

# Converting Colors

YIQ(160.6490, 14.3500, 4.2540)

Have a look what the booklet for  
YIQ(160.6490, 14.3500, 4.2540)  
contains.

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# Color

**YIQ(160.6490, 14.3500,  
4.2540)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B19A98
RGB	177, 154, 152
RGB Percent	69%, 60%, 60%
CMY	0.3058, 0.3961, 0.4039
CMYK	0.00, 0.13, 0.14, 0.31
HSL	5°, 14%, 65%
HSV	5°, 14%, 69%
XYZ	35.3573, 34.7242, 34.5511
YIQ	160.6490, 14.3500, 4.2540

# Conversions

## Conversions Part 2

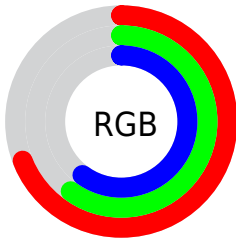
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">177, 154, 152</a>
Decimal	<a href="#">11639448</a>
CIELab	<a href="#">65.53, 8.16, 4.16</a>
CIELCh	<a href="#">66, 9.159, 27.007</a>
Yxy	<a href="#">34.7242, 0.3379, 0.3319</a>
Android (android.graphics.Color)	<a href="#">4289829528 (0xFFB19A98)</a>
YUV	<a href="#">160.6490, -4.2640, 14.3398</a>
Hunter-Lab	<a href="#">58.9273, 3.9802, 6.4853</a>

# Details

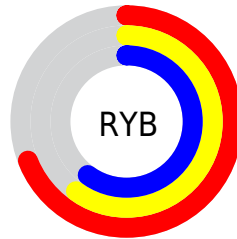
The YIQ color **160.6490, 14.3500, 4.2540** is a light color, and the websafe version is hex **999999**. A complement of this color would be **168.3510, -14.3500, -4.2540**, and the grayscale version is **161.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **215.2470, 15.5420, 4.6780**, and **109.0510, 13.1580, 3.8300** is the 20% darker color. If you saturate the color by 10%, you get **149.2050, 24.5280, 7.0240**, and if you desaturate by 10%, it is **172.0930, 4.1720, 1.4840**.

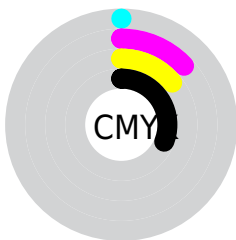
# Distribution



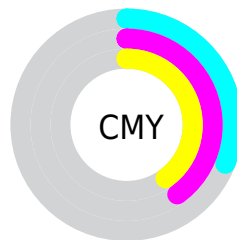
- Red (69%)
- Green (60%)
- Blue (60%)



- Red (69%)
- Yellow (60%)
- Blue (60%)



- Cyan (0%)
- Magenta (13%)
- Yellow (14%)
- Black (31%)



- Cyan (31%)
- Magenta (40%)
- Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the YIQ color 160.6490, 14.3500, 4.2540 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 160.6490, 14.3500, 4.2540 by changing the saturation by 10% instead.



■ 160.6490, 14.3500,  
4.2540

■ 160.6490, 14.3500,  
4.2540

■ 255.0000, -0.0000,  
-0.0000

■ 134.3500, 13.7540,  
4.0420

■ 215.2470, 15.5420,  
4.6780

■ 109.0510, 13.1580,  
3.8300

■ 242.0400, 11.6910,  
2.8830

■ 84.7520, 12.5620,  
3.6180

■ 61.5670, 11.6450,  
3.7170

■ 39.2680, 11.0490,  
3.5050

■ 18.0400, 11.6910,  
2.8830

■ 0.0000, 0.0000,

0.0000

160.6490, 14.3500,  
4.2540

160.6490, 14.3500,  
4.2540

149.2050, 24.5280,  
7.0240

172.0930, 4.1720,  
1.4840

137.2880, 34.6600,  
10.6280

184.0100, -5.9600,  
-2.1200

125.8440, 44.8380,  
13.3980

195.4540,  
-16.1380, -4.8900

114.4000, 55.0160,  
16.1680

206.8980,  
-26.3160, -7.6600

102.4830, 65.1480,  
19.7720

218.3420,  
-36.4940, -10.4300

91.0390, 75.3260,  
22.5420

229.9170,  
-45.6630, -14.9670

■ 79.5950, 85.5040,  
25.3120

■ 231.6780,  
-46.4880, -16.5360

■ 68.1510, 95.6820,  
28.0820

■ 61.1410, 101.6420,  
30.2020

# Harmonies

## Analogous

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



160.9630, 10.5900, 6.3180



160.6490, 14.3500, 4.2540



160.2420, 13.9380, 0.7060

# Triad

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



160.6490, 14.3500, 4.2540



157.0330, -4.7670, -7.2230



158.7200, -10.7750, 2.5450

# Complementary

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



160.6490, 14.3500, 4.2540



168.3510, -14.3500, -4.2540

# 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.



157.2740, -15.4510, -0.8190



160.6490, 14.3500, 4.2540



156.4390, -11.7820, -6.7420

# Square

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



160.6490, 14.3500, 4.2540



158.1650, 3.6690, -5.9230



156.7530, -15.5420, -4.6780



159.8350, -3.6690, 5.9230



# Rectangle

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



160.6490, 14.3500, 4.2540



159.2910, 12.2420, -1.5980



156.7530, -15.5420, -4.6780



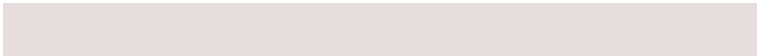
158.4100, -12.8380, 1.3860

# Sweetspot

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



160.6490, 14.3500, 4.2540



223.5770, 5.6850, 1.5970



162.0970, 7.5170, 12.4530



110.7940, 3.5760, 1.2720



242.0000, -0.0000, 0.0000



115.0000, -0.0000, 0.0000



# Same Dimension

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



160.6490, 14.3500, 4.2540



204.3080, 22.7400, 6.3880



167.6930, 11.0500, -2.0220



83.2780, 5.0890, 1.3850



52.7910, 87.8880, 26.1600



8.9480, 14.9460, 4.4660



# Inverse Universe

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



168.3510, -14.3500, -4.2540



215.6920, -22.7400, -6.3880



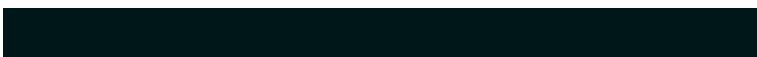
161.3070, -11.0500, 2.0220



86.3090, -5.3640, -1.9080



100.2090, -87.8880, -26.1600



16.4650, -14.6710, -3.9430



# Previews

## White Background



This preview shows how the YIQ color 160.6490, 14.3500, 4.2540 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

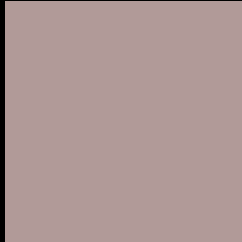
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YIQ color 160.6490, 14.3500, 4.2540 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

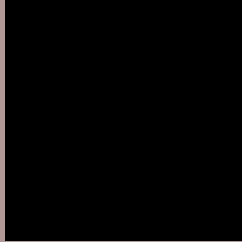
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YIQ 160.6490, 14.3500, 4.2540

## Background



This preview shows how black text looks on a background with the YIQ color 160.6490, 14.3500, 4.2540.



This preview shows how white text looks on a background with the YIQ color 160.6490, 14.3500,



# 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

160.6490, 14.3500, 4.2540

### Protanopia

159.7400, 3.6680, -0.3960

### Deuteranopia

160.6490, 14.3500, 4.2540



## Tritanopia

161.4410, 12.2400, 9.4560

# Trichromacy



## Original Color

160.6490, 14.3500, 4.2540

## Protanomaly

159.9470, 7.5190, 1.3990

## Deuteranomaly

160.6490, 14.3500, 4.2540

## Tritanomaly

161.2730, 12.6530, 7.4770

# Monochromacy



## Original Color

160.6490, 14.3500, 4.2540

## Achromatopsia

161.0000, -0.0000, -0.0000

## Achromatomaly

160.6910, 5.3640, 1.9080

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 160.6490, 14.3500, 4.2540 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(177, 154, 152)` looks like.

```
.text, #text, p{  
    color:rgb(177, 154, 152)  
}
```

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(177, 154, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 154, 152) }
```

## Border

The CSS property to change the border of an element to YIQ 160.6490, 14.3500, 4.2540 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(177, 154, 152) }
```



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

```
.border{ border-color:rgb(177, 154, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 154, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 154, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 154, 152);  
box-shadow:4px 4px 4px 4px rgb(177, 154,  
152) }
```

# Background

The CSS property to change the background color of an element to YIQ 160.6490, 14.3500, 4.2540 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 154, 152) }
```

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

```
.background{ background-color: rgb(177,  
154, 152) }
```

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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