

Converting Colors

YIQ(159.3540, 51.4890, -2.5190)

Have a look what the booklet for
YIQ(159.3540, 51.4890, -2.5190)
contains.

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Color

**YIQ(159.3540, 51.4890,
-2.5190)**

Conversions

Conversions Part 1

Format	Color
Hex	CF9362
RGB	207, 147, 98
RGB Percent	81%, 58%, 38%
CMY	0.1881, 0.4236, 0.6154
CMYK	0.00, 0.29, 0.53, 0.19
HSL	27°, 53%, 60%
HSV	27°, 53%, 81%
XYZ	38.3774, 35.0121, 16.3059
YIQ	159.3540, 51.4890, -2.5190

Conversions

Conversions Part 2

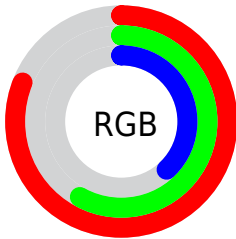
Format	Color
RYB	207, 187, 98
Decimal	13603682
CIELab	65.76, 17.15, 34.75
CIElCh	66, 38.756, 63.732
Yxy	35.0121, 0.4279, 0.3903
Android (android.graphics.Color)	4291793762 (0xFFCF9362)
YUV	159.3540, -30.2475, 41.7855
Hunter-Lab	59.1710, 12.2232, 25.0810

Details

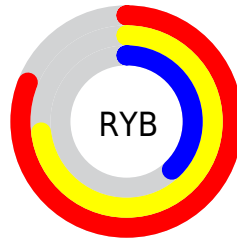
The YIQ color **159.3540, 51.4890, -2.5190** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **145.6460, -51.4890, 2.5190**, and the grayscale version is **160.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **211.2180, 48.8760, -4.7240**, and **106.9020, 46.9500, -2.8580** is the 20% darker color. If you saturate the color by 10%, you get **150.5030, 61.2550, -3.2970**, and if you desaturate by 10%, it is **168.2050, 41.7230, -1.7410**.

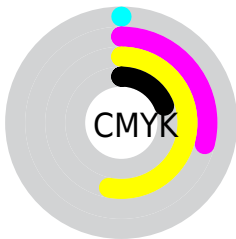
Distribution



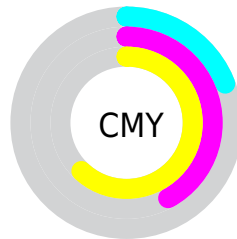
- Red (81%)
- Green (58%)
- Blue (38%)



- Red (81%)
- Yellow (73%)
- Blue (38%)



- Cyan (0%)
- Magenta (29%)
- Yellow (53%)
- Black (19%)



- Cyan (19%)
- Magenta (42%)
- Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 159.3540, 51.4890, -2.5190 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 159.3540, 51.4890, -2.5190 by changing the saturation by 10% instead.


 159.3540, 51.4890,
-2.5190


 159.3540, 51.4890,
-2.5190


255.0000, -0.0000,
-0.0000


 132.6850, 49.0590,
-2.5330


 211.3320, 48.5550,
-4.4130


 106.9020, 46.9500,
-2.8580


 230.7320, 32.5090,
-10.9710


 81.8200, 44.2450,
-3.3950

 249.1860, 16.3710,
-15.8610

 58.0970, 41.9070,
-5.0770

 252.3780, 7.3830,
-7.1530

 36.7680, 32.8280,
-0.2280

 16.3790, 23.9780,
5.9780

 0.0000, 0.0000,

0.0000

■ 159.3540, 51.4890,
-2.5190

■ 159.3540, 51.4890,
-2.5190

■ 150.5030, 61.2550,
-3.2970

■ 168.2050, 41.7230,
-1.7410

■ 141.1790, 70.9750,
-3.2410

■ 177.5290, 32.0030,
-1.7970

■ 132.3280, 80.7410,
-4.0190

■ 186.3800, 22.2370,
-1.0190

■ 122.8900, 90.7820,
-4.2740

■ 195.8180, 12.1960,
-0.7640

■ 116.4840, 97.7970,
-4.7550

■ 204.6690, 2.4300,
0.0140

■ 213.4060, -7.0150,
0.4810

■ 222.8440,
-17.0560, 0.7360

■ 230.6690,
-23.9330, -1.2850

■ 237.7130,
-27.2330, -7.5610

Harmonies

Analogous

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



160.8300, 56.6210, 14.6130



159.3540, 51.4890, -2.5190



156.7010, 33.7940, -17.7420

Triad

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



159.3540, 51.4890, -2.5190



135.3270, -76.8370, -33.7090



162.8460, -10.2290, 25.6990

Complementary

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



159.3540, 51.4890, -2.5190



145.6460, -51.4890, 2.5190

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.



155.5850, -49.5190, 10.8730



159.3540, 51.4890, -2.5190



126.3570, -111.9120, -31.3040

Square

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



159.3540, 51.4890, -2.5190



146.6190, -30.8050, -30.9410



137.8300, -93.5300, -12.0100



164.0860, 24.3860, 31.6340

Rectangle

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



159.3540, 51.4890, -2.5190



154.3180, 15.6390, -24.6250



137.8300, -93.5300, -12.0100



160.9800, -22.4700, 21.7700

Sweetspot

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



159.3540, 51.4890, -2.5190



237.4120, 19.2110, -1.2450



137.6590, 45.0620, 42.3900



116.9320, 11.8750, -0.4530



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.



159.3540, 51.4890, -2.5190



184.4030, 76.1560, -3.5240



190.4650, 36.9140, -30.2380



100.2240, 5.1810, -0.2830



94.8440, 79.2280, -4.1320



22.8250, 19.4860, -0.7220

Inverse Universe

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



145.6460, -51.4890, 2.5190



164.5970, -76.1560, 3.5240



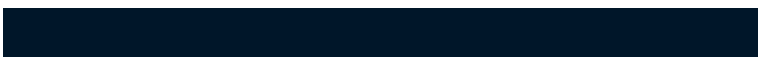
114.5350, -36.9140, 30.2380



98.7760, -5.1810, 0.2830



73.7430, -79.5030, 3.6090



17.5880, -19.2110, 1.2450

Previews

White Background



This preview shows how the YIQ color 159.3540, 51.4890, -2.5190 looks on a white background.

Color Contrast Check

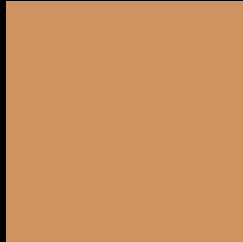
Large Text (above 18pt) WCAG AA × Fail

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 159.3540, 51.4890, -2.5190 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

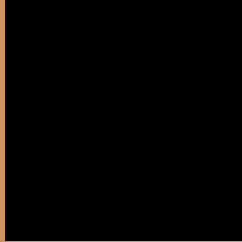
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 159.3540, 51.4890, -2.5190

Background



This preview shows how black text looks on a background with the YIQ color 159.3540, 51.4890, -2.5190.



This preview shows how white text looks on a background with the YIQ color 159.3540, 51.4890,

-2.5190.

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

159.3540, 51.4890, -2.5190

Protanopia

157.6880, 26.6410, -14.7590

Deuteranopia

158.8750, 42.4120, -8.7240



Tritanopia

162.4830, 38.7850, 18.4730

Trichromacy



Original Color

159.3540, 51.4890, -2.5190

Protanomaly

158.1130, 35.8100, -10.2220

Deuteranomaly

159.1960, 45.9420, -6.6180

Tritanomaly

161.7790, 43.4630, 10.7830

Monochromacy



Original Color

159.3540, 51.4890, -2.5190

Achromatopsia

159.0000, -0.0000, 0.0000

Achromatomaly

159.2270, 18.2940, -1.1460

CSS Examples

Text

The CSS property to change the color of the text to YIQ 159.3540, 51.4890, -2.5190 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(207, 147, 98)` looks like.

```
.text, #text, p{  
    color:rgb(207, 147, 98)  
}
```

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(207, 147, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 147, 98) }
```

Border

The CSS property to change the border of an element to YIQ 159.3540, 51.4890, -2.5190 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(207, 147, 98) }
```


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

```
.border{ border-color:rgb(207, 147, 98) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 147, 98)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 147, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 147, 98);  
box-shadow:4px 4px 4px 4px rgb(207, 147,  
98) }
```

Background

The CSS property to change the background color of an element to YIQ 159.3540, 51.4890, -2.5190 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 147, 98) }
```

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

```
.background{ background-color: rgb(207,  
147, 98) }
```

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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