

Converting Colors

YIQ(154.0740, 67.0770, 1.3250)

Have a look what the booklet for
YIQ(154.0740, 67.0770, 1.3250)
contains.

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Color

**YIQ(154.0740, 67.0770,
1.3250)**

Conversions

Conversions Part 1

Format	Color
Hex	DB8752
RGB	219, 135, 82
RGB Percent	86%, 53%, 32%
CMY	0.1410, 0.4707, 0.6781
CMYK	0.00, 0.38, 0.63, 0.14
HSL	23°, 66%, 59%
HSV	23°, 63%, 86%
XYZ	39.4112, 32.9951, 12.2898
YIQ	154.0740, 67.0770, 1.3250

Conversions

Conversions Part 2

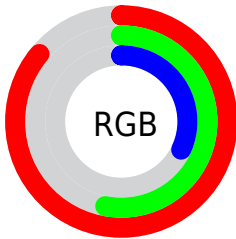
Format	Color
R _Y B	219, 168, 82
Decimal	14387026
CIE Lab	64.16, 27.34, 41.55
CIE LCh	64, 49.737, 56.650
Yxy	32.9951, 0.4653, 0.3896
Android (android.graphics.Color)	4292577106 (0xFFDB8752)
YUV	154.0740, -35.5325, 56.9401
Hunter-Lab	57.4414, 21.9486, 27.5237

Details

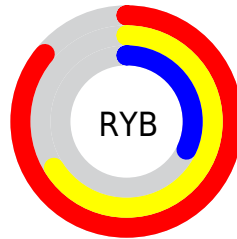
The YIQ color **154.0740, 67.0770, 1.3250** is a dark color, and the websafe version is hex **FF9966**. The color can be described as middle muted orange. A complement of this color would be **146.9260, -67.0770, -1.3250**, and the grayscale version is **154.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **202.3500, 57.3120, -3.4240**, and **101.0240, 61.3460, 0.5620** is the 20% darker color. If you saturate the color by 10%, you get **143.9350, 77.7140, 1.2820**, and if you desaturate by 10%, it is **164.2130, 56.4400, 1.3680**.

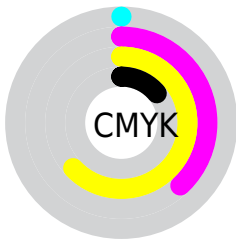
Distribution



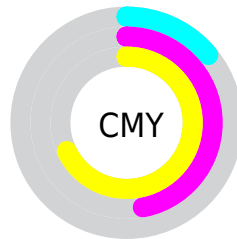
- Red (86%)
- Green (53%)
- Blue (32%)



- Red (86%)
- Yellow (66%)
- Blue (32%)



- Cyan (0%)
- Magenta (38%)
- Yellow (63%)
- Black (14%)




- Cyan (14%)
- Magenta (47%)
- Yellow (68%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 154.0740, 67.0770, 1.3250 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 154.0740, 67.0770, 1.3250 by changing the saturation by 10% instead.

 154.0740, 67.0770,
1.3250

 154.0740, 67.0770,
1.3250


255.0000, -0.0000,
-0.0000


 127.1060, 64.0510,
1.0990


 202.3500, 57.3120,
-3.4240


 101.0240, 61.3460,
0.5620


 221.7500, 41.2660,
-9.9820

 75.4150, 58.6870,
-0.8090


 241.3780, 24.5780,
-15.9180

 52.5160, 51.2130,
2.4850

 250.4400, 12.8400,
-12.4400

 30.3440, 40.2540,
8.3660

 253.6320, 3.8520,
-3.7320

 14.3520, 28.6080,
10.1760

 1.7940, 3.5760,

1.2720

■ 0.0000, 0.0000,
0.0000

■ 154.0740, 67.0770,
1.3250

■ 154.0740, 67.0770,
1.3250

■ 143.9350, 77.7140,
1.2820

■ 164.2130, 56.4400,
1.3680

■ 133.2090, 88.6260,
1.7620

■ 174.9390, 45.5280,
0.8880

■ 123.0700, 99.2630,
1.7190

■ 185.0780, 34.8910,
0.9310

■ 115.3760,
107.1490, 1.9730

■ 195.8040, 23.9790,
0.4510

■ 205.9430, 13.3420,
0.4940

■ 216.6690, 2.4300,
0.0140

■ 226.6940, -7.8860,
-0.2540

■ 237.1920,
-18.1560, -1.3560

■ 244.2360,
-21.4560, -7.6320

Harmonies

Analogous

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



155.3420, 70.0990, 23.6590



154.0740, 67.0770, 1.3250



151.2480, 48.1910, -19.8490

Triad

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



154.0740, 67.0770, 1.3250



120.8850, -96.5040, -46.2320



157.3420, -26.1850, 28.5270

Complementary

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



154.0740, 67.0770, 1.3250



146.9260, -67.0770, -1.3250

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.



138.4580, -91.8820, 2.1820



154.0740, 67.0770, 1.3250



126.0150, -110.9490, -32.2370

Square

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



154.0740, 67.0770, 1.3250



139.2350, -30.0240, -39.5920



127.0700, -120.8090, -18.7370



159.8010, 21.1750, 40.2710

Rectangle

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



154.0740, 67.0770, 1.3250



148.9740, 28.1110, -30.3930



127.0700, -120.8090, -18.7370



154.0730, -44.6610, 21.9550

Sweetspot

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



154.0740, 67.0770, 1.3250



231.9180, 23.6580, 0.7620



132.6530, 54.3670, 55.4790



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.



154.0740, 67.0770, 1.3250



164.5470, 93.4860, 1.7900



193.9900, 48.3770, -34.2390



104.6370, 5.4560, 0.2400



91.0560, 84.6830, 1.6350



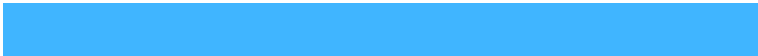
24.3200, 22.4660, 0.3380

Inverse Universe

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



146.9260, -67.0770, -1.3250



154.4530, -93.4860, -1.7900



107.0100, -48.3770, 34.2390



103.7760, -5.1810, 0.2830



81.9440, -84.6830, -1.6350



21.6800, -22.4660, -0.3380

Previews

White Background



This preview shows how the YIQ color 154.0740, 67.0770, 1.3250 looks on a white background.

Color Contrast Check

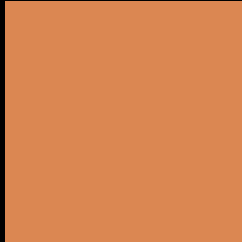
Large Text (above 18pt) WCAG AA × Fail

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 154.0740, 67.0770, 1.3250 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

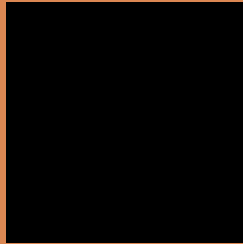
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 154.0740, 67.0770, 1.3250

Background



This preview shows how black text looks on a background with the YIQ color 154.0740, 67.0770, 1.3250.



This preview shows how white text looks on a background with the YIQ color 154.0740, 67.0770,

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

154.0740, 67.0770, 1.3250

Protanopia

152.8470, 30.4470, -17.6570

Deuteranopia

153.8770, 48.0980, -12.6540



Tritanopia

157.5450, 53.4100, 23.2500

Trichromacy



Original Color

154.0740, 67.0770, 1.3250

Protanomaly

152.8920, 43.7420, -10.8020

Deuteranomaly

154.0460, 55.1120, -7.6080

Tritanomaly

156.7270, 58.4090, 15.2490

Monochromacy



Original Color

154.0740, 67.0770, 1.3250

Achromatopsia

154.0000, -0.0000, -0.0000

Achromatomaly

154.1030, 24.5750, 0.6630

CSS Examples

Text

The CSS property to change the color of the text to YIQ 154.0740, 67.0770, 1.3250 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(219, 135, 82)` looks like.

```
.text, #text, p{  
    color:rgb(219, 135, 82)  
}
```

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(219, 135, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 135, 82) }
```

Border

The CSS property to change the border of an element to YIQ 154.0740, 67.0770, 1.3250 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(219, 135, 82) }
```


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

```
.border{ border-color:rgb(219, 135, 82) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 135, 82)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 135, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 135, 82);  
box-shadow:4px 4px 4px 4px rgb(219, 135,  
82) }
```

Background

The CSS property to change the background color of an element to YIQ 154.0740, 67.0770, 1.3250 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 135, 82) }
```

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

```
.background{ background-color: rgb(219,  
135, 82) }
```

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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