

Converting Colors

YIQ(151.7430, 69.5070, 1.3390)

Have a look what the booklet for
YIQ(151.7430, 69.5070, 1.3390)
contains.

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Color

**YIQ(151.7430, 69.5070,
1.3390)**

Conversions

Conversions Part 1

Format	Color
Hex	DB844D
RGB	219, 132, 77
RGB Percent	86%, 52%, 30%
CMY	0.1410, 0.4825, 0.6977
CMYK	0.00, 0.40, 0.65, 0.14
HSL	23°, 66%, 58%
HSV	23°, 65%, 86%
XYZ	38.8154, 32.0964, 11.1857
YIQ	151.7430, 69.5070, 1.3390

Conversions

Conversions Part 2

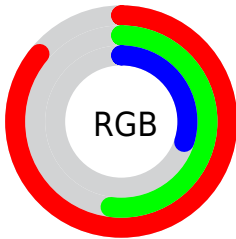
Format	Color
R _Y B	219, 167, 77
Decimal	14386253
CIE Lab	63.42, 28.62, 43.27
CIE LCh	63, 51.875, 56.516
Yxy	32.0964, 0.4728, 0.3910
Android (android.graphics.Color)	4292576333 (0xFFDB844D)
YUV	151.7430, -36.8483, 58.9844
Hunter-Lab	56.6537, 23.1524, 27.9514

Details

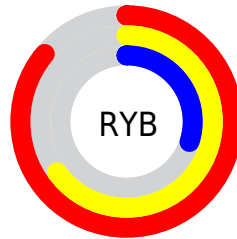
The YIQ color **151.7430, 69.5070, 1.3390** is a dark color, and the websafe version is hex **FF9966**. The color can be described as middle muted orange. A complement of this color would be **144.2570, -69.5070, -1.3390**, and the grayscale version is **152.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **200.0190, 59.7420, -3.4100**, and **98.3940, 63.1800, 0.3640** is the 20% darker color. If you saturate the color by 10%, you get **141.6040, 80.1440, 1.2960**, and if you desaturate by 10%, it is **161.8820, 58.8700, 1.3820**.

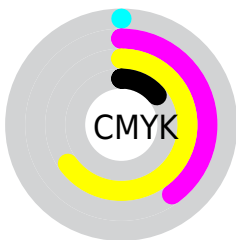
Distribution



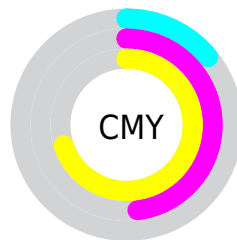
- Red (86%)
- Green (52%)
- Blue (30%)



- Red (86%)
- Yellow (65%)
- Blue (30%)



- Cyan (0%)
- Magenta (40%)
- Yellow (65%)
- Black (14%)



- Cyan (14%)
- Magenta (48%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 151.7430, 69.5070, 1.3390 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 151.7430, 69.5070, 1.3390 by changing the saturation by 10% instead.

151.7430, 69.5070,
1.3390

151.7430, 69.5070,
1.3390

255.0000, -0.0000,
-0.0000

124.7750, 66.4810,
1.1130

200.0190, 59.7420,
-3.4100

98.3940, 63.1800,
0.3640

219.4190, 43.6960,
-9.9680

72.6710, 60.8420,
-1.3180

238.9330, 27.3290,
-16.2150

50.4560, 51.4420,
3.8420

249.7560, 14.7660,
-14.3060

27.6970, 40.7580,
10.2460

253.0620, 5.4570,
-5.2870

14.3520, 28.6080,
10.1760

0.2990, 0.5960,

0.2120

■ 0.0000, 0.0000,
0.0000

■ 151.7430, 69.5070,
1.3390

■ 151.7430, 69.5070,
1.3390

■ 141.6040, 80.1440,
1.2960

■ 161.8820, 58.8700,
1.3820

■ 130.8780, 91.0560,
1.7760

■ 172.6080, 47.9580,
0.9020

■ 120.7390,
101.6930, 1.7330

■ 182.7470, 37.3210,
0.9450

■ 115.3760,
107.1490, 1.9730

■ 193.4730, 26.4090,
0.4650

■ 203.6120, 15.7720,
0.5080

■ 214.3380, 4.8600,
0.0280

■ 224.3630, -5.4560,
-0.2400

■ 234.5020,
-16.0930, -0.1970

■ 243.0620,
-20.9060, -6.5860

Harmonies

Analogous

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



152.9510, 72.7580, 25.0300



151.7430, 69.5070, 1.3390



148.9770, 50.3920, -21.1920

Triad

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



151.7430, 69.5070, 1.3390



119.9560, -95.2660, -46.6420



155.3850, -27.7440, 29.2480

Complementary

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



151.7430, 69.5070, 1.3390



144.2570, -69.5070, -1.3390

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.



130.6350, -105.6820, -1.0260



151.7430, 69.5070, 1.3390



125.3140, -110.3530, -32.0250

Square

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



151.7430, 69.5070, 1.3390



136.2840, -31.7200, -41.8960



126.5970, -120.8550, -17.9030



158.0400, 22.0000, 41.8400

Rectangle

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



151.7430, 69.5070, 1.3390



146.5180, 29.3950, -31.6370



126.5970, -120.8550, -17.9030



151.5180, -47.4120, 22.2520

Sweetspot

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



151.7430, 69.5070, 1.3390



231.9180, 23.6580, 0.7620



129.4900, 56.3840, 57.4720



114.0140, 14.5800, 0.0840



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.



151.7430, 69.5070, 1.3390



160.7000, 97.4290, 1.9170



192.8330, 50.2570, -35.2710



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.



144.2570, -69.5070, -1.3390



150.3000, -97.4290, -1.9170



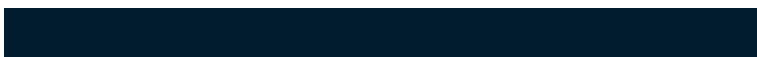
103.1670, -50.2570, 35.2710



103.7760, -5.1810, 0.2830



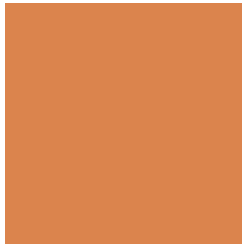
81.9440, -84.6830, -1.6350



21.6800, -22.4660, -0.3380

Previews

White Background



This preview shows how the YIQ color 151.7430, 69.5070, 1.3390 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 151.7430, 69.5070, 1.3390 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

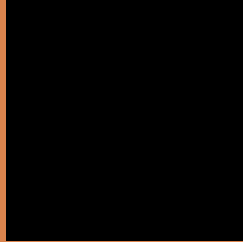
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 151.7430, 69.5070, 1.3390

Background



This preview shows how black text looks on a background with the YIQ color 151.7430, 69.5070, 1.3390.



This preview shows how white text looks on a background with the YIQ color 151.7430, 69.5070,

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

151.7430, 69.5070, 1.3390

Protanopia

150.6190, 31.0890, -18.2790

Deuteranopia

151.5350, 49.0610, -13.5870



Tritanopia

155.3280, 55.5190, 23.5750

Trichromacy



Original Color

151.7430, 69.5070, 1.3390

Protanomaly

150.9630, 44.9800, -11.2120

Deuteranomaly

152.0030, 56.6710, -8.3290

Tritanomaly

154.3960, 60.8390, 15.2630

Monochromacy



Original Color

151.7430, 69.5070, 1.3390

Achromatopsia

152.0000, -0.0000, -0.0000

Achromatomaly

151.9890, 24.8960, 0.3520

CSS Examples

Text

The CSS property to change the color of the text to YIQ 151.7430, 69.5070, 1.3390 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, 132, 77)` looks like.

```
.text, #text, p{  
    color:rgb(219, 132, 77)  
}
```

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, 132, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 132, 77) }
```

Border

The CSS property to change the border of an element to YIQ 151.7430, 69.5070, 1.3390 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, 132, 77) }
```


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

```
.border{ border-color:rgb(219, 132, 77) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 132, 77)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 132, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 132, 77);  
box-shadow:4px 4px 4px 4px rgb(219, 132,  
77) }
```

Background

The CSS property to change the background color of an element to YIQ 151.7430, 69.5070, 1.3390 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 132, 77) }
```

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

```
.background{ background-color: rgb(219,  
132, 77) }
```

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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