

# Converting Colors

YIQ(149.3610, 14.0800,  
-23.9040)

Have a look what the booklet for  
YIQ(149.3610, 14.0800, -23.9040)  
contains.

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# Color

**YIQ(149.3610, 14.0800,  
-23.9040)**

# Conversions

## Conversions Part 1

Format	Color
Hex	94A15D
RGB	148, 161, 93
RGB Percent	58%, 63%, 36%
CMY	0.4197, 0.3686, 0.6352
CMYK	0.08, 0.00, 0.42, 0.37
HSL	71°, 27%, 50%
HSV	71°, 42%, 63%
XYZ	26.9322, 32.5765, 15.2308
YIQ	149.3610, 14.0800, -23.9040

# Conversions

## Conversions Part 2

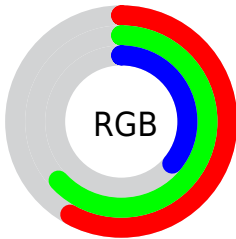
<b>Format</b>	<b>Color</b>
<b>RYB</b>	93, 161, 106
Decimal	9740637
CIELab	63.82, -15.63, 33.79
CIELCh	64, 37.233, 114.819
Yxy	32.5765, 0.3603, 0.4359
Android (android.graphics.Color)	4287930717 (0xFF94A15D)
YUV	149.3610, -27.7860, -1.1936
Hunter-Lab	57.0759, -15.6547, 24.1315

# Details

The YIQ color **149.3610, 14.0800, -23.9040** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **104.6390, -14.0800, 23.9040**, and the grayscale version is **150.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **203.9050, 15.3640, -25.1480**, and **97.8170, 12.7960, -22.6600** is the 20% darker color. If you saturate the color by 10%, you get **146.6400, 17.4280, -29.5160**, and if you desaturate by 10%, it is **152.0820, 10.7320, -18.2920**.

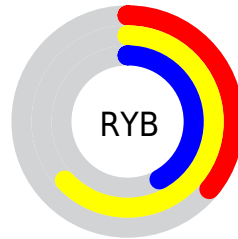
# Distribution



Red (58%)

Green (63%)

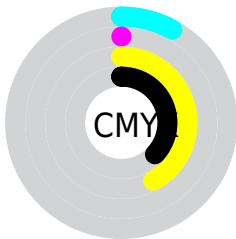
Blue (36%)



Red (36%)

Yellow (63%)

Blue (42%)

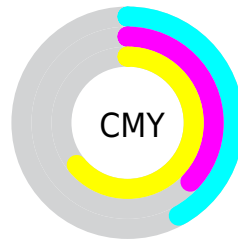


Cyan (8%)

Magenta (0%)

Yellow (42%)

Black (37%)



Cyan (42%)

Magenta (37%)

Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the YIQ color 149.3610, 14.0800, -23.9040 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 149.3610, 14.0800, -23.9040 by changing the saturation by 10% instead.



■ 149.3610, 14.0800,  
-23.9040

■ 149.3610, 14.0800,  
-23.9040

■ 255.0000, -0.0000,  
-0.0000

■ 123.5890, 13.4380,  
-23.2820

■ 203.9050, 15.3640,  
-25.1480

■ 97.8170, 12.7960,  
-22.6600

■ 232.0900, 16.2810,  
-25.2470

■ 73.5180, 12.2000,  
-22.8720

■ 248.6160, 17.9760,  
-17.4160

■ 50.4470, 10.9620,  
-22.4620

■ 251.8080, 8.9880,  
-8.7080

■ 30.6560, 3.3040,  
-15.8320

■ 12.3270, -5.7750,  
-10.9830

■ 0.0000, 0.0000,

0.0000

■ 149.3610, 14.0800,  
-23.9040

■ 149.3610, 14.0800,  
-23.9040

■ 146.6400, 17.4280,  
-29.5160

■ 152.0820, 10.7320,  
-18.2920

■ 143.9190, 20.7760,  
-35.1280

■ 154.8030, 7.3840,  
-12.6800

■ 141.1980, 24.1240,  
-40.7400

■ 157.5240, 4.0360,  
-7.0680

■ 138.4770, 27.4720,  
-46.3520

■ 160.2450, 0.6880,  
-1.4560

■ 135.7560, 30.8200,  
-51.9640

■ 163.0800, -2.9810,  
4.4670

■ 133.3770, 33.2050,  
-56.6430

■ 165.8010, -6.3290,  
10.0790

■ 168.8210, -9.0810,  
15.9030

■ 171.5420,  
-12.4290, 21.5150

■ 174.2630,  
-15.7770, 27.1270

# Harmonies

## Analogous

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



152.7880, 38.1030, -13.2330



149.3610, 14.0800, -23.9040



144.3170, -18.1510, -28.9910

# Triad

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



149.3610, 14.0800, -23.9040



126.5140, -104.6240, -20.2080



158.1770, 40.0670, 28.2830

# Complementary

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



149.3610, 14.0800, -23.9040



104.6390, -14.0800, 23.9040

# 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.



158.9430, 14.4830, 29.3870



149.3610, 14.0800, -23.9040



147.1060, -58.5960, 4.6680

# Square

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



149.3610, 14.0800, -23.9040



121.5980, -105.4010, -33.6650



156.2360, -20.3150, 21.2610



156.3830, 53.6860, 18.2460



# Rectangle

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



149.3610, 14.0800, -23.9040



139.5020, -43.5970, -30.3890



156.2360, -20.3150, 21.2610



158.2240, 32.6850, 29.9090

# Sweetspot

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



149.3610, 14.0800, -23.9040



204.4270, 5.6870, -9.4570



120.3760, 37.2280, 8.1400



101.8660, 3.0730, -6.1350



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.



149.3610, 14.0800, -23.9040



190.8220, 22.4270, -37.5170



139.4940, -5.5880, -30.9000



80.3760, 1.6970, -3.2230



120.0980, 29.8570, -51.0310



14.7520, 3.3940, -6.4460



# Inverse Universe

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



104.6390, -14.0800, 23.9040



120.4770, -21.8310, 37.7290



114.5060, 5.5880, 30.9000



74.6240, -1.6970, 3.2230



24.9020, -29.8570, 51.0310



2.9490, -3.9900, 6.2340



# Previews

## White Background



This preview shows how the YIQ color 149.3610, 14.0800, -23.9040 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 149.3610, 14.0800, -23.9040 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

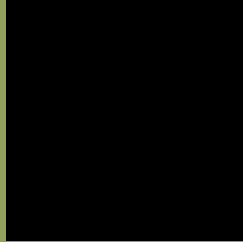
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YIQ 149.3610, 14.0800, -23.9040

## Background



This preview shows how black text looks on a background with the YIQ color 149.3610, 14.0800, -23.9040.



This preview shows how white text looks on a background with the YIQ color 149.3610, 14.0800,

-23.9040.

# 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

149.3610, 14.0800, -23.9040

### Protanopia

151.3030, 29.1630, -16.4130

### Deuteranopia

153.1460, 40.2110, -7.3810



## Tritanopia

155.5640, -1.4680, 4.5800

# Trichromacy



## Original Color

149.3610, 14.0800, -23.9040

## Protanomaly

150.7860, 23.2490, -19.3670

## Deuteranomaly

151.7810, 30.8130, -13.2750

## Tritanomaly

153.4640, 4.2650, -5.7110

# Monochromacy



## Original Color

149.3610, 14.0800, -23.9040

## Achromatopsia

149.0000, 0.0000, -0.0000

## Achromatomaly

149.0680, 5.3200, -8.3120

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 149.3610, 14.0800, -23.9040 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(148, 161, 93)` looks like.

```
.text, #text, p{  
    color:rgb(148, 161, 93)  
}
```

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(148, 161, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 161, 93) }
```

## Border

The CSS property to change the border of an element to YIQ 149.3610, 14.0800, -23.9040 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(148, 161, 93) }
```



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

```
.border{ border-color:rgb(148, 161, 93) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 161, 93)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 161, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 161, 93);  
box-shadow:4px 4px 4px 4px rgb(148, 161,  
93) }
```

# Background

The CSS property to change the background color of an element to YIQ 149.3610, 14.0800, -23.9040 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 161, 93) }
```

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

```
.background{ background-color: rgb(148,  
161, 93) }
```

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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