

# Converting Colors

YIQ(149.2430, -14.1660,  
-7.5900)

Have a look what the booklet for  
YIQ(149.2430, -14.1660, -7.5900)  
contains.

<b>YIQ(149.2430, -14.1660, -7.5900)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**YIQ(149.2430, -14.1660,  
-7.5900)**

# Conversions

## Conversions Part 1

Format	Color
Hex	839E98
RGB	131, 158, 152
RGB Percent	51%, 62%, 60%
CMY	0.4863, 0.3803, 0.4040
CMYK	0.17, 0.00, 0.04, 0.38
HSL	167°, 12%, 57%
HSV	167°, 17%, 62%
XYZ	27.2526, 31.5481, 34.3531
YIQ	149.2430, -14.1660, -7.5900

# Conversions

## Conversions Part 2

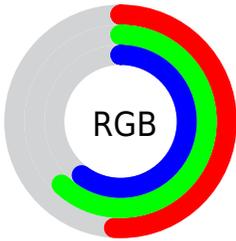
<b>Format</b>	<b>Color</b>
<b>RYB</b>	131, 146, 158
Decimal	8625816
CIELab	62.97, -10.67, -0.00
CIELCh	63, 10.672, 180.019
Yxy	31.5481, 0.2926, 0.3387
Android (android.graphics.Color)	4286815896 (0xFF839E98)
YUV	149.2430, 1.3592, -15.9991
Hunter-Lab	56.1677, -11.6851, 3.0546

# Details

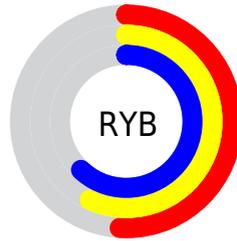
The YIQ color  $149.2430, -14.1660, -7.5900$  is a dark color, and the websafe version is hex  $669999$ . A complement of this color would be  $139.7570, 14.1660, 7.5900$ , and the grayscale version is  $149.0000, 0.0000, -0.0000$ .

A 20% lighter version of the original color is  $203.5310, -15.0370, -8.3250$ , and  $98.5420, -13.5700, -7.3780$  is the 20% darker color. If you saturate the color by 10%, you get  $144.0030, -22.4180, -12.2260$ , and if you desaturate by 10%, it is  $154.4830, -5.9140, -2.9540$ .

# Distribution



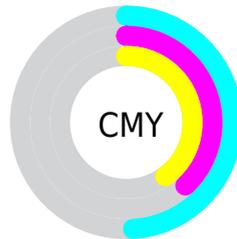
- Red (51%)
- Green (62%)
- Blue (60%)



- Red (51%)
- Yellow (57%)
- Blue (62%)



- Cyan (17%)
- Magenta (0%)
- Yellow (4%)
- Black (38%)



- Cyan (49%)
- Magenta (38%)
- Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the YIQ color 149.2430, -14.1660, -7.5900 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 149.2430, -14.1660, -7.5900 by changing the saturation by 10% instead.

■ 149.2430,  
-14.1660, -7.5900

■ 149.2430,  
-14.1660, -7.5900

■ 255.0000, -0.0000,  
-0.0000

■ 123.5420,  
-13.5700, -7.3780

■ 203.5310,  
-15.0370, -8.3250

■ 98.5420, -13.5700,  
-7.3780

■ 231.5310,  
-15.0370, -8.3250

■ 74.2540, -12.6990,  
-6.6430

■ 250.8140, -8.3440,  
-2.9680

■ 51.3680, -13.0200,  
-6.3320

■ 30.2540, -12.6990,  
-6.6430

■ 11.1190, -7.8850,  
-5.7810

■ 0.0000, 0.0000,

0.0000

■ 149.2430,  
-14.1660, -7.5900

■ 149.2430,  
-14.1660, -7.5900

■ 144.0030,  
-22.4180, -12.2260

■ 154.4830, -5.9140,  
-2.9540

■ 138.8770,  
-30.9910, -16.5510

■ 159.6090, 2.6590,  
1.3710

■ 133.9360,  
-38.6470, -20.9750

■ 164.5500, 10.3150,  
5.7950

■ 128.8100,  
-47.2200, -25.3000

■ 169.6760, 18.8880,  
10.1200

■ 123.5700,  
-55.4720, -29.9360

■ 174.9160, 27.1400,  
14.7560

■ 118.4440,  
-64.0450, -34.2610

■ 180.0420, 35.7130,  
19.0810

■ 113.2040,  
-72.2970, -38.8970

■ 185.2820, 43.9650,  
23.7170

■ 108.3770,  
-80.2740, -43.0100

■ 189.5110, 50.7500,  
27.4060

■ 106.7680,  
-82.9330, -44.3810

■ 189.9670, 49.4660,  
28.6500

# Harmonies

## Analogous

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



150.0220, -6.2340, -8.1700



149.2430, -14.1660, -7.5900



149.3720, -18.8430, -5.4270

# Triad

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



149.2430, -14.1660, -7.5900



153.3620, -3.7150, 6.7570



153.4980, 16.0930, 0.1970

# Complementary

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



149.2430, -14.1660, -7.5900



139.7570, 14.1660, 7.5900

# 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.



153.7310, 17.0550, 4.7910



149.2430, -14.1660, -7.5900



154.0920, 5.9130, 8.4810

# Square

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



149.2430, -14.1660, -7.5900



151.7630, -12.3340, 3.2660



154.2730, 12.6530, 7.4770



152.3400, 10.5460, -3.9020

# Rectangle

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



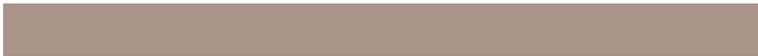
149.2430, -14.1660, -7.5900



150.2520, -18.3850, -2.7130



154.2730, 12.6530, 7.4770



153.4380, 16.3220, 1.5540

# Sweetspot

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



149.2430, -14.1660, -7.5900



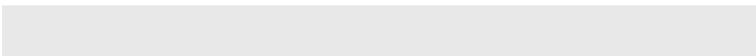
203.3690, -5.5930, -3.2650



148.6430, -3.8490, -12.8490



102.6790, -3.5300, -2.1060



232.0000, -0.0000, 0.0000



105.0000, 0.0000, 0.0000



# Same Dimension

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



149.2430, -14.1660, -7.5900



192.7040, -23.0140, -12.4380



145.8180, -14.1670, -2.0630



76.3800, -4.1260, -2.3180



96.5950, -74.9560, -40.2680



10.1730, -7.9770, -4.1130



# Inverse Universe

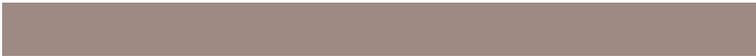
The Inverse Universe completely reimagines the original color for something new.



139.7570, 14.1660, 7.5900



177.2960, 23.0140, 12.4380



143.1820, 14.1670, 2.0630



73.6200, 4.1260, 2.3180



46.4050, 74.9560, 40.2680

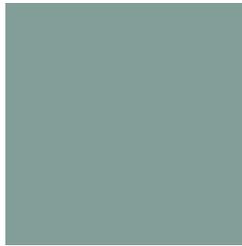


4.8270, 7.9770, 4.1130



# Previews

## White Background



This preview shows how the YIQ color 149.2430, -14.1660, -7.5900 looks on a white background.

## Color Contrast Check

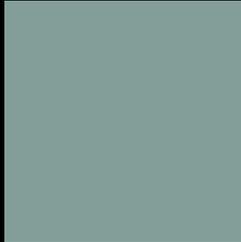
Large Text (above 18pt) WCAG AA × Fail

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 149.2430, -14.1660, -7.5900 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

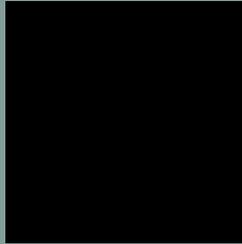
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YIQ 149.2430, -14.1660, -7.5900

## Background



This preview shows how black text looks on a background with the YIQ color 149.2430, -14.1660, -7.5900.



This preview shows how white text looks on a background with the YIQ color 149.2430, -14.1660, -7.5900.

-7.5900.

# 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

149.2430, -14.1660, -7.5900

### Protanopia

152.1530, 3.9430, 0.1270

### Deuteranopia

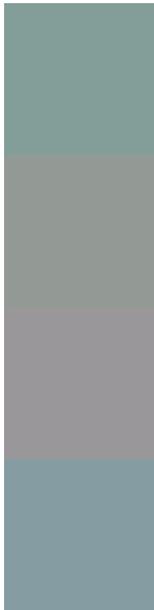
153.4790, 9.0770, 6.2050



## Tritanopia

150.7900, -16.9640, -0.9320

# Trichromacy



## Original Color

149.2430, -14.1660, -7.5900

## Protanomaly

151.3370, -2.5670, -3.0390

## Deuteranomaly

151.8260, 0.5500, 1.0460

## Tritanomaly

150.3940, -15.9090, -3.5330

# Monochromacy



## Original Color

149.2430, -14.1660, -7.5900

## Achromatopsia

149.0000, 0.0000, -0.0000

## Achromatomaly

148.7820, -5.3180, -2.7420

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 149.2430, -14.1660, -7.5900 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(131, 158, 152)` looks like.

```
.text, #text, p{  
    color:rgb(131, 158, 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(131, 158, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 158, 152) }
```

## Border

The CSS property to change the border of an element to YIQ 149.2430, -14.1660, -7.5900 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(131, 158, 152) }
```

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

```
.border{ border-color:rgb(131, 158, 152) }
```

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

Here you see how a box with a 4 pixel rgb(131, 158, 152) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 158, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 158, 152);  
box-shadow:4px 4px 4px 4px rgb(131, 158,  
152) }
```

# Background

The CSS property to change the background color of an element to YIQ 149.2430, -14.1660, -7.5900 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 158, 152) }
```

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

```
.background{ background-color: rgb(131,  
158, 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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