

Converting Colors

YIQ(172.9750, 53.8740, -7.1980)

Have a look what the booklet for
YIQ(172.9750, 53.8740, -7.1980)
contains.

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Color

**YIQ(172.9750, 53.8740,
-7.1980)**

Conversions

Conversions Part 1

Format	Color
Hex	DCA365
RGB	220, 163, 101
RGB Percent	86%, 64%, 40%
CMY	0.1372, 0.3609, 0.6037
CMYK	0.00, 0.26, 0.54, 0.14
HSL	31°, 63%, 63%
HSV	31°, 54%, 86%
XYZ	44.9678, 42.3462, 18.1327
YIQ	172.9750, 53.8740, -7.1980

Conversions

Conversions Part 2

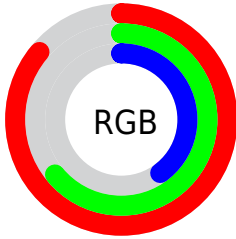
Format	Color
R _Y B	210, 220, 101
Decimal	14459749
CIE Lab	71.11, 14.14, 40.15
CIE LCh	71, 42.568, 70.606
Yxy	42.3462, 0.4265, 0.4016
Android (android.graphics.Color)	4292649829 (0xFFDCA365)
YUV	172.9750, -35.4837, 41.2409
Hunter-Lab	65.0740, 9.4688, 29.0308

Details

The YIQ color **172.9750, 53.8740, -7.1980** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **148.0250, -53.8740, 7.1980**, and the grayscale version is **173.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **221.6530, 42.9170, -12.3710**, and **119.5230, 49.3350, -7.5370** is the 20% darker color. If you saturate the color by 10%, you get **164.0100, 63.9610, -8.2870**, and if you desaturate by 10%, it is **181.9400, 43.7870, -6.1090**.

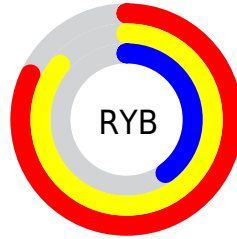
Distribution



Red (86%)

Green (64%)

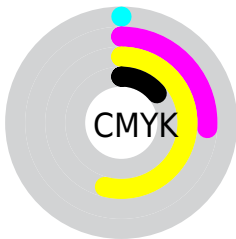
Blue (40%)



Red (82%)

Yellow (86%)

Blue (40%)

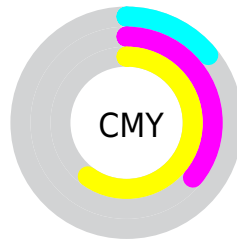


Cyan (0%)

Magenta (26%)

Yellow (54%)

Black (14%)



Cyan (14%)


Magenta (36%)

Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 172.9750, 53.8740, -7.1980 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 172.9750, 53.8740, -7.1980 by changing the saturation by 10% instead.


 172.9750, 53.8740,
-7.1980


 172.9750, 53.8740,
-7.1980


255.0000, -0.0000,
-0.0000


 146.1920, 51.7650,
-7.5230

 221.6530, 42.9170,
-12.3710


 119.5230, 49.3350,
-7.5370


 241.1670, 26.5500,
-18.6180


 94.3270, 46.9510,
-8.3850

 249.6420, 15.0870,
-14.6170

 69.4900, 44.9340,
-10.3780

 252.9480, 5.7780,
-5.5980

 47.9870, 36.4050,
-4.4830

 28.1740, 25.8130,
0.2530

 8.9700, 17.8800,

6.3600

■ 0.0000, 0.0000,
0.0000

■ 172.9750, 53.8740,
-7.1980

■ 172.9750, 53.8740,
-7.1980

■ 164.0100, 63.9610,
-8.2870

■ 181.9400, 43.7870,
-6.1090

■ 155.6320, 73.7730,
-9.8990

■ 190.3180, 33.9750,
-4.4970

■ 146.6670, 83.8600,
-10.9880

■ 199.2830, 23.8880,
-3.4080

■ 138.2890, 93.6720,
-12.6000

■ 207.6610, 14.0760,
-1.7960

■ 133.2850, 99.4950,
-13.5050

■ 216.6260, 3.9890,
-0.7070

■ 225.0040, -5.8230,
0.9050

■ 233.9690,
-15.9100, 1.9940

■ 239.8390,
-18.6600, -3.2360

■ 244.5350,
-20.8600, -7.4200

Harmonies

Analogous

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



174.9570, 63.4530, 11.9410



172.9750, 53.8740, -7.1980



169.5710, 31.0440, -22.9720

Triad

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



172.9750, 53.8740, -7.1980



135.7830, -113.6520, -43.8280



178.4990, -1.7020, 30.8580

Complementary

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



172.9750, 53.8740, -7.1980



148.0250, -53.8740, 7.1980

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.



171.6120, -44.9810, 16.7390



172.9750, 53.8740, -7.1980



138.1260, -124.3830, -31.0630

Square

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



172.9750, 53.8740, -7.1980



157.5570, -45.4300, -35.7180



154.2800, -94.6770, -7.7410



178.8700, 33.9220, 35.0260

Rectangle

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



172.9750, 53.8740, -7.1980



166.7470, 9.8170, -29.2470



154.2800, -94.6770, -7.7410



177.2630, -15.7770, 27.1270

Sweetspot

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



172.9750, 53.8740, -7.1980



238.5860, 18.6610, -2.2910



143.1930, 52.3060, 43.2660



118.1060, 11.3250, -1.4990



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.



172.9750, 53.8740, -7.1980



189.7030, 75.0110, -10.3090



205.8360, 37.0070, -37.4330



105.2240, 5.1810, -0.2830



104.5570, 78.3580, -10.3940



27.8420, 20.8160, -2.8000

Inverse Universe

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



148.0250, -53.8740, 7.1980



154.8840, -75.2860, 9.7860



115.1640, -37.0070, 37.4330



103.1890, -4.9060, 0.8060



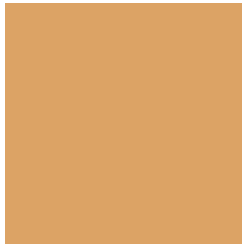
68.4430, -78.3580, 10.3940



18.1580, -20.8160, 2.8000

Previews

White Background



This preview shows how the YIQ color 172.9750, 53.8740, -7.1980 looks on a white background.

Color Contrast Check

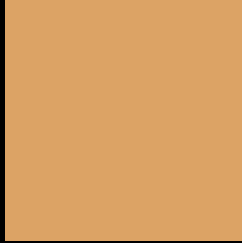
Large Text (above 18pt) WCAG AA × Fail

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 172.9750, 53.8740, -7.1980 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

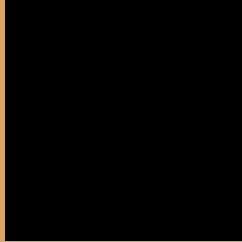
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 172.9750, 53.8740, -7.1980

Background



This preview shows how black text looks on a background with the YIQ color 172.9750, 53.8740, -7.1980.



This preview shows how white text looks on a background with the YIQ color 172.9750, 53.8740, -7.1980.

-7.1980.

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

172.9750, 53.8740, -7.1980

Protanopia

171.2170, 32.2810, -17.8550

Deuteranopia

172.2300, 48.6020, -10.7740



Tritanopia

177.2980, 37.8680, 18.5720

Trichromacy



Original Color

172.9750, 53.8740, -7.1980

Protanomaly

172.0440, 40.2580, -13.7420

Deuteranomaly

172.5400, 50.6650, -9.6150

Tritanomaly

175.7250, 43.5550, 9.1150

Monochromacy



Original Color

172.9750, 53.8740, -7.1980

Achromatopsia

173.0000, -0.0000, 0.0000

Achromatomaly

172.7710, 19.5780, -2.3900

CSS Examples

Text

The CSS property to change the color of the text to YIQ 172.9750, 53.8740, -7.1980 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(220, 163, 101)` looks like.

```
.text, #text, p{  
    color:rgb(220, 163, 101)  
}
```

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(220, 163, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 163, 101) }
```

Border

The CSS property to change the border of an element to YIQ 172.9750, 53.8740, -7.1980 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(220, 163, 101) }
```


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

```
.border{ border-color:rgb(220, 163, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 163, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 163, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 163, 101);  
box-shadow:4px 4px 4px 4px rgb(220, 163,  
101) }
```

Background

The CSS property to change the background color of an element to YIQ 172.9750, 53.8740, -7.1980 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 163, 101) }
```

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

```
.background{ background-color: rgb(220,  
163, 101) }
```

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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