

Converting Colors

YIQ(151.0600, 52.4970, 1.2410)

Have a look what the booklet for
YIQ(151.0600, 52.4970, 1.2410)
contains.

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Color

**YIQ(151.0600, 52.4970,
1.2410)**

Conversions

Conversions Part 1

Format	Color
Hex	CA885F
RGB	202, 136, 95
RGB Percent	79%, 53%, 37%
CMY	0.2077, 0.4668, 0.6272
CMYK	0.00, 0.33, 0.53, 0.21
HSL	23°, 50%, 58%
HSV	23°, 53%, 79%
XYZ	35.2348, 30.9890, 14.9655
YIQ	151.0600, 52.4970, 1.2410

Conversions

Conversions Part 2

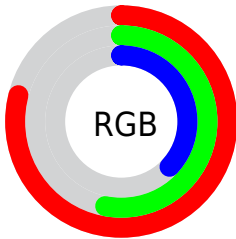
Format	Color
R _Y B	202, 161, 95
Decimal	13273183
CIE Lab	62.50, 20.83, 32.13
CIE LCh	62, 38.288, 57.047
Yxy	30.9890, 0.4340, 0.3817
Android (android.graphics.Color)	4291463263 (0xFFCA885F)
YUV	151.0600, -27.6376, 44.6744
Hunter-Lab	55.6678, 15.5624, 23.0282

Details

The YIQ color **151.0600, 52.4970, 1.2410** 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 **145.9400, -52.4970, -1.2410**, and the grayscale version is **151.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **204.4190, 52.8640, 0.0960**, and **99.3090, 47.3620, 0.6900** is the 20% darker color. If you saturate the color by 10%, you get **141.7360, 62.2170, 1.2970**, and if you desaturate by 10%, it is **160.3840, 42.7770, 1.1850**.

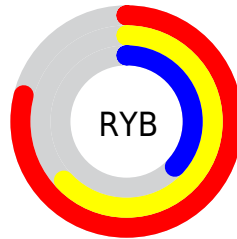
Distribution



Red (79%)

Green (53%)

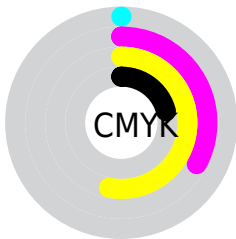
Blue (37%)



Red (79%)

Yellow (63%)

Blue (37%)

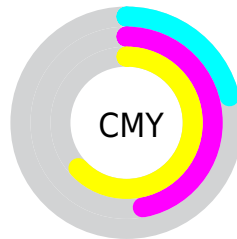


Cyan (0%)

Magenta (33%)

Yellow (53%)

Black (21%)



Cyan (21%)


Magenta (47%)

Yellow (63%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 151.0600, 52.4970, 1.2410 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 151.0600, 52.4970, 1.2410 by changing the saturation by 10% instead.


 151.0600, 52.4970,
1.2410


 151.0600, 52.4970,
1.2410


255.0000, -0.0000,
-0.0000


 124.3910, 50.0670,
1.2270


 204.4190, 52.8640,
0.0960


 99.3090, 47.3620,
0.6900


 223.3460, 36.7720,
-5.6280


 74.2270, 44.6570,
0.1530

 243.4470, 20.1300,
-12.3980

 50.5040, 42.3190,
-1.5290

 252.0360, 8.3460,
-8.0860

 29.4030, 32.5980,
3.9420

 11.6610, 23.2440,
8.2680

 0.0000, 0.0000,

0.0000

151.0600, 52.4970,
1.2410

151.0600, 52.4970,
1.2410

141.7360, 62.2170,
1.2970

160.3840, 42.7770,
1.1850

131.8250, 72.2120,
1.8760

170.2950, 32.7820,
0.6060

122.3870, 82.2530,
1.6210

179.7330, 22.7410,
0.8610

112.4760, 92.2480,
2.2000

189.6440, 12.7460,
0.2820

105.5970, 99.2170,
2.5530

198.9680, 3.0260,
0.2260

208.8790, -6.9690,
-0.3530

■ 218.2030,
-16.6890, -0.4090

■ 228.0000,
-26.3630, -1.2990

■ 235.0440,
-29.6630, -7.5750

Harmonies

Analogous

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



152.4540, 54.9240, 17.8360



151.0600, 52.4970, 1.2410



148.8480, 37.8740, -14.5900

Triad

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



151.0600, 52.4970, 1.2410



129.9000, -65.3290, -33.0170



153.5460, -18.2520, 22.4200

Complementary

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



151.0600, 52.4970, 1.2410



145.9400, -52.4970, -1.2410

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.



144.0460, -58.3670, 6.0250



151.0600, 52.4970, 1.2410



119.2500, -104.3010, -31.5730

Square

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



151.0600, 52.4970, 1.2410



139.9360, -21.4520, -29.7400



119.8660, -111.5470, -21.3950



155.5520, 17.1420, 30.7580

Rectangle

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



151.0600, 52.4970, 1.2410



146.7210, 21.8740, -21.9820



119.8660, -111.5470, -21.3950



150.9680, -31.3640, 17.7560

Sweetspot

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



151.0600, 52.4970, 1.2410



235.6510, 20.0360, 0.3240



134.7450, 41.9440, 43.8320



116.3450, 12.1500, 0.0700



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.



151.0600, 52.4970, 1.2410



177.1310, 80.0980, 2.1300



181.5840, 38.1970, -25.9550



97.3380, 4.8600, 0.0280



86.6150, 81.6110, 2.2430



20.1670, 18.5230, 0.2110

Inverse Universe

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



145.9400, -52.4970, -1.2410



169.8690, -80.0980, -2.1300



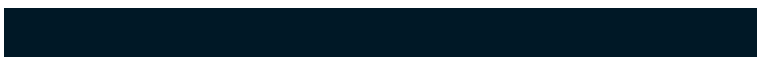
115.4160, -38.1970, 25.9550



96.6620, -4.8600, -0.0280



78.7980, -81.3360, -1.7200



18.4200, -18.7980, -0.7340

Previews

White Background



This preview shows how the YIQ color 151.0600, 52.4970, 1.2410 looks on a white background.

Color Contrast Check

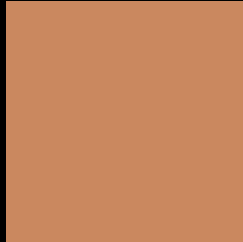
Large Text (above 18pt) WCAG AA × Fail

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 151.0600, 52.4970, 1.2410 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

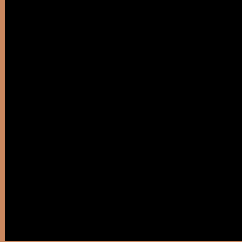
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 151.0600, 52.4970, 1.2410

Background



This preview shows how black text looks on a background with the YIQ color 151.0600, 52.4970, 1.2410.



This preview shows how white text looks on a background with the YIQ color 151.0600, 52.4970,

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

151.0600, 52.4970, 1.2410

Protanopia

149.1870, 23.7980, -12.7940

Deuteranopia

150.4340, 39.3400, -8.1160



Tritanopia

153.8640, 42.0860, 19.2220

Trichromacy



Original Color

151.0600, 52.4970, 1.2410

Protanomaly

150.2100, 34.1590, -7.8330

Deuteranomaly

150.8800, 44.0160, -4.7520

Tritanomaly

152.9150, 46.0760, 12.9880

Monochromacy



Original Color

151.0600, 52.4970, 1.2410

Achromatopsia

151.0000, -0.0000, 0.0000

Achromatomaly

151.4660, 19.1190, 0.4230

CSS Examples

Text

The CSS property to change the color of the text to YIQ 151.0600, 52.4970, 1.2410 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(202, 136, 95)` looks like.

```
.text, #text, p{  
    color:rgb(202, 136, 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(202, 136, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 136, 95) }
```

Border

The CSS property to change the border of an element to YIQ 151.0600, 52.4970, 1.2410 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(202, 136, 95) }
```


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

```
.border{ border-color:rgb(202, 136, 95) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 136, 95)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 136, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 136, 95);  
box-shadow:4px 4px 4px 4px rgb(202, 136,  
95) }
```

Background

The CSS property to change the background color of an element to YIQ 151.0600, 52.4970, 1.2410 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 136, 95) }
```

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

```
.background{ background-color: rgb(202,  
136, 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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