

Converting Colors

YIQ(150.4270, 67.5810, 3.2050)

Have a look what the booklet for
YIQ(150.4270, 67.5810, 3.2050)
contains.

YIQ(150.4270, 67.5810, 3.2050)	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(150.4270, 67.5810,
3.2050)**

Conversions

Conversions Part 1

Format	Color
Hex	D98251
RGB	217, 130, 81
RGB Percent	85%, 51%, 32%
CMY	0.1488, 0.4903, 0.6820
CMYK	0.00, 0.40, 0.63, 0.15
HSL	22°, 64%, 58%
HSV	22°, 63%, 85%
XYZ	38.0945, 31.3094, 11.8355
YIQ	150.4270, 67.5810, 3.2050

Conversions

Conversions Part 2

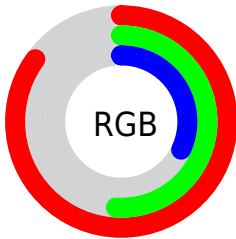
Format	Color
R _Y B	217, 158, 81
Decimal	14254673
CIE Lab	62.77, 29.13, 40.36
CIE LCh	63, 49.773, 54.178
Yxy	31.3094, 0.4689, 0.3854
Android (android.graphics.Color)	4292444753 (0xFFD98251)
YUV	150.4270, -34.2275, 58.3845
Hunter-Lab	55.9548, 23.6036, 26.6274

Details

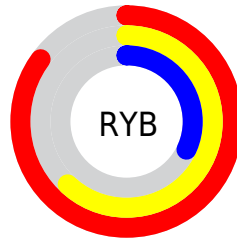
The YIQ color **150.4270, 67.5810, 3.2050** is a dark color, and the websafe version is hex **FF9966**. The color can be described as middle muted orange. A complement of this color would be **147.5730, -67.5810, -3.2050**, and the grayscale version is **151.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **199.3010, 59.0080, -1.1200**, and **97.9640, 61.5750, 1.9190** is the 20% darker color. If you saturate the color by 10%, you get **139.7010, 78.4930, 3.6850**, and if you desaturate by 10%, it is **161.1530, 56.6690, 2.7250**.

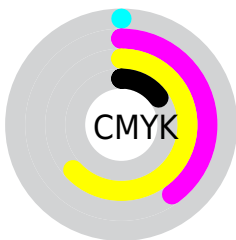
Distribution



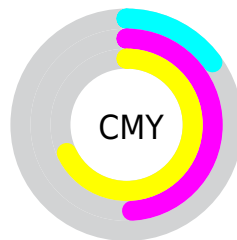
- Red (85%)
- Green (51%)
- Blue (32%)



- Red (85%)
- Yellow (62%)
- Blue (32%)



- Cyan (0%)
- Magenta (40%)
- Yellow (63%)
- Black (15%)




- Cyan (15%)
- Magenta (49%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 150.4270, 67.5810, 3.2050 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 150.4270, 67.5810, 3.2050 by changing the saturation by 10% instead.


 150.4270, 67.5810,
3.2050


 150.4270, 67.5810,
3.2050


255.0000, -0.0000,
-0.0000


 123.4590, 64.5550,
2.9790


 199.3010, 59.0080,
-1.1200


 97.4910, 61.5290,
2.7530


 218.1140, 43.2370,
-7.1550


 71.8820, 58.8700,
1.3820


 238.2150, 26.5950,
-13.9250

 48.9830, 51.3960,
4.6760

 250.2120, 13.4820,
-13.0620

 25.6370, 40.9870,
11.6030

 253.5180, 4.1730,
-4.0430

 14.0530, 28.0120,
9.9640

 0.0000, 0.0000,

0.0000

■ 150.4270, 67.5810,
3.2050

■ 150.4270, 67.5810,
3.2050

■ 139.7010, 78.4930,
3.6850

■ 161.1530, 56.6690,
2.7250

■ 129.0890, 89.0840,
4.4760

■ 171.7650, 46.0780,
1.9340

■ 118.3630, 99.9960,
4.9560

■ 182.4910, 35.1660,
1.4540

■ 110.6690,
107.8820, 5.2100

■ 193.2170, 24.2540,
0.9740

■ 203.3560, 13.6170,
1.0170

■ 213.9680, 3.0260,
0.2260

■ 224.6940, -7.8860,
-0.2540

■ 235.4200,
-18.7980, -0.7340

■ 243.6380,
-22.6480, -8.0560

Harmonies

Analogous

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



151.5100, 69.6860, 25.6380



150.4270, 67.5810, 3.2050



147.8570, 50.8500, -18.4780

Triad

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



150.4270, 67.5810, 3.2050



117.6250, -92.8360, -46.6280



152.9500, -30.9530, 26.8310

Complementary

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



150.4270, 67.5810, 3.2050



147.5730, -67.5810, -3.2050

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.



127.5700, -107.0570, -3.6410



150.4270, 67.5810, 3.2050



123.4560, -107.8770, -32.8450

Square

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



150.4270, 67.5810, 3.2050



136.3880, -26.0810, -39.4650



124.6250, -118.0580, -19.0340



156.4200, 17.8740, 39.5220

Rectangle

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



150.4270, 67.5810, 3.2050



145.5830, 30.7700, -29.0220



124.6250, -118.0580, -19.0340



148.6810, -49.4290, 20.2590

Sweetspot

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



150.4270, 67.5810, 3.2050



231.3310, 23.9330, 1.2850



131.6960, 52.8080, 56.2000



113.4270, 14.8550, 0.6070



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.



150.4270, 67.5810, 3.2050



161.6120, 94.8610, 4.4050



189.7560, 49.1560, -31.8360



104.6370, 5.4560, 0.2400



88.1210, 86.0580, 4.2500



23.7330, 22.7410, 0.8610

Inverse Universe

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



147.5730, -67.5810, -3.2050



157.3880, -94.8610, -4.4050



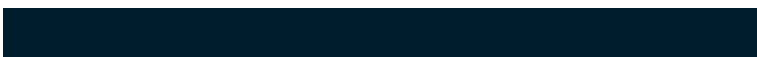
108.2440, -49.1560, 31.8360



104.3630, -5.4560, -0.2400



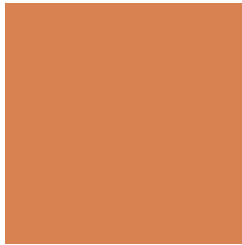
84.8790, -86.0580, -4.2500



22.2670, -22.7410, -0.8610

Previews

White Background



This preview shows how the YIQ color 150.4270, 67.5810, 3.2050 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 150.4270, 67.5810, 3.2050 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 150.4270, 67.5810, 3.2050

Background



This preview shows how black text looks on a background with the YIQ color 150.4270, 67.5810, 3.2050.



This preview shows how white text looks on a background with the YIQ color 150.4270, 67.5810,

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

150.4270, 67.5810, 3.2050

Protanopia

149.3030, 29.1630, -16.4130

Deuteranopia

149.9200, 46.5390, -11.9330



Tritanopia

153.7300, 54.3270, 23.1510

Trichromacy



Original Color

150.4270, 67.5810, 3.2050

Protanomaly

149.6470, 43.0540, -9.3460

Deuteranomaly

150.3880, 54.1490, -6.6750

Tritanomaly

152.4390, 59.2800, 15.9840

Monochromacy



Original Color

150.4270, 67.5810, 3.2050

Achromatopsia

150.0000, -0.0000, -0.0000

Achromatomaly

150.2170, 24.2540, 0.9740

CSS Examples

Text

The CSS property to change the color of the text to YIQ 150.4270, 67.5810, 3.2050 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(217, 130, 81)` looks like.

```
.text, #text, p{  
    color:rgb(217, 130, 81)  
}
```

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(217, 130, 81) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 130, 81) }
```

Border

The CSS property to change the border of an element to YIQ 150.4270, 67.5810, 3.2050 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(217, 130, 81) }
```


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

```
.border{ border-color:rgb(217, 130, 81) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 130, 81)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 130, 81); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 130, 81);  
box-shadow:4px 4px 4px 4px rgb(217, 130,  
81) }
```

Background

The CSS property to change the background color of an element to YIQ 150.4270, 67.5810, 3.2050 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 130, 81) }
```

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

```
.background{ background-color: rgb(217,  
130, 81) }
```

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