta (17%)
- Yellow (13%)
- Black (33%)





- Cyan (33%)
- Magenta (45%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 150.4690, 15.0370, 8.3250 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 150.4690, 15.0370, 8.3250 by changing the saturation by 10% instead.


 150.4690, 15.0370,
8.3250


 150.4690, 15.0370,
8.3250


255.0000, -0.0000,
-0.0000

 124.1700, 14.4410,
8.1130


 205.0670, 16.2290,
8.7490


 99.7570, 14.1660,
7.5900


 233.0670, 16.2290,
8.7490

 75.5720, 13.2490,
7.6890

 252.6520, 1.1000,
2.0920

 52.8600, 12.3780,
6.9540

 31.2620, 11.1860,
6.5300

 8.9420, 15.0830,
7.4910

 0.0000, 0.0000,

0.0000

150.4690, 15.0370,
8.3250

150.4690, 15.0370,
8.3250

139.0080, 23.8850,
13.1730

161.9300, 6.1890,
3.4770

127.5470, 32.7330,
18.0210

173.3910, -2.6590,
-1.3710

116.0860, 41.5810,
22.8690

184.8520,
-11.5070, -6.2190

104.6250, 50.4290,
27.7170

196.3130,
-20.3550, -11.0670

93.2780, 58.9560,
32.8760

207.6600,
-28.8820, -16.2260

81.8170, 67.8040,
37.7240

219.1210,
-37.7300, -21.0740

■ 70.3560, 76.6520,
42.5720

■ 227.6470,
-45.2030, -23.3070

■ 58.8950, 85.5000,
47.4200

■ 229.1290,
-49.3760, -19.2640

■ 55.5040, 88.1590,
48.7910

■ 229.5850,
-50.6600, -18.0200

Harmonies

Analogous

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



150.2170, 7.0590, 9.7390



150.4690, 15.0370, 8.3250



150.1010, 18.8890, 4.5930

Triad

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



150.4690, 15.0370, 8.3250



146.5130, 2.5690, -8.0150



145.9360, -20.3110, -0.8470

Complementary

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



150.4690, 15.0370, 8.3250



160.5310, -15.0370, -8.3250

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.



144.7030, -21.2730, -5.4410



150.4690, 15.0370, 8.3250



145.5980, -7.9760, -9.6400

Square

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



150.4690, 15.0370, 8.3250



147.9980, 11.5090, -4.8350



145.0470, -16.5500, -8.4380



147.9910, -12.9760, 3.8880

Rectangle

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



150.4690, 15.0370, 8.3250



149.2210, 18.4310, 1.8790



145.0470, -16.5500, -8.4380



145.6970, -21.1360, -2.4160

Sweetspot

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



150.4690, 15.0370, 8.3250



214.5170, 5.9140, 2.9540



150.8840, 3.8030, 13.6830



107.3210, 3.5300, 2.1060



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.



150.4690, 15.0370, 8.3250



191.7090, 23.2890, 12.9610



153.7800, 15.3590, 2.4870



78.6200, 4.1260, 2.3180



48.3560, 76.6520, 42.5720



6.5500, 10.3150, 5.7950

Inverse Universe

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



150.4690, 15.0370, 8.3250



191.7090, 23.2890, 12.9610



157.2200, -15.3590, -2.4870



78.6200, 4.1260, 2.3180



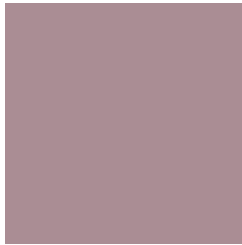
48.3560, 76.6520, 42.5720



6.5500, 10.3150, 5.7950

Previews

White Background



This preview shows how the YIQ color 150.4690, 15.0370, 8.3250 looks on a white background.

Color Contrast Check

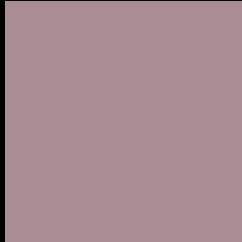
Large Text (above 18pt) WCAG AA ✓ Pass

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 150.4690, 15.0370, 8.3250 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 × Fail

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

YIQ 150.4690, 15.0370, 8.3250

Background



This preview shows how black text looks on a background with the YIQ color 150.4690, 15.0370, 8.3250.



This preview shows how white text looks on a background with the YIQ color 150.4690, 15.0370,

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

150.4690, 15.0370, 8.3250

Protanopia

149.0540, -0.0920, 1.6680

Deuteranopia

150.0230, 10.3610, 4.9610



Tritanopia

150.2240, 14.3490, 9.7810

Trichromacy



Original Color

150.4690, 15.0370, 8.3250

Protanomaly

149.2720, 5.2260, 4.4100

Deuteranomaly

150.3330, 12.4240, 6.1200

Tritanomaly

150.1100, 14.6700, 9.4700

Monochromacy



Original Color

150.4690, 15.0370, 8.3250

Achromatopsia

150.0000, -0.0000, -0.0000

Achromatomaly

150.2180, 5.3180, 2.7420

CSS Examples

Text

The CSS property to change the color of the text to YIQ 150.4690, 15.0370, 8.3250 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, 141, 148)` looks like.

```
.text, #text, p{  
    color:rgb(170, 141, 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(170, 141, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 141, 148) }
```

Border

The CSS property to change the border of an element to YIQ 150.4690, 15.0370, 8.3250 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, 141, 148) }
```


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

```
.border{ border-color:rgb(170, 141, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 141, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 141, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 141, 148);  
box-shadow:4px 4px 4px 4px rgb(170, 141,  
148) }
```

Background

The CSS property to change the background color of an element to YIQ 150.4690, 15.0370, 8.3250 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 141, 148) }
```

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

```
.background{ background-color: rgb(170,  
141, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor