

# Converting Colors

YIQ(150.3420, 59.7900,  
-15.2980)

Have a look what the booklet for  
YIQ(150.3420, 59.7900, -15.2980)  
contains.

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# Color

**YIQ(150.3420, 59.7900,  
-15.2980)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C6903A
RGB	198, 144, 58
RGB Percent	78%, 56%, 23%
CMY	0.2235, 0.4354, 0.7722
CMYK	0.00, 0.27, 0.71, 0.22
HSL	37°, 55%, 50%
HSV	37°, 71%, 78%
XYZ	34.0292, 32.2542, 8.4455
YIQ	150.3420, 59.7900, -15.2980

# Conversions

## Conversions Part 2

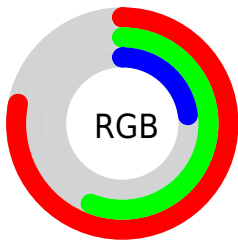
Format	Color
<a href="#">RYB</a>	<a href="#">146, 198, 58</a>
Decimal	<a href="#">13013050</a>
CIELab	<a href="#">63.55, 12.14, 51.87</a>
CIELCh	<a href="#">64, 53.267, 76.827</a>
Yxy	<a href="#">32.2542, 0.4554, 0.4316</a>
Android (android.graphics.Color)	<a href="#">4291203130</a> ( <a href="#">0xFFC6903A</a> )
YUV	<a href="#">150.3420, -45.5246, 41.7961</a>
Hunter-Lab	<a href="#">56.7928, 7.5666, 30.9381</a>

# Details

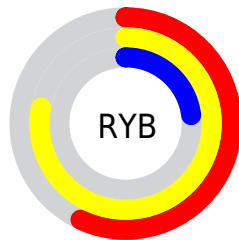
The YIQ color **150.3420, 59.7900, -15.2980** is a dark color, and the websafe version is hex **CC9933**. The color can be described as middle muted orange. A complement of this color would be **105.6580, -59.7900, 15.2980**, and the grayscale version is **151.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **205.0110, 62.2200, -15.2840**, and **97.0380, 57.5900, -19.4820** is the 20% darker color. If you saturate the color by 10%, you get **143.3660, 68.4100, -17.3340**, and if you desaturate by 10%, it is **157.3180, 51.1700, -13.2620**.

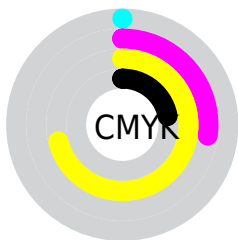
# Distribution



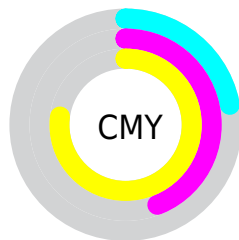
- Red (78%)
- Green (56%)
- Blue (23%)



- Red (57%)
- Yellow (78%)
- Blue (23%)



- Cyan (0%)
- Magenta (27%)
- Yellow (71%)
- Black (22%)




- Cyan (22%)
- Magenta (44%)
- Yellow (77%)


# Brightness & Saturation Gradients


These gradients show how the YIQ color 150.3420, 59.7900, -15.2980 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 150.3420, 59.7900, -15.2980 by changing the saturation by 10% instead.





 150.3420, 59.7900,  
-15.2980


 150.3420, 59.7900,  
-15.2980

 255.0000, -0.0000,  
-0.0000


 123.4450, 58.0020,  
-15.9340


 205.0110, 62.2200,  
-15.2840


 97.0380, 57.5900,  
-19.4820


 224.4110, 46.1740,  
-21.8420


 74.5780, 47.5020,  
-12.8660


 243.9250, 29.8070,  
-28.0890

 53.2920, 36.8640,  
-7.2960

 247.7040, 20.5440,  
-19.9040

 32.8920, 26.5470,  
-2.0370

 250.8960, 11.5560,  
-11.1960

 11.9270, 19.4390,  
5.6390

 254.2020, 2.2470,

 0.0000, 0.0000,

-2.1770

0.0000

■ 150.3420, 59.7900,  
-15.2980

■ 150.3420, 59.7900,  
-15.2980

■ 143.3660, 68.4100,  
-17.3340

■ 157.3180, 51.1700,  
-13.2620

■ 136.9770, 76.7550,  
-19.8930

■ 163.7070, 42.8250,  
-10.7030

■ 130.8160, 84.4580,  
-21.8300

■ 170.5690, 34.5260,  
-8.9780

■ 177.5450, 25.9060,  
-6.9420

■ 183.9340, 17.5610,  
-4.3830

■ 190.9100, 8.9410,  
-2.3470

■ 197.8860, 0.3210,  
-0.3110

■ 204.1610, -7.7030,  
1.9370

■ 211.1370,  
-16.3230, 3.9730

# Harmonies

## Analogous

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



152.2370, 74.2280, 9.3960



150.3420, 59.7900, -15.2980



146.7630, 30.0830, -33.0930

# Triad

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



150.3420, 59.7900, -15.2980



124.4190, -106.4550, -36.5910



158.3850, 7.7870, 40.6110

# Complementary

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



150.3420, 59.7900, -15.2980



105.6580, -59.7900, 15.2980

# 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.



151.5610, -48.9710, 22.9730



150.3420, 59.7900, -15.2980



127.4460, -119.1120, -21.9600

# Square

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



150.3420, 59.7900, -15.2980



118.2460, -90.4510, -51.3070



124.8990, -124.3410, -9.7890



156.4530, 48.6380, 43.6620



# Rectangle

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



150.3420, 59.7900, -15.2980



142.3450, 1.8410, -38.8870



124.8990, -124.3410, -9.7890



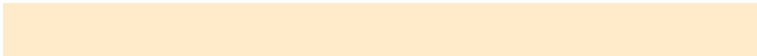
157.7680, -9.5890, 36.1310

# Sweetspot

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



150.3420, 59.7900, -15.2980



236.5170, 23.1090, -5.8110



106.2440, 65.4640, 47.0960



116.7210, 13.8470, -3.1530



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000



# Same Dimension

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



150.3420, 59.7900, -15.2980



180.9540, 92.7570, -23.5550



177.8540, 36.5960, -46.5080



96.2130, 3.7140, -1.2300



107.4370, 69.6480, -17.7440



23.6780, 15.4060, -3.8740



# Inverse Universe

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



105.6580, -59.7900, 15.2980



112.0460, -92.7570, 23.5550



78.1460, -36.5960, 46.5080



92.7870, -3.7140, 1.2300



55.5630, -69.6480, 17.7440



12.3220, -15.4060, 3.8740



# Previews

## White Background



This preview shows how the YIQ color 150.3420, 59.7900, -15.2980 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 150.3420, 59.7900, -15.2980 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 150.3420, 59.7900, -15.2980

## Background



This preview shows how black text looks on a background with the YIQ color 150.3420, 59.7900, -15.2980.



This preview shows how white text looks on a background with the YIQ color 150.3420, 59.7900, -15.2980.

-15.2980.

# 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

150.3420, 59.7900, -15.2980

### Protanopia

148.7800, 40.5810, -25.1070

### Deuteranopia

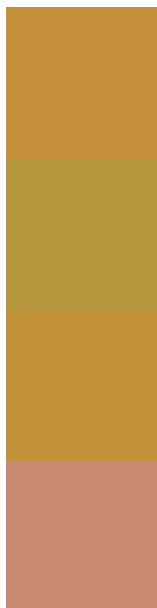
150.1950, 55.7100, -18.4500



## Tritanopia

156.7710, 37.9140, 17.7380

# Trichromacy



## Original Color

150.3420, 59.7900, -15.2980

## Protanomaly

149.0090, 47.3660, -21.4180

## Deuteranomaly

150.2060, 57.1770, -17.5030

## Tritanomaly

154.2860, 46.1690, 5.7930

# Monochromacy



## Original Color

150.3420, 59.7900, -15.2980

## Achromatopsia

150.0000, -0.0000, -0.0000

## Achromatomaly

150.1470, 21.2750, -5.6130

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 150.3420, 59.7900, -15.2980 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(198, 144, 58)` looks like.

```
.text, #text, p{  
    color:rgb(198, 144, 58)  
}
```

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(198, 144, 58) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 144, 58) }
```

## Border

The CSS property to change the border of an element to YIQ 150.3420, 59.7900, -15.2980 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(198, 144, 58) }
```



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

```
.border{ border-color:rgb(198, 144, 58) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 144, 58)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 144, 58); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 144, 58);  
box-shadow:4px 4px 4px 4px rgb(198, 144,  
58) }
```

# Background

The CSS property to change the background color of an element to YIQ 150.3420, 59.7900, -15.2980 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 144, 58) }
```

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

```
.background{ background-color: rgb(198,  
144, 58) }
```

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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