

Converting Colors

YIQ(151.0930, 56.8980, 4.0820)

Have a look what the booklet for
YIQ(151.0930, 56.8980, 4.0820)
contains.

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Color

**YIQ(151.0930, 56.8980,
4.0820)**

Conversions

Conversions Part 1

Format	Color
Hex	D0855F
RGB	208, 133, 95
RGB Percent	82%, 52%, 37%
CMY	0.1842, 0.4785, 0.6272
CMYK	0.00, 0.36, 0.54, 0.18
HSL	20°, 55%, 59%
HSV	20°, 54%, 82%
XYZ	36.4752, 31.0094, 14.9050
YIQ	151.0930, 56.8980, 4.0820

Conversions

Conversions Part 2

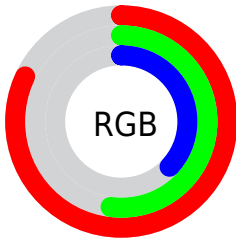
Format	Color
R _{YB}	208, 152, 95
Decimal	13665631
CIE Lab	62.52, 24.92, 32.30
CIE LCh	63, 40.793, 52.347
Yxy	31.0094, 0.4427, 0.3764
Android (android.graphics.Color)	4291855711 (0xFFD0855F)
YUV	151.0930, -27.6538, 49.9074
Hunter-Lab	55.6861, 19.4695, 23.1107

Details

The YIQ color **151.0930, 56.8980, 4.0820** is a dark color, and the websafe version is hex **CC9966**. The color can be described as middle muted orange. A complement of this color would be **151.9070, -56.8980, -4.0820**, and the grayscale version is **151.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **202.6580, 53.6890, 1.6650**, and **99.0430, 51.1670, 3.3190** is the 20% darker color. If you saturate the color by 10%, you get **140.4810, 67.4890, 4.8730**, and if you desaturate by 10%, it is **161.7050, 46.3070, 3.2910**.

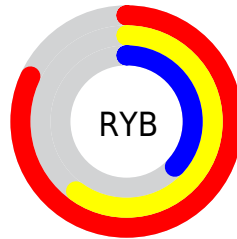
Distribution



Red (82%)

Green (52%)

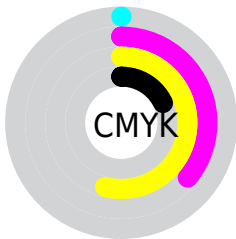
Blue (37%)



Red (82%)

Yellow (60%)

Blue (37%)

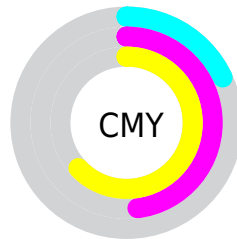


Cyan (0%)

Magenta (36%)

Yellow (54%)

Black (18%)



Cyan (18%)


Magenta (48%)


Yellow (63%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 151.0930, 56.8980, 4.0820 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 151.0930, 56.8980, 4.0820 by changing the saturation by 10% instead.


 151.0930, 56.8980,
4.0820


 151.0930, 56.8980,
4.0820


255.0000, -0.0000,
-0.0000


 124.4240, 54.4680,
4.0680


 202.6580, 53.6890,
1.6650


 99.0430, 51.1670,
3.3190


 221.5850, 37.5970,
-4.0590


 73.9610, 48.4620,
2.7820

 241.6860, 20.9550,
-10.8290

 49.3520, 45.8030,
1.4110

 252.0360, 8.3460,
-8.0860

 27.6640, 36.3570,
7.4050

 12.8570, 25.6280,
9.1160

 0.0000, 0.0000,

0.0000

■ 151.0930, 56.8980,
4.0820

■ 151.0930, 56.8980,
4.0820

■ 140.4810, 67.4890,
4.8730

■ 161.7050, 46.3070,
3.2910

■ 129.8690, 78.0800,
5.6640

■ 172.3170, 35.7160,
2.5000

■ 119.9580, 88.0750,
6.2430

■ 182.2280, 25.7210,
1.9210

■ 109.3460, 98.6660,
7.0340

■ 192.8400, 15.1300,
1.1300

■ 103.2820,
104.7180, 7.4860

■ 203.4520, 4.5390,
0.3390

■ 214.0640, -6.0520,
-0.4520

■ 224.6760,
-16.6430, -1.2430

■ 234.4900,
-24.9870, -4.2110

■ 240.9470,
-28.0120, -9.9640

Harmonies

Analogous

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



152.3450, 56.8490, 21.4970



151.0930, 56.8980, 4.0820



149.0120, 43.2840, -13.5160

Triad

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



151.0930, 56.8980, 4.0820



128.6180, -64.5950, -35.3070



151.8270, -26.4130, 21.6430

Complementary

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



151.0930, 56.8980, 4.0820



151.9070, -56.8980, -4.0820

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.



139.5820, -71.8000, 1.6720



151.0930, 56.8980, 4.0820



119.9680, -103.5670, -33.8630

Square

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



151.0930, 56.8980, 4.0820



140.0350, -17.4170, -31.2810



121.1540, -112.4180, -22.1300



155.7410, 12.2360, 31.5640

Rectangle

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



151.0930, 56.8980, 4.0820



146.9450, 27.0550, -22.2650



121.1540, -112.4180, -22.1300



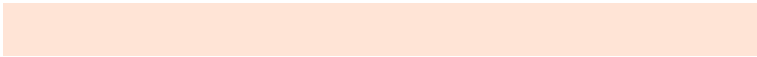
149.2380, -40.9920, 16.0320

Sweetspot

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



151.0930, 56.8980, 4.0820



234.4770, 20.5860, 1.3700



137.3370, 43.2730, 47.2810



115.1710, 12.7000, 1.1160



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.



151.0930, 56.8980, 4.0820



171.5060, 83.5360, 5.9040



183.9650, 41.4980, -25.2060



99.6370, 5.4560, 0.2400



83.1040, 84.7280, 6.3280



20.4770, 20.5860, 1.3700

Inverse Universe

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



151.9070, -56.8980, -4.0820



172.4940, -83.5360, -5.9040



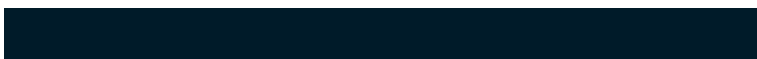
119.0350, -41.4980, 25.2060



99.3630, -5.4560, -0.2400



84.8960, -84.7280, -6.3280



20.5230, -20.5860, -1.3700

Previews

White Background



This preview shows how the YIQ color 151.0930, 56.8980, 4.0820 looks on a white background.

Color Contrast Check

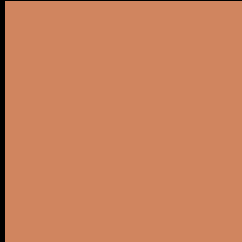
Large Text (above 18pt) WCAG AA × Fail

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 151.0930, 56.8980, 4.0820 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 151.0930, 56.8980, 4.0820

Background



This preview shows how black text looks on a background with the YIQ color 151.0930, 56.8980, 4.0820.



This preview shows how white text looks on a background with the YIQ color 151.0930, 56.8980,

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

151.0930, 56.8980, 4.0820

Protanopia

149.8880, 23.2020, -13.0060

Deuteranopia

150.7330, 39.9360, -7.9040



Tritanopia

153.8430, 46.5790, 20.3950

Trichromacy



Original Color

151.0930, 56.8980, 4.0820

Protanomaly

150.2210, 35.6260, -6.8860

Deuteranomaly

151.1900, 46.0790, -3.5930

Tritanomaly

153.0080, 50.2480, 14.4720

Monochromacy



Original Color

151.0930, 56.8980, 4.0820

Achromatopsia

151.0000, -0.0000, 0.0000

Achromatomaly

150.8900, 20.8610, 1.8930

CSS Examples

Text

The CSS property to change the color of the text to YIQ 151.0930, 56.8980, 4.0820 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(208, 133, 95)` looks like.

```
.text, #text, p{  
    color:rgb(208, 133, 95)  
}
```

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(208, 133, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 133, 95) }
```

Border

The CSS property to change the border of an element to YIQ 151.0930, 56.8980, 4.0820 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(208, 133, 95) }
```


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

```
.border{ border-color:rgb(208, 133, 95) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 133, 95)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 133, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 133, 95);  
box-shadow:4px 4px 4px 4px rgb(208, 133,  
95) }
```

Background

The CSS property to change the background color of an element to YIQ 151.0930, 56.8980, 4.0820 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 133, 95) }
```

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

```
.background{ background-color: rgb(208,  
133, 95) }
```

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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