

# Converting Colors

YIQ(131.3760, -33.8340,  
-14.5860)

Have a look what the booklet for  
YIQ(131.3760, -33.8340, -14.5860)  
contains.

<b>YIQ(131.3760, -33.8340, -14.5860)</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(131.3760, -33.8340,  
-14.5860)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5A9690
RGB	90, 150, 144
RGB Percent	35%, 59%, 56%
CMY	0.6472, 0.4117, 0.4354
CMYK	0.40, 0.00, 0.04, 0.41
HSL	174°, 25%, 47%
HSV	174°, 40%, 59%
XYZ	20.1547, 26.0051, 30.3295
YIQ	131.3760, -33.8340, -14.5860

# Conversions

## Conversions Part 2

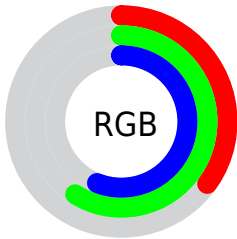
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	90, 122, 150
Decimal	5936784
CIE Lab	58.04, -20.99, -2.96
CIE LCh	58, 21.194, 188.023
Yxy	26.0051, 0.2635, 0.3400
Android (android.graphics.Color)	4284126864 (0xFF5A9690)
YUV	131.3760, 6.2236, -36.2868
Hunter-Lab	50.9952, -18.6936, 0.4338

# Details

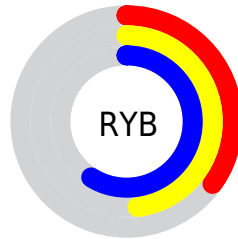
The YIQ color **131.3760, -33.8340, -14.5860** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **108.6240, 33.8340, 14.5860**, and the grayscale version is **131.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **185.0770, -34.4300, -14.7980**, and **80.1910, -34.7510, -14.4870** is the 20% darker color. If you saturate the color by 10%, you get **126.6630, -42.1320, -18.3880**, and if you desaturate by 10%, it is **135.9750, -25.2150, -11.0950**.

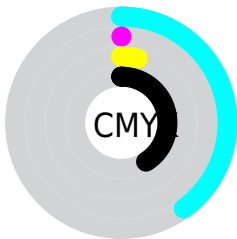
# Distribution



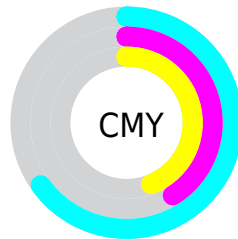
- Red (35%)
- Green (59%)
- Blue (56%)



- Red (35%)
- Yellow (48%)
- Blue (59%)



- Cyan (40%)
- Magenta (0%)
- Yellow (4%)
- Black (41%)



- Cyan (65%)
- Magenta (41%)
- Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the YIQ color 131.3760, -33.8340, -14.5860 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 131.3760, -33.8340, -14.5860 by changing the saturation by 10% instead.



■ 131.3760,  
-33.8340, -14.5860

■ 131.3760,  
-33.8340, -14.5860

■ 255.0000, -0.0000,  
-0.0000

■ 105.3760,  
-33.8340, -14.5860

■ 185.0770,  
-34.4300, -14.7980

■ 79.8920, -35.3470,  
-14.6990

■ 213.3650,  
-35.3010, -15.5330

■ 53.2010, -40.7110,  
-16.6070

■ 237.8430,  
-33.6510, -12.3950

■ 35.9960, -29.7080,  
-12.2680

■ 246.6280,  
-16.6880, -5.9360

■ 21.2750, -17.1920,  
-7.8160

■ 0.0000, 0.0000,  
0.0000

■ 131.3760,  
-33.8340, -14.5860

■ 131.3760,  
-33.8340, -14.5860

■ 126.6630,  
-42.1320, -18.3880

■ 135.9750,  
-25.2150, -11.0950

■ 122.0640,  
-50.7510, -21.8790

■ 140.6880,  
-16.9170, -7.2930

■ 117.3510,  
-59.0490, -25.6810

■ 145.4010, -8.6190,  
-3.4910

■ 112.7520,  
-67.6680, -29.1720

■ 150.0000, -0.0000,  
-0.0000

■ 108.0390,  
-75.9660, -32.9740

■ 154.7130, 8.2980,  
3.8020

■ 103.4400,  
-84.5850, -36.4650

■ 159.3120, 16.9170,  
7.2930

■ 164.0250, 25.2150,  
11.0950

■ 168.6240, 33.8340,

14.5860

■ 173.3370, 42.1320,  
18.3880

# Harmonies

## Analogous

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



133.7060, -17.3280, -16.3680



131.3760, -33.8340, -14.5860



131.6450, -41.7210, -9.3130

# Triad

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



131.3760, -33.8340, -14.5860



141.8880, -2.0200, 14.5880



140.0770, 27.4640, -2.1360

# Complementary

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



131.3760, -33.8340, -14.5860



108.6240, 33.8340, 14.5860

# 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.



141.2120, 31.8180, 7.0660



131.3760, -33.8340, -14.5860



142.9240, 15.4940, 16.5660

# Square

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



131.3760, -33.8340, -14.5860



138.7330, -20.8170, 8.3270



142.2750, 27.5070, 13.6110



138.1740, 16.6450, -9.8110



# Rectangle

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



131.3760, -33.8340, -14.5860



133.4760, -39.5670, -4.2950



142.2750, 27.5070, 13.6110



140.4410, 29.4350, 0.6910

# Sweetspot

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



131.3760, -33.8340, -14.5860



186.7810, -12.7450, -5.8090



127.3130, -12.3280, -29.8960



92.7000, -8.0230, -3.2790



224.0000, -0.0000, 0.0000



97.0000, -0.0000, 0.0000



# Same Dimension

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



131.3760, -33.8340, -14.5860



165.0530, -52.2180, -22.8260



118.5590, -29.4350, -0.6910



71.7930, -3.8510, -1.7950



95.1420, -77.7540, -33.6100



6.8960, -5.6390, -2.4310



# Inverse Universe

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



108.6240, 33.8340, 14.5860



129.8330, 52.5390, 22.5150



121.4410, 29.4350, 0.6910



69.0930, 4.1720, 1.4840



42.8580, 77.7540, 33.6100

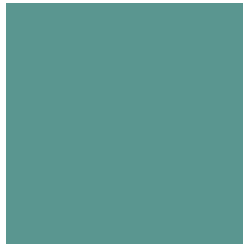


3.1040, 5.6390, 2.4310



# Previews

## White Background



This preview shows how the YIQ color 131.3760, -33.8340, -14.5860 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 131.3760, -33.8340, -14.5860 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 131.3760, -33.8340, -14.5860 Background



This preview shows how black text looks on a background with the YIQ color 131.3760, -33.8340, -14.5860.



This preview shows how white text looks on a background with the YIQ color 131.3760, -33.8340, -14.5860.

-14.5860.

# 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

131.3760, -33.8340, -14.5860

### Protanopia

139.0820, 2.7050, 0.5370

### Deuteranopia

140.5540, 4.4920, 6.7000



**Tritanopia**

133.2220, -36.0360, -7.7160

# Trichromacy



## Original Color

131.3760, -33.8340, -14.5860

## Protanomaly

136.0910, -10.6820, -4.6500

## Deuteranomaly

137.0960, -9.0780, -0.6780

## Tritanomaly

132.8260, -34.9810, -10.3170

# Monochromacy



## Original Color

131.3760, -33.8340, -14.5860

## Achromatopsia

131.0000, -0.0000, -0.0000

## Achromatomaly

131.1940, -12.4700, -5.2860

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 131.3760, -33.8340, -14.5860 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(90, 150, 144)` looks like.

```
.text, #text, p{  
    color:rgb(90, 150, 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(90, 150, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(90, 150, 144) }
```

## Border

The CSS property to change the border of an element to YIQ 131.3760, -33.8340, -14.5860 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(90, 150, 144) }
```



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

```
.border{ border-color:rgb(90, 150, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(90, 150, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(90, 150, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(90, 150, 144);  
box-shadow:4px 4px 4px 4px rgb(90, 150,  
144) }
```

# Background

The CSS property to change the background color of an element to YIQ 131.3760, -33.8340, -14.5860 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(90, 150, 144) }
```

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

```
.background{ background-color: rgb(90, 150,  
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](#).

# 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