

Converting Colors

YIQ(169.1030, 50.9380, 1.9620)

Have a look what the booklet for
YIQ(169.1030, 50.9380, 1.9620)
contains.

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Color

**YIQ(169.1030, 50.9380,
1.9620)**

Conversions

Conversions Part 1

Format	Color
Hex	DB9A74
RGB	219, 154, 116
RGB Percent	86%, 60%, 45%
CMY	0.1410, 0.3962, 0.5449
CMYK	0.00, 0.30, 0.47, 0.14
HSL	22°, 59%, 66%
HSV	22°, 47%, 86%
XYZ	43.9304, 39.4297, 21.8363
YIQ	169.1030, 50.9380, 1.9620

Conversions

Conversions Part 2

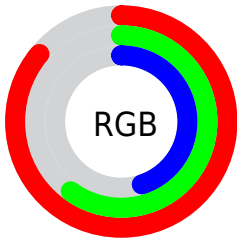
Format	Color
R_{YB}	219, 176, 116
Decimal	14391924
CIE Lab	69.06, 19.94, 29.59
CIE LCh	69, 35.682, 56.023
Yxy	39.4297, 0.4176, 0.3748
Android (android.graphics.Color)	4292582004 (0xFFDB9A74)
YUV	169.1030, -26.1798, 43.7597
Hunter-Lab	62.7931, 14.9916, 23.3370

Details

The YIQ color **169.1030, 50.9380, 1.9620** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **165.8970, -50.9380, -1.9620**, and the grayscale version is **169.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **218.0800, 40.5770, -2.9990**, and **116.2380, 46.1240, 1.1000** is the 20% darker color. If you saturate the color by 10%, you get **158.3770, 61.8500, 2.4420**, and if you desaturate by 10%, it is **179.8290, 40.0260, 1.4820**.

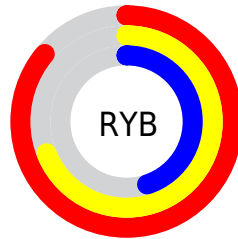
Distribution



Red (86%)

Green (60%)

Blue (45%)



Red (86%)

Yellow (69%)

Blue (45%)

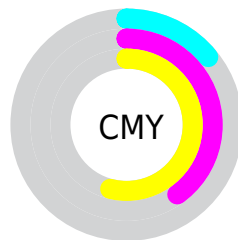


Cyan (0%)

Magenta (30%)

Yellow (47%)

Black (14%)



Cyan (14%)


Magenta (40%)


Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 169.1030, 50.9380, 1.9620 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 169.1030, 50.9380, 1.9620 by changing the saturation by 10% instead.


 169.1030, 50.9380,
1.9620


 169.1030, 50.9380,
1.9620


255.0000, -0.0000,
-0.0000

 142.3200, 48.8290,
1.6370


 218.0800, 40.5770,
-2.9990

 116.2380, 46.1240,
1.1000


 237.7080, 23.8890,
-8.9350


 90.5690, 43.6940,
1.0860

 251.4660, 9.9510,
-9.6410

 66.4870, 40.9890,
0.5490

254.7720, 0.6420,
-0.6220

 43.2910, 38.6050,
-0.2990

 22.3040, 28.5630,
5.4830

 8.7850, 16.9630,

6.4590

■ 0.0000, 0.0000,
0.0000

■ 169.1030, 50.9380,
1.9620

■ 169.1030, 50.9380,
1.9620

■ 158.3770, 61.8500,
2.4420

■ 179.8290, 40.0260,
1.4820

■ 147.6510, 72.7620,
2.9220

■ 190.5550, 29.1140,
1.0020

■ 136.9250, 83.6740,
3.4020

■ 200.6940, 18.4770,
1.0450

■ 126.7860, 94.3110,
3.3590

■ 211.4200, 7.5650,
0.5650

■ 116.1740,
104.9020, 4.1500

■ 222.1460, -3.3470,
0.0850

■ 113.0280,
108.2490, 4.0650

■ 232.7580,
-13.9380, -0.7060

■ 241.8880,
-20.3560, -5.5400

■ 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.



171.2580, 52.5400, 16.9880



169.1030, 50.9380, 1.9620



166.7170, 36.8650, -12.8230

Triad

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



169.1030, 50.9380, 1.9620



152.2820, -54.6010, -29.2010



170.6060, -18.4810, 21.0630

Complementary

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



169.1030, 50.9380, 1.9620



165.8970, -50.9380, -1.9620

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.



162.7970, -53.2320, 6.5760



169.1030, 50.9380, 1.9620



144.3940, -86.9710, -26.2590

Square

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



169.1030, 50.9380, 1.9620



158.5450, -18.7930, -28.3690



150.2780, -83.1680, -12.5760



173.3020, 14.8500, 28.2420

Rectangle

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



169.1030, 50.9380, 1.9620



164.7750, 21.7820, -20.3140



150.2780, -83.1680, -12.5760



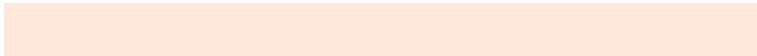
168.5120, -30.0800, 16.5120

Sweetspot

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



169.1030, 50.9380, 1.9620



237.3950, 17.8810, 0.8330



154.2070, 40.5230, 42.0510



117.2740, 10.9120, 0.4800



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.



169.1030, 50.9380, 1.9620



185.8680, 70.6530, 2.5970



199.0400, 36.9130, -24.7110



104.6370, 5.4560, 0.2400



89.2950, 85.5080, 3.2040



23.7330, 22.7410, 0.8610

Inverse Universe

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



165.8970, -50.9380, -1.9620



181.1320, -70.6530, -2.5970



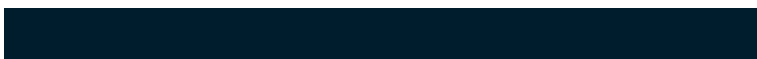
135.9600, -36.9130, 24.7110



104.3630, -5.4560, -0.2400



84.2920, -85.7830, -3.7270



22.2670, -22.7410, -0.8610

Previews

White Background



This preview shows how the YIQ color 169.1030, 50.9380, 1.9620 looks on a white background.

Color Contrast Check

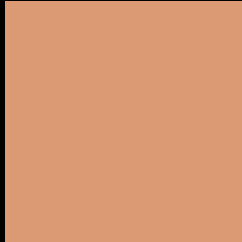
Large Text (above 18pt) WCAG AA × Fail

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 169.1030, 50.9380, 1.9620 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

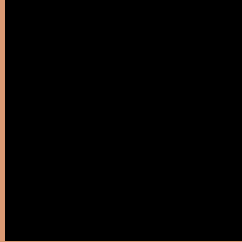
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 169.1030, 50.9380, 1.9620

Background



This preview shows how black text looks on a background with the YIQ color 169.1030, 50.9380, 1.9620.



This preview shows how white text looks on a background with the YIQ color 169.1030, 50.9380,

1.9620.

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

169.1030, 50.9380, 1.9620

Protanopia

167.5290, 22.8350, -11.8610

Deuteranopia

168.6020, 38.9270, -6.1370



Tritanopia

171.6790, 41.1690, 19.3210

Trichromacy



Original Color

169.1030, 50.9380, 1.9620

Protanomaly

168.2530, 32.6000, -7.1120

Deuteranomaly

168.6350, 43.3280, -3.2960

Tritanomaly

170.7300, 45.1590, 13.0870

Monochromacy



Original Color

169.1030, 50.9380, 1.9620

Achromatopsia

169.0000, -0.0000, -0.0000

Achromatomaly

169.2810, 18.2020, 0.5220

CSS Examples

Text

The CSS property to change the color of the text to YIQ 169.1030, 50.9380, 1.9620 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, 154, 116)` looks like.

```
.text, #text, p{  
    color:rgb(219, 154, 116)  
}
```

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, 154, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 154, 116) }
```

Border

The CSS property to change the border of an element to YIQ 169.1030, 50.9380, 1.9620 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, 154, 116) }
```


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

```
.border{ border-color:rgb(219, 154, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 154, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 154, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 154, 116);  
box-shadow:4px 4px 4px 4px rgb(219, 154,  
116) }
```

Background

The CSS property to change the background color of an element to YIQ 169.1030, 50.9380, 1.9620 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 154, 116) }
```

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

```
.background{ background-color: rgb(219,  
154, 116) }
```

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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