

Converting Colors

YIQ(158.6420, 50.6180, -3.2540)

Have a look what the booklet for
YIQ(158.6420, 50.6180, -3.2540)
contains.

YIQ(158.6420, 50.6180, -3.2540)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(158.6420, 50.6180,
-3.2540)**

Conversions

Conversions Part 1

Format	Color
Hex	CD9361
RGB	205, 147, 97
RGB Percent	80%, 58%, 38%
CMY	0.1960, 0.4236, 0.6194
CMYK	0.00, 0.28, 0.53, 0.20
HSL	28°, 52%, 59%
HSV	28°, 53%, 80%
XYZ	37.7748, 34.7070, 16.0324
YIQ	158.6420, 50.6180, -3.2540

Conversions

Conversions Part 2

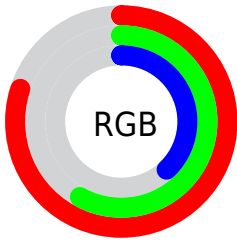
Format	Color
R_{YB}	205, 190, 97
Decimal	13472609
CIE _{Lab}	65.52, 16.23, 34.94
CIE _{LCh}	66, 38.528, 65.079
Yxy	34.7070, 0.4268, 0.3921
Android (android.graphics.Color)	4291662689 (0xFFCD9361)
YUV	158.6420, -30.3895, 40.6560
Hunter-Lab	58.9127, 11.3569, 25.1038

Details

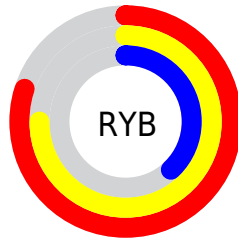
The YIQ color **158.6420, 50.6180, -3.2540** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **143.3580, -50.6180, 3.2540**, and the grayscale version is **159.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **211.1040, 49.1970, -5.0350**, and **106.1900, 46.0790, -3.5930** is the 20% darker color. If you saturate the color by 10%, you get **149.9050, 60.0630, -3.7210**, and if you desaturate by 10%, it is **167.4930, 40.8520, -2.4760**.

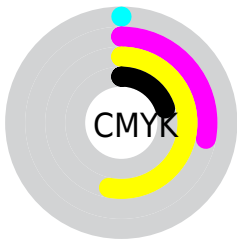
Distribution



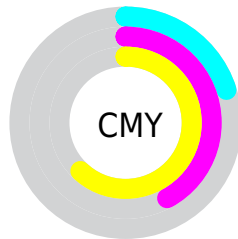
- Red (80%)
- Green (58%)
- Blue (38%)



- Red (80%)
- Yellow (75%)
- Blue (38%)



- Cyan (0%)
- Magenta (28%)
- Yellow (53%)
- Black (20%)





- Cyan (20%)
- Magenta (42%)
- Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 158.6420, 50.6180, -3.2540 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 158.6420, 50.6180, -3.2540 by changing the saturation by 10% instead.


 158.6420, 50.6180,
-3.2540


 158.6420, 50.6180,
-3.2540


255.0000, -0.0000,
-0.0000


 131.9730, 48.1880,
-3.2680


 211.2180, 48.8760,
-4.7240

 106.1900, 46.0790,
-3.5930


 230.6180, 32.8300,
-11.2820


 81.1080, 43.3740,
-4.1300

 249.0720, 16.6920,
-16.1720

 57.3850, 41.0360,
-5.8120

 252.2640, 7.7040,
-7.4640

 36.4690, 32.2320,
-0.4400

 15.7810, 22.7860,
5.5540

 0.0000, 0.0000,

0.0000

■ 158.6420, 50.6180,
-3.2540

■ 158.6420, 50.6180,
-3.2540

■ 149.9050, 60.0630,
-3.7210

■ 167.4930, 40.8520,
-2.4760

■ 141.0540, 69.8290,
-4.4990

■ 176.2300, 31.4070,
-2.0090

■ 132.3170, 79.2740,
-4.9660

■ 185.0810, 21.6410,
-1.2310

■ 123.4660, 89.0400,
-5.7440

■ 193.8180, 12.1960,
-0.7640

■ 117.0600, 96.0550,
-6.2250

■ 202.6690, 2.4300,
0.0140

■ 211.4060, -7.0150,
0.4810

■ 220.2570,
-16.7810, 1.2590

■ 228.3100,
-24.3000, -0.1400

■ 234.7670,
-27.3250, -5.8930

Harmonies

Analogous

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



160.3030, 56.6670, 13.7790



158.6420, 50.6180, -3.2540



156.1030, 32.6020, -18.1660

Triad

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



158.6420, 50.6180, -3.2540



133.9570, -78.6710, -33.5110



162.6290, -8.1200, 26.0240

Complementary

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



158.6420, 50.6180, -3.2540



143.3580, -50.6180, 3.2540

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.



155.4820, -47.7310, 11.5090



158.6420, 50.6180, -3.2540



125.8840, -111.9580, -30.4700

Square

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



158.6420, 50.6180, -3.2540



146.1350, -32.3180, -31.0540



138.7380, -90.2750, -10.4270



163.2710, 25.3030, 31.5350

Rectangle

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



158.6420, 50.6180, -3.2540



153.7200, 14.4470, -25.0490



138.7380, -90.2750, -10.4270



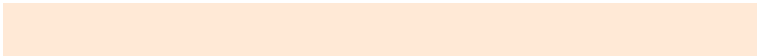
160.5780, -21.2780, 22.1940

Sweetspot

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



158.6420, 50.6180, -3.2540



237.4120, 19.2110, -1.2450



136.0180, 45.4290, 41.2450



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.



158.6420, 50.6180, -3.2540



186.1640, 75.3310, -5.0930



189.7530, 36.0430, -30.9730



97.9250, 4.5850, -0.4950



94.8330, 77.7610, -5.0790



21.9280, 17.6980, -1.3580

Inverse Universe

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



143.3580, -50.6180, 3.2540



163.4230, -75.6060, 4.5700



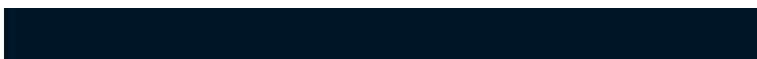
112.2470, -36.0430, 30.9730



96.0750, -4.5850, 0.4950



71.1670, -77.7610, 5.0790



16.6590, -17.9730, 0.8350

Previews

White Background



This preview shows how the YIQ color 158.6420, 50.6180, -3.2540 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 158.6420, 50.6180, -3.2540 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

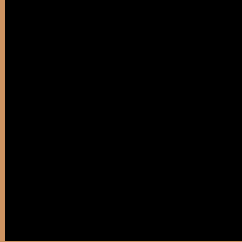
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 158.6420, 50.6180, -3.2540

Background



This preview shows how black text looks on a background with the YIQ color 158.6420, 50.6180, -3.2540.



This preview shows how white text looks on a background with the YIQ color 158.6420, 50.6180,

-3.2540.

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

158.6420, 50.6180, -3.2540

Protanopia

156.9870, 27.2370, -14.5470

Deuteranopia

157.8750, 42.4120, -8.7240



Tritanopia

161.8850, 37.5930, 18.0490

Trichromacy



Original Color

158.6420, 50.6180, -3.2540

Protanomaly

157.7000, 35.5350, -10.7450

Deuteranomaly

157.8970, 45.3460, -6.8300

Tritanomaly

161.0670, 42.5920, 10.0480

Monochromacy



Original Color

158.6420, 50.6180, -3.2540

Achromatopsia

159.0000, -0.0000, 0.0000

Achromatomaly

159.1130, 18.6150, -1.4570

CSS Examples

Text

The CSS property to change the color of the text to YIQ 158.6420, 50.6180, -3.2540 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(205, 147, 97)` looks like.

```
.text, #text, p{  
    color:rgb(205, 147, 97)  
}
```

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(205, 147, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 147, 97) }
```

Border

The CSS property to change the border of an element to YIQ 158.6420, 50.6180, -3.2540 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(205, 147, 97) }
```


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

```
.border{ border-color:rgb(205, 147, 97) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 147, 97)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 147, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 147, 97);  
box-shadow:4px 4px 4px 4px rgb(205, 147,  
97) }
```

Background

The CSS property to change the background color of an element to YIQ 158.6420, 50.6180, -3.2540 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 147, 97) }
```

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

```
.background{ background-color: rgb(205,  
147, 97) }
```

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