

Converting Colors

YIQ(157.3050, 53.1850, -0.2150)

Have a look what the booklet for
YIQ(157.3050, 53.1850, -0.2150)
contains.

YIQ(157.3050, 53.1850, -0.2150)	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(157.3050, 53.1850,
-0.2150)**

Conversions

Conversions Part 1

Format	Color
Hex	D08F62
RGB	208, 143, 98
RGB Percent	82%, 56%, 38%
CMY	0.1842, 0.4393, 0.6154
CMYK	0.00, 0.31, 0.53, 0.18
HSL	25°, 54%, 60%
HSV	25°, 53%, 82%
XYZ	38.0474, 33.9343, 16.1155
YIQ	157.3050, 53.1850, -0.2150

Conversions

Conversions Part 2

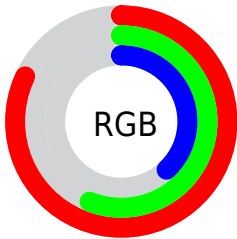
Format	Color
R_{YB}	208, 174, 98
Decimal	13668194
CIE _{Lab}	64.91, 19.74, 33.71
CIE _{LCh}	65, 39.064, 59.641
Yxy	33.9343, 0.4319, 0.3852
Android (android.graphics.Color)	4291858274 (0xFFD08F62)
YUV	157.3050, -29.2374, 44.4595
Hunter-Lab	58.2531, 14.6424, 24.3749

Details

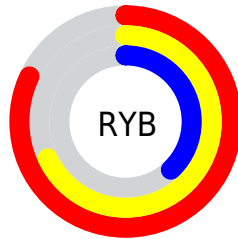
The YIQ color $157.3050, 53.1850, -0.2150$ is a light color, and the websafe version is hex $CC9966$. A complement of this color would be $148.6950, -53.1850, 0.2150$, and the grayscale version is $158.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $208.8700, 49.9760, -2.6320$, and $104.5540, 48.0500, -0.7660$ is the 20% darker color. If you saturate the color by 10%, you get $147.8670, 63.2260, -0.4700$, and if you desaturate by 10%, it is $166.7430, 43.1440, 0.0400$.

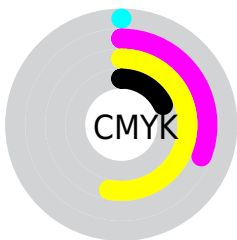
Distribution



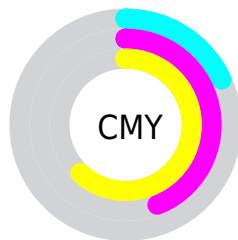
- Red (82%)
- Green (56%)
- Blue (38%)



- Red (82%)
- Yellow (68%)
- Blue (38%)



- Cyan (0%)
- Magenta (31%)
- Yellow (53%)
- Black (18%)





- Cyan (18%)
- Magenta (44%)
- Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 157.3050, 53.1850, -0.2150 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 157.3050, 53.1850, -0.2150 by changing the saturation by 10% instead.

 157.3050, 53.1850,
-0.2150


 157.3050, 53.1850,
-0.2150


255.0000, -0.0000,
-0.0000


 130.6360, 50.7550,
-0.2290


 208.8700, 49.9760,
-2.6320

 104.5540, 48.0500,
-0.7660


 228.3840, 33.6090,
-8.8790


 80.4720, 45.3450,
-1.3030

 248.5990, 16.6460,
-15.3380

 55.8630, 42.6860,
-2.6740

 252.3780, 7.3830,
-7.1530

 34.7190, 34.5240,
2.0760

 13.4440, 25.3530,
8.5930

 0.0000, 0.0000,

0.0000

■ 157.3050, 53.1850,
-0.2150

■ 157.3050, 53.1850,
-0.2150

■ 147.8670, 63.2260,
-0.4700

■ 166.7430, 43.1440,
0.0400

■ 137.8420, 73.5420,
-0.2020

■ 176.7680, 32.8280,
-0.2280

■ 128.5180, 83.2620,
-0.1460

■ 186.0920, 23.1080,
-0.2840

■ 119.0800, 93.3030,
-0.4010

■ 195.5300, 13.0670,
-0.0290

■ 112.0870,
100.5930, -0.3590

■ 205.5550, 2.7510,
-0.2970

■ 214.9930, -7.2900,
-0.0420

■ 224.4310,
-17.3310, 0.2130

■ 232.7290,
-24.1620, -2.6420

■ 240.3600,
-27.7370, -9.4410

Harmonies

Analogous

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



159.2970, 56.8040, 16.8040



157.3050, 53.1850, -0.2150



154.7230, 36.7280, -15.8480

Triad

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



157.3050, 53.1850, -0.2150



134.8500, -71.0600, -33.7800



160.1550, -15.5930, 23.7910

Complementary

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



157.3050, 53.1850, -0.2150



148.6950, -53.1850, 0.2150

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.



151.1820, -55.7540, 8.2300



157.3050, 53.1850, -0.2150



124.4990, -109.4360, -32.1240

Square

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



157.3050, 53.1850, -0.2150



145.8430, -25.6240, -31.2240



127.8170, -109.8510, -19.0910



161.9330, 20.4430, 31.5070

Rectangle

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



157.3050, 53.1850, -0.2150



152.8840, 19.8570, -23.9750



127.8170, -109.8510, -19.0910



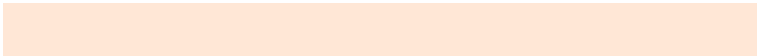
157.9900, -28.4300, 19.6500

Sweetspot

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



157.3050, 53.1850, -0.2150



236.2380, 19.7610, -0.1990



138.4140, 44.3740, 43.8460



116.3450, 12.1500, 0.0700



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.



157.3050, 53.1850, -0.2150



180.8810, 77.8060, -0.3860



189.0030, 38.3350, -28.4570



99.6370, 5.4560, 0.2400



90.7350, 81.1530, -0.4710



22.2380, 19.7610, -0.1990

Inverse Universe

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



148.6950, -53.1850, 0.2150



168.1190, -77.8060, 0.3860



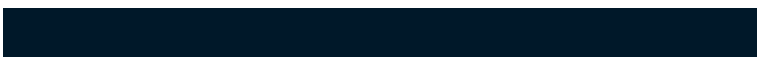
116.9970, -38.3350, 28.4570



98.7760, -5.1810, 0.2830



77.8520, -81.4280, -0.0520



18.7620, -19.7610, 0.1990

Previews

White Background



This preview shows how the YIQ color 157.3050, 53.1850, -0.2150 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 157.3050, 53.1850, -0.2150 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

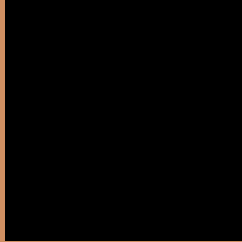
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 157.3050, 53.1850, -0.2150

Background



This preview shows how black text looks on a background with the YIQ color 157.3050, 53.1850, -0.2150.



This preview shows how white text looks on a background with the YIQ color 157.3050, 53.1850, -0.2150.

-0.2150.

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

157.3050, 53.1850, -0.2150

Protanopia

155.7310, 25.0820, -14.0380

Deuteranopia

156.6900, 41.4950, -8.6250



Tritanopia

160.5650, 41.4900, 19.0100

Trichromacy



Original Color

157.3050, 53.1850, -0.2150

Protanomaly

156.4550, 34.8470, -9.2890

Deuteranomaly

156.8370, 45.5750, -5.4730

Tritanomaly

159.3880, 46.1220, 12.1540

Monochromacy



Original Color

157.3050, 53.1850, -0.2150

Achromatopsia

157.0000, 0.0000, -0.0000

Achromatomaly

157.3520, 19.4400, 0.1120

CSS Examples

Text

The CSS property to change the color of the text to YIQ 157.3050, 53.1850, -0.2150 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(208, 143, 98)` looks like.

```
.text, #text, p{  
    color:rgb(208, 143, 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(208, 143, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 143, 98) }
```

Border

The CSS property to change the border of an element to YIQ 157.3050, 53.1850, -0.2150 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(208, 143, 98) }
```


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

```
.border{ border-color:rgb(208, 143, 98) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 143, 98)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 143, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 143, 98);  
box-shadow:4px 4px 4px 4px rgb(208, 143,  
98) }
```

Background

The CSS property to change the background color of an element to YIQ 157.3050, 53.1850, -0.2150 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 143, 98) }
```

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

```
.background{ background-color: rgb(208,  
143, 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](#).

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