

# Converting Colors

YIQ(155.0940, 64.3250, 7.1490)

Have a look what the booklet for  
YIQ(155.0940, 64.3250, 7.1490)  
contains.

<b>YIQ(155.0940, 64.3250, 7.1490)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**YIQ(155.0940, 64.3250,  
7.1490)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	DD8560
RGB	221, 133, 96
RGB Percent	87%, 52%, 38%
CMY	0.1331, 0.4786, 0.6232
CMYK	0.00, 0.40, 0.57, 0.13
HSL	18°, 65%, 62%
HSV	18°, 57%, 87%
XYZ	40.3304, 32.9904, 15.3260
YIQ	155.0940, 64.3250, 7.1490

# Conversions

## Conversions Part 2

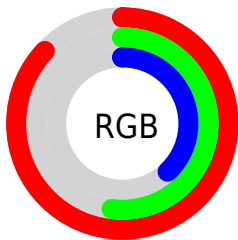
<b>Format</b>	<b>Color</b>
RYB	221, 149, 96
Decimal	14517600
CIELab	64.15, 30.24, 34.16
CIELCh	64, 45.618, 48.486
Yxy	32.9904, 0.4550, 0.3722
Android (android.graphics.Color)	4292707680 (0xFFDD8560)
YUV	155.0940, -29.1333, 57.7996
Hunter-Lab	57.4373, 24.8211, 24.3858

# Details

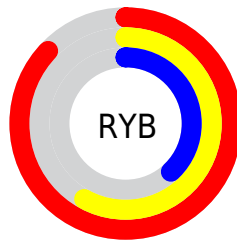
The YIQ color **155.0940, 64.3250, 7.1490** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **161.9060, -64.3250, -7.1490**, and the grayscale version is **155.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **202.7720, 53.3680, 1.9760**, and **102.1580, 58.2730, 6.6970** is the 20% darker color. If you saturate the color by 10%, you get **143.1940, 75.7870, 8.6750**, and if you desaturate by 10%, it is **166.9940, 52.8630, 5.6230**.

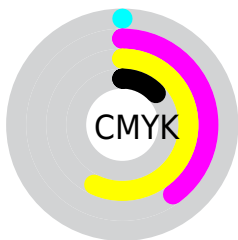
# Distribution



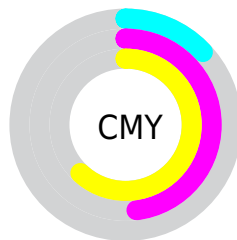
- Red (87%)
- Green (52%)
- Blue (38%)



- Red (87%)
- Yellow (58%)
- Blue (38%)



- Cyan (0%)
- Magenta (40%)
- Yellow (57%)
- Black (13%)



- Cyan (13%)
- Magenta (48%)
- Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the YIQ color 155.0940, 64.3250, 7.1490 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 155.0940, 64.3250, 7.1490 by changing the saturation by 10% instead.



155.0940, 64.3250,  
7.1490

155.0940, 64.3250,  
7.1490

255.0000, -0.0000,  
-0.0000

128.1260, 61.2990,  
6.9230

202.7720, 53.3680,  
1.9760

102.1580, 58.2730,  
6.6970

222.2860, 37.0010,  
-4.2710

76.7770, 54.9720,  
5.9480

242.5010, 20.0380,  
-10.7300

51.5810, 52.5880,  
5.1000

252.1500, 8.0250,  
-7.7750

28.3060, 43.4170,  
11.6170

15.2490, 30.3960,  
10.8120

3.8870, 7.7480,

2.7560

■ 0.0000, 0.0000,  
0.0000

■ 155.0940, 64.3250,  
7.1490

■ 155.0940, 64.3250,  
7.1490

■ 143.1940, 75.7870,  
8.6750

■ 166.9940, 52.8630,  
5.6230

■ 131.8810, 86.9740,  
9.6780

■ 178.3070, 41.6760,  
4.6200

■ 119.9810, 98.4360,  
11.2040

■ 190.2070, 30.2140,  
3.0940

■ 108.6680,  
109.6230, 12.2070

■ 201.5200, 19.0270,  
2.0910

■ 104.2340,  
113.8410, 12.8570

■ 213.5340, 7.2440,  
0.8760

■ 224.8470, -3.9430,  
-0.1270

■ 236.7470,  
-15.4050, -1.6530

■ 244.8340,  
-20.2640, -7.2080

# Harmonies

## Analogous

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



156.9160, 62.6710, 26.1190



155.0940, 64.3250, 7.1490



153.0190, 50.5740, -13.4740

# Triad

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



155.0940, 64.3250, 7.1490



129.2210, -70.9670, -40.9750



155.2650, -36.4540, 21.8980

# Complementary

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



155.0940, 64.3250, 7.1490



161.9060, -64.3250, -7.1490

# 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.



132.9250, -100.8670, -5.6910



155.0940, 64.3250, 7.1490



123.8320, -106.1800, -36.0680

# Square

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



155.0940, 64.3250, 7.1490



143.4820, -14.4820, -34.9140



126.0610, -116.5900, -23.6140



159.9950, 8.7050, 34.9850



# Rectangle

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



155.0940, 64.3250, 7.1490



150.8980, 34.4370, -23.8910



126.0610, -116.5900, -23.6140



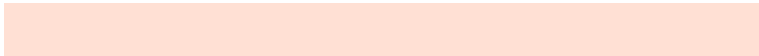
151.0670, -53.6920, 14.9160

# Sweetspot

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



155.0940, 64.3250, 7.1490



231.9010, 22.3280, 2.8400



143.6350, 45.6100, 54.4900



114.4700, 13.2960, 1.3280



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.



155.0940, 64.3250, 7.1490



163.6640, 89.0830, 10.0030



190.9010, 47.5500, -24.7540



104.0500, 5.7310, 0.7630



81.6640, 89.0830, 10.0030



21.9720, 23.5660, 2.4300



# Inverse Universe

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



161.9060, -64.3250, -7.1490



173.3360, -89.0830, -10.0030



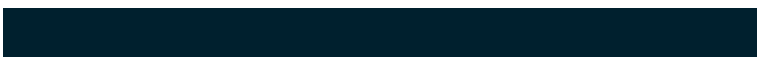
126.0990, -47.5500, 24.7540



104.3630, -5.4560, -0.2400



91.3360, -89.0830, -10.0030



24.0280, -23.5660, -2.4300



# Previews

## White Background



This preview shows how the YIQ color 155.0940, 64.3250, 7.1490 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

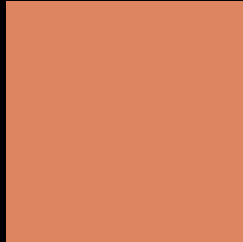
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YIQ color 155.0940, 64.3250, 7.1490 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

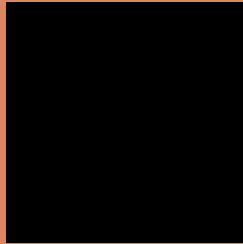
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YIQ 155.0940, 64.3250, 7.1490

## Background



This preview shows how black text looks on a background with the YIQ color 155.0940, 64.3250, 7.1490.



This preview shows how white text looks on a background with the YIQ color 155.0940, 64.3250,

7.1490.

# 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

155.0940, 64.3250, 7.1490

### Protanopia

154.0730, 24.1190, -13.1050

### Deuteranopia

154.5760, 41.8160, -8.9360



## Tritanopia

157.7300, 54.3270, 23.1510

# Trichromacy



## Original Color

155.0940, 64.3250, 7.1490

## Protanomaly

154.7160, 38.6060, -5.8260

## Deuteranomaly

154.7560, 50.2970, -2.9430

## Tritanomaly

156.8950, 57.9960, 17.2280

# Monochromacy



## Original Color

155.0940, 64.3250, 7.1490

## Achromatopsia

155.0000, -0.0000, 0.0000

## Achromatomaly

155.0860, 23.2450, 2.7410

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 155.0940, 64.3250, 7.1490 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(221, 133, 96)` looks like.

```
.text, #text, p{  
    color:rgb(221, 133, 96)  
}
```

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(221, 133, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 133, 96) }
```

## Border

The CSS property to change the border of an element to YIQ 155.0940, 64.3250, 7.1490 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(221, 133, 96) }
```



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

```
.border{ border-color:rgb(221, 133, 96) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 133, 96)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 133, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 133, 96);  
box-shadow:4px 4px 4px 4px rgb(221, 133,  
96) }
```

# Background

The CSS property to change the background color of an element to YIQ 155.0940, 64.3250, 7.1490 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 133, 96) }
```

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

```
.background{ background-color: rgb(221,  
133, 96) }
```

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