

# Converting Colors

YIQ(149.6470, 8.6640, 8.1840)

Have a look what the booklet for  
YIQ(149.6470, 8.6640, 8.1840)  
contains.

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# Color

**YIQ(149.6470, 8.6640,  
8.1840)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A38E9A
RGB	163, 142, 154
RGB Percent	64%, 56%, 60%
CMY	0.3607, 0.4432, 0.3960
CMYK	0.00, 0.13, 0.06, 0.36
HSL	326°, 10%, 60%
HSV	326°, 13%, 64%
XYZ	30.6122, 29.4648, 34.6485
YIQ	149.6470, 8.6640, 8.1840

# Conversions

## Conversions Part 2

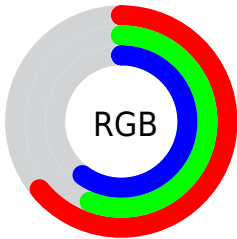
<b>Format</b>	<b>Color</b>
<b>RYB</b>	163, 142, 154
Decimal	10718874
CIELab	61.19, 10.02, -3.46
CIELCh	61, 10.599, 340.958
Yxy	29.4648, 0.3232, 0.3111
Android (android.graphics.Color)	4288908954 (0xFFA38E9A)
YUV	149.6470, 2.1460, 11.7106
Hunter-Lab	54.2815, 5.6731, 0.1515

# Details

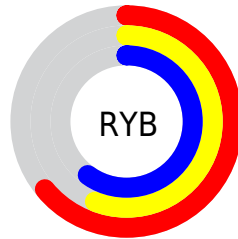
The YIQ color **149.6470, 8.6640, 8.1840** is a light color, and the websafe version is hex **999999**. A complement of this color would be **155.3530, -8.6640, -8.1840**, and the grayscale version is **150.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **203.9460, 9.2600, 8.3960**, and **98.9350, 7.7930, 7.4490** is the 20% darker color. If you saturate the color by 10%, you get **139.4570, 15.3110, 14.3750**, and if you desaturate by 10%, it is **159.8370, 2.0170, 1.9930**.

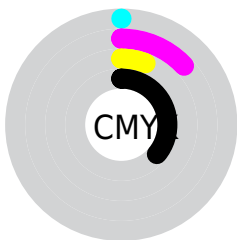
# Distribution



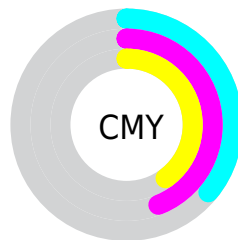
- Red (64%)
- Green (56%)
- Blue (60%)



- Red (64%)
- Yellow (56%)
- Blue (60%)



- Cyan (0%)
- Magenta (13%)
- Yellow (6%)
- Black (36%)



- Cyan (36%)
- Magenta (44%)
- Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the YIQ color 149.6470, 8.6640, 8.1840 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 149.6470, 8.6640, 8.1840 by changing the saturation by 10% instead.



 149.6470, 8.6640,  
8.1840


 149.6470, 8.6640,  
8.1840


255.0000, -0.0000,  
-0.0000

 123.6470, 8.6640,  
8.1840


 203.9460, 9.2600,  
8.3960


 98.9350, 7.7930,  
7.4490


 232.3590, 9.5350,  
8.9190

 74.9350, 7.7930,  
7.4490

 253.2390, 0.8250,  
1.5690

 52.2230, 6.9220,  
6.7140

 30.9240, 6.3260,  
6.5020

 8.0600, 8.9390,  
8.7070

 0.0000, 0.0000,

0.0000

■ 149.6470, 8.6640,  
8.1840

■ 149.6470, 8.6640,  
8.1840

■ 139.4570, 15.3110,  
14.3750

■ 159.8370, 2.0170,  
1.9930

■ 128.6800, 22.2330,  
21.0890

■ 170.6140, -4.9050,  
-4.7210

■ 118.4900, 28.8800,  
27.2800

■ 180.8040,  
-11.5520, -10.9120

■ 108.3000, 35.5270,  
33.4710

■ 190.9940,  
-18.1990, -17.1030

■ 97.5230, 42.4490,  
40.1850

■ 201.7710,  
-25.1210, -23.8170

■ 87.3330, 49.0960,  
46.3760

■ 211.9610,  
-31.7680, -30.0080

■ 77.1430, 55.7430,  
52.5670

■ 221.5640,  
-38.1400, -35.6760

■ 66.9530, 62.3900,  
58.7580

■ 222.3620,  
-40.3870, -33.4990

■ 59.3390, 67.2950,  
63.4790

■ 223.1600,  
-42.6340, -31.3220

# Harmonies

## Analogous

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



149.0420, 0.1820, 7.7180



149.6470, 8.6640, 8.1840



149.4150, 15.1290, 6.6570

# Triad

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



149.6470, 8.6640, 8.1840



147.0300, 8.4830, -5.0610



144.8390, -18.6600, -3.2360

# Complementary

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



149.6470, 8.6640, 8.1840



155.3530, -8.6640, -8.1840

# 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.



144.4000, -16.0460, -6.5580



149.6470, 8.6640, 8.1840



145.9580, -0.1820, -7.7180

# Square

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



149.6470, 8.6640, 8.1840



148.0740, 14.3510, -1.2730



145.0540, -9.2600, -8.3960



146.0290, -16.1390, 0.6370



# Rectangle

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



149.6470, 8.6640, 8.1840



149.3180, 16.7800, 4.2680



145.0540, -9.2600, -8.3960



144.7850, -18.5680, -4.9040

# Sweetspot

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



149.6470, 8.6640, 8.1840



206.2610, 3.7590, 3.4630



147.0850, -1.3770, 8.4390



103.8370, 2.0170, 1.9930



235.0000, 0.0000, -0.0000



107.0000, -0.0000, 0.0000



# Same Dimension

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



149.6470, 8.6640, 8.1840



191.6200, 13.2940, 12.3820



148.5070, 11.8740, 5.0740



76.2610, 3.7590, 3.4630



52.8170, 59.7770, 56.5530



6.5220, 7.5180, 6.9260



# Inverse Universe

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



149.6470, 8.6640, 8.1840



191.6200, 13.2940, 12.3820



156.4930, -11.8740, -5.0740



76.2610, 3.7590, 3.4630



52.8170, 59.7770, 56.5530



6.5220, 7.5180, 6.9260



# Previews

## White Background



This preview shows how the YIQ color 149.6470, 8.6640, 8.1840 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

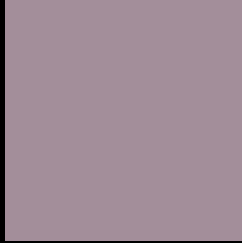
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YIQ color 149.6470, 8.6640, 8.1840 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

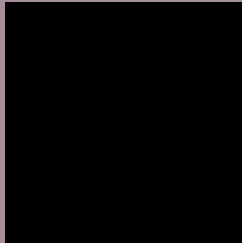
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

**YIQ 149.6470, 8.6640, 8.1840**

## **Background**



This preview shows how black text looks on a background with the YIQ color 149.6470, 8.6640, 8.1840.



This preview shows how white text looks on a background with the YIQ color 149.6470, 8.6640,



# 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

149.6470, 8.6640, 8.1840

### Protanopia

148.4390, -2.6140, 3.3220

### Deuteranopia

149.0380, 6.0050, 6.8130



## Tritanopia

149.5330, 8.9850, 7.8730

# Trichromacy



## Original Color

149.6470, 8.6640, 8.1840

## Protanomaly

148.6460, 1.2370, 5.1170

## Deuteranomaly

149.3370, 6.6010, 7.0250

## Tritanomaly

149.5330, 8.9850, 7.8730

# Monochromacy



## Original Color

149.6470, 8.6640, 8.1840

## Achromatopsia

150.0000, -0.0000, -0.0000

## Achromatomaly

149.8480, 3.4840, 2.9400

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 149.6470, 8.6640, 8.1840 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(163, 142, 154)` looks like.

```
.text, #text, p{  
    color:rgb(163, 142, 154)  
}
```

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(163, 142, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 142, 154) }
```

## Border

The CSS property to change the border of an element to YIQ 149.6470, 8.6640, 8.1840 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(163, 142, 154) }
```



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

```
.border{ border-color:rgb(163, 142, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 142, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 142, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 142, 154);  
box-shadow:4px 4px 4px 4px rgb(163, 142,  
154) }
```

# Background

The CSS property to change the background color of an element to YIQ 149.6470, 8.6640, 8.1840 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 142, 154) }
```

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

```
.background{ background-color: rgb(163,  
142, 154) }
```

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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