

Converting Colors

YIQ(171.4990, 40.7150, -5.5010)

Have a look what the booklet for
YIQ(171.4990, 40.7150, -5.5010)
contains.

YIQ(171.4990, 40.7150, -5.5010)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(171.4990, 40.7150,
-5.5010)**

Conversions

Conversions Part 1

Format	Color
Hex	CFA475
RGB	207, 164, 117
RGB Percent	81%, 64%, 46%
CMY	0.1882, 0.3569, 0.5410
CMYK	0.00, 0.21, 0.43, 0.19
HSL	31°, 48%, 64%
HSV	31°, 43%, 81%
XYZ	42.2234, 41.0980, 22.5525
YIQ	171.4990, 40.7150, -5.5010

Conversions

Conversions Part 2

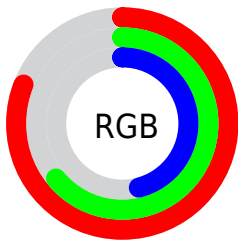
Format	Color
R_{YB}	199, 207, 117
Decimal	13608053
CIE Lab	70.24, 9.77, 30.36
CIE LCh	70, 31.896, 72.167
Yxy	41.0980, 0.3988, 0.3882
Android (android.graphics.Color)	4291798133 (0xFFCFA475)
YUV	171.4990, -26.8680, 31.1344
Hunter-Lab	64.1077, 5.3772, 24.0178

Details

The YIQ color **171.4990, 40.7150, -5.5010** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **152.5010, -40.7150, 5.5010**, and the grayscale version is **172.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **224.1780, 37.1850, -7.6070**, and **118.6450, 37.3680, -5.4160** is the 20% darker color. If you saturate the color by 10%, you get **163.2350, 50.2060, -6.8020**, and if you desaturate by 10%, it is **179.7630, 31.2240, -4.2000**.

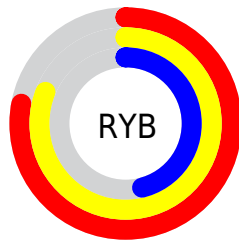
Distribution



Red (81%)

Green (64%)

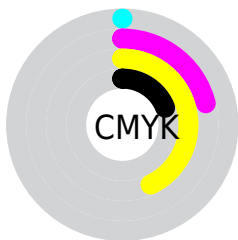
Blue (46%)



Red (78%)

Yellow (81%)

Blue (46%)

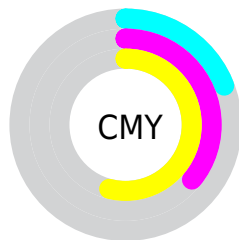


Cyan (0%)

Magenta (21%)

Yellow (43%)

Black (19%)



Cyan (19%)

Magenta (36%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 171.4990, 40.7150, -5.5010 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 171.4990, 40.7150, -5.5010 by changing the saturation by 10% instead.

■ 171.4990, 40.7150,
-5.5010

■ 171.4990, 40.7150,
-5.5010

255.0000, -0.0000,
-0.0000

■ 145.0150, 39.2020,
-5.6140

■ 224.1780, 37.1850,
-7.6070

■ 118.6450, 37.3680,
-5.4160

■ 243.6920, 20.8180,
-13.8540

■ 93.8620, 35.2590,
-5.7410

■ 251.5800, 9.6300,
-9.3300

■ 69.6660, 32.8750,
-6.5890

254.8860, 0.3210,
-0.3110

■ 46.7690, 31.0870,
-7.2250

■ 26.9670, 21.9620,
-1.5420

■ 6.5780, 13.1120,

4.6640

0.0000, 0.0000,
0.0000

171.4990, 40.7150,
-5.5010

171.4990, 40.7150,
-5.5010

163.2350, 50.2060,
-6.8020

179.7630, 31.2240,
-4.2000

155.0850, 59.3760,
-7.7920

187.9130, 22.0540,
-3.2100

146.8210, 68.8670,
-9.0930

196.1770, 12.5630,
-1.9090

138.5570, 78.3580,
-10.3940

204.4410, 3.0720,
-0.6080

130.4070, 87.5280,
-11.3840

212.1180, -6.1440,
1.2160

■ 125.2890, 93.6720,
-12.6000

■ 220.2680,
-15.3140, 2.2060

■ 227.7340,
-22.5580, 1.3300

■ 233.6040,
-25.3080, -3.9000

■ 239.4740,
-28.0580, -9.1300

Harmonies

Analogous

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



173.5360, 48.4610, 8.3090



171.4990, 40.7150, -5.5010



169.0680, 22.5150, -17.0770

Triad

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



171.4990, 40.7150, -5.5010



156.0350, -60.9750, -23.8150



175.5390, 0.8210, 23.6770

Complementary

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



171.4990, 40.7150, -5.5010



152.5010, -40.7150, 5.5010

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.



170.9310, -29.9420, 14.0100



171.4990, 40.7150, -5.5010



155.5580, -72.3930, -15.1210

Square

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



171.4990, 40.7150, -5.5010



160.4110, -32.9150, -25.7390



163.4170, -58.2740, -1.1700



176.0660, 27.1380, 25.8100

Rectangle

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



171.4990, 40.7150, -5.5010



166.5220, 6.3770, -21.9670



163.4170, -58.2740, -1.1700



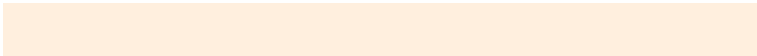
174.6840, -9.9530, 20.6950

Sweetspot

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



171.4990, 40.7150, -5.5010



241.8460, 14.9930, -1.8950



148.9260, 39.5160, 32.7640



119.7360, 9.4910, -1.3010



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.



171.4990, 40.7150, -5.5010



202.8570, 60.0180, -8.4140



196.4410, 28.2940, -28.2020



100.8110, 4.9060, -0.8060



101.8880, 75.9280, -10.4080



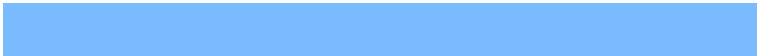
24.5860, 18.6610, -2.2910

Inverse Universe

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



152.5010, -40.7150, 5.5010



174.7300, -60.2930, 7.8910



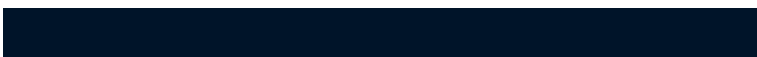
127.8580, -27.6980, 28.4140



98.1890, -4.9060, 0.8060



66.1120, -75.9280, 10.4080



16.4140, -18.6610, 2.2910

Previews

White Background



This preview shows how the YIQ color 171.4990, 40.7150, -5.5010 looks on a white background.

Color Contrast Check

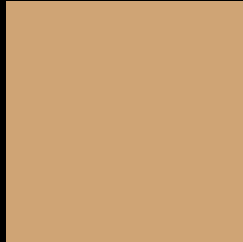
Large Text (above 18pt) WCAG AA × Fail

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 171.4990, 40.7150, -5.5010 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

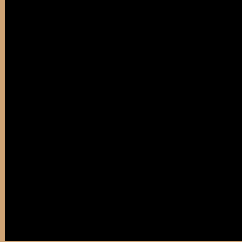
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 171.4990, 40.7150, -5.5010

Background



This preview shows how black text looks on a background with the YIQ color 171.4990, 40.7150, -5.5010.



This preview shows how white text looks on a background with the YIQ color 171.4990, 40.7150, -5.5010.

-5.5010.

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

171.4990, 40.7150, -5.5010

Protanopia

170.2580, 25.0360, -13.2040

Deuteranopia

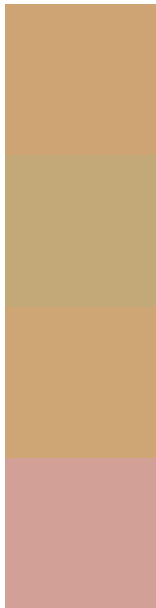
171.7870, 39.8440, -6.2360



Tritanopia

174.8130, 28.9280, 15.3920

Trichromacy



Original Color

171.4990, 40.7150, -5.5010

Protanomaly

170.7750, 30.9500, -10.2500

Deuteranomaly

171.7870, 39.8440, -6.2360

Tritanomaly

173.8100, 33.0100, 7.4900

Monochromacy



Original Color

171.4990, 40.7150, -5.5010

Achromatopsia

171.0000, -0.0000, -0.0000

Achromatomaly

170.8460, 14.9930, -1.8950

CSS Examples

Text

The CSS property to change the color of the text to YIQ 171.4990, 40.7150, -5.5010 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(207, 164, 117)` looks like.

```
.text, #text, p{  
    color:rgb(207, 164, 117)  
}
```

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(207, 164, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 164, 117) }
```

Border

The CSS property to change the border of an element to YIQ 171.4990, 40.7150, -5.5010 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(207, 164, 117) }
```


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

```
.border{ border-color:rgb(207, 164, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 164, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 164, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 164, 117);  
box-shadow:4px 4px 4px 4px rgb(207, 164,  
117) }
```

Background

The CSS property to change the background color of an element to YIQ 171.4990, 40.7150, -5.5010 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 164, 117) }
```

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

```
.background{ background-color: rgb(207,  
164, 117) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor