

Converting Colors

YIQ(170.7010, 42.9620, -7.6780)

Have a look what the booklet for
YIQ(170.7010, 42.9620, -7.6780)
contains.

YIQ(170.7010, 42.9620, -7.6780)	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(170.7010, 42.9620,
-7.6780)**

Conversions

Conversions Part 1

Format	Color
Hex	CFA46E
RGB	207, 164, 110
RGB Percent	81%, 64%, 43%
CMY	0.1882, 0.3569, 0.5684
CMYK	0.00, 0.21, 0.47, 0.19
HSL	33°, 50%, 62%
HSV	33°, 47%, 81%
XYZ	41.8266, 40.9393, 20.4649
YIQ	170.7010, 42.9620, -7.6780

Conversions

Conversions Part 2

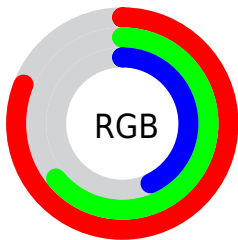
Format	Color
RYB	187, 207, 110
Decimal	13608046
CIELab	70.13, 9.05, 33.94
CIELCh	70, 35.128, 75.072
Yxy	40.9393, 0.4052, 0.3966
Android (android.graphics.Color)	4291798126 (0xFFCFA46E)
YUV	170.7010, -29.9256, 31.8342
Hunter-Lab	63.9838, 4.7150, 25.8251

Details

The YIQ color **170.7010, 42.9620, -7.6780** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **146.2990, -42.9620, 7.6780**, and the grayscale version is **171.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **223.2660, 39.7530, -10.0950**, and **117.5480, 39.0190, -7.8050** is the 20% darker color. If you saturate the color by 10%, you get **163.0240, 52.1780, -9.5020**, and if you desaturate by 10%, it is **178.3780, 33.7460, -5.8540**.

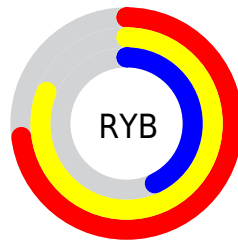
Distribution



Red (81%)

Green (64%)

Blue (43%)



Red (73%)

Yellow (81%)

Blue (43%)

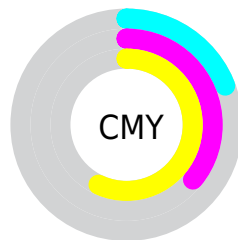


Cyan (0%)

Magenta (21%)

Yellow (47%)

Black (19%)



Cyan (19%)


Magenta (36%)


Yellow (57%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 170.7010, 42.9620, -7.6780 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 170.7010, 42.9620, -7.6780 by changing the saturation by 10% instead.


 170.7010, 42.9620,
-7.6780


 170.7010, 42.9620,
-7.6780


255.0000, -0.0000,
-0.0000


 143.9180, 40.8530,
-8.0030


 223.2660, 39.7530,
-10.0950

 117.5480, 39.0190,
-7.8050


 242.8940, 23.0650,
-16.0310


 92.7650, 36.9100,
-8.1300

 250.7820, 11.8770,
-11.5070

 68.8680, 35.1220,
-8.7660

 253.9740, 2.8890,
-2.7990

 46.4700, 30.4910,
-7.4370

 26.6680, 21.3660,
-1.7540

 6.2790, 12.5160,

4.4520

0.0000, 0.0000,
0.0000

170.7010, 42.9620,
-7.6780

170.7010, 42.9620,
-7.6780

163.0240, 52.1780,
-9.5020

178.3780, 33.7460,
-5.8540

155.4610, 61.0730,
-11.0150

185.9410, 24.8510,
-4.3410

147.1970, 70.5640,
-12.3160

194.2050, 15.3600,
-3.0400

139.5200, 79.7800,
-14.1400

201.8820, 6.1440,
-1.2160

131.9570, 88.6750,
-15.6530

209.5590, -3.0720,
0.6080

■ 129.3980, 91.7470,
-16.2610

■ 217.1220,
-11.9670, 2.1210

■ 224.7990,
-21.1830, 3.9450

■ 230.0820,
-23.6580, -0.7620

■ 235.9520,
-26.4080, -5.9920

Harmonies

Analogous

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



173.1620, 52.4500, 7.6020



170.7010, 42.9620, -7.6780



168.0740, 22.3780, -20.1020

Triad

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



170.7010, 42.9620, -7.6780



151.3970, -73.8580, -27.1220



175.5010, 3.9840, 26.9280

Complementary

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



170.7010, 42.9620, -7.6780



146.2990, -42.9620, 7.6780

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.



171.2130, -30.6760, 16.3000



170.7010, 42.9620, -7.6780



151.1480, -85.9180, -17.8060

Square

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



170.7010, 42.9620, -7.6780



158.4100, -40.3420, -28.8060



161.7200, -63.5010, -0.0530



175.9850, 31.8600, 28.3400

Rectangle

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



170.7010, 42.9620, -7.6780



164.8590, 3.8100, -25.0060



161.7200, -63.5010, -0.0530



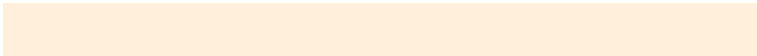
174.7600, -7.1110, 24.2570

Sweetspot

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



170.7010, 42.9620, -7.6780



241.5040, 15.9560, -2.8280



144.0190, 43.6880, 34.2480



119.6220, 9.8120, -1.6120



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.



170.7010, 42.9620, -7.6780



201.7170, 63.2280, -11.5240



194.4470, 28.1570, -31.2270



100.8110, 4.9060, -0.8060



105.4100, 74.2780, -13.5460



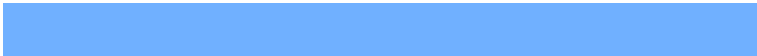
25.7600, 18.1110, -3.3370

Inverse Universe

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



146.2990, -42.9620, 7.6780



165.8700, -63.5030, 11.0010



122.5530, -28.1570, 31.2270



98.1890, -4.9060, 0.8060



63.1770, -74.5530, 13.0230



15.2400, -18.1110, 3.3370

Previews

White Background



This preview shows how the YIQ color 170.7010, 42.9620, -7.6780 looks on a white background.

Color Contrast Check

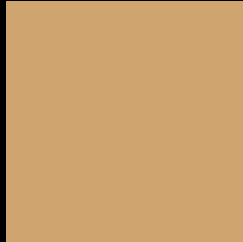
Large Text (above 18pt) WCAG AA × Fail

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 170.7010, 42.9620, -7.6780 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 170.7010, 42.9620, -7.6780

Background



This preview shows how black text looks on a background with the YIQ color 170.7010, 42.9620, -7.6780.



This preview shows how white text looks on a background with the YIQ color 170.7010, 42.9620, -7.6780.

-7.6780.

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

170.7010, 42.9620, -7.6780

Protanopia

169.4600, 27.2830, -15.3810

Deuteranopia

170.7010, 42.9620, -7.6780



Tritanopia

174.8130, 28.9280, 15.3920

Trichromacy



Original Color

170.7010, 42.9620, -7.6780

Protanomaly

169.9770, 33.1970, -12.4270

Deuteranomaly

170.7010, 42.9620, -7.6780

Tritanomaly

173.5820, 33.6520, 6.8680

Monochromacy



Original Color

170.7010, 42.9620, -7.6780

Achromatopsia

171.0000, -0.0000, -0.0000

Achromatomaly

170.6180, 15.6350, -2.5170

CSS Examples

Text

The CSS property to change the color of the text to YIQ 170.7010, 42.9620, -7.6780 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, 110)` looks like.

```
.text, #text, p{  
    color:rgb(207, 164, 110)  
}
```

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, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 164, 110) }
```

Border

The CSS property to change the border of an element to YIQ 170.7010, 42.9620, -7.6780 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, 110) }
```


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

```
.border{ border-color:rgb(207, 164, 110) }
```

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, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 164, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 164, 110);  
box-shadow:4px 4px 4px 4px rgb(207, 164,  
110) }
```

Background

The CSS property to change the background color of an element to YIQ 170.7010, 42.9620, -7.6780 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, 110) }
```

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

```
.background{ background-color: rgb(207,  
164, 110) }
```

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