

Converting Colors

YIQ(172.0800, 40.5770, -2.9990)

Have a look what the booklet for
YIQ(172.0800, 40.5770, -2.9990)
contains.

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Color

**YIQ(172.0800, 40.5770,
-2.9990)**

Conversions

Conversions Part 1

Format	Color
Hex	D1A37A
RGB	209, 163, 122
RGB Percent	82%, 64%, 48%
CMY	0.1803, 0.3608, 0.5214
CMYK	0.00, 0.22, 0.42, 0.18
HSL	28°, 49%, 65%
HSV	28°, 42%, 82%
XYZ	42.9102, 41.1523, 24.1099
YIQ	172.0800, 40.5770, -2.9990

Conversions

Conversions Part 2

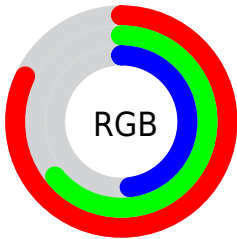
Format	Color
R_{YB}	209, 200, 122
Decimal	13738874
CIE _{Lab}	70.28, 11.66, 27.77
CIE _{LCh}	70, 30.116, 67.216
Yxy	41.1523, 0.3967, 0.3804
Android (android.graphics.Color)	4291928954 (0xFFD1A37A)
YUV	172.0800, -24.6894, 32.3788
Hunter-Lab	64.1500, 7.1367, 22.6217

Details

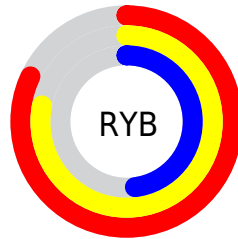
The YIQ color **172.0800, 40.5770, -2.9990** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **158.9200, -40.5770, 2.9990**, and the grayscale version is **172.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **224.1610, 35.8550, -5.5290**, and **119.2260, 37.2300, -2.9140** is the 20% darker color. If you saturate the color by 10%, you get **163.2290, 50.3430, -3.7770**, and if you desaturate by 10%, it is **180.9310, 30.8110, -2.2210**.

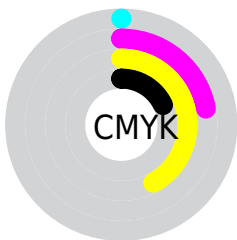
Distribution



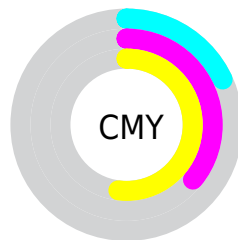
- Red (82%)
- Green (64%)
- Blue (48%)



- Red (82%)
- Yellow (78%)
- Blue (48%)



- Cyan (0%)
- Magenta (22%)
- Yellow (42%)
- Black (18%)





- Cyan (18%)
- Magenta (36%)
- Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 172.0800, 40.5770, -2.9990 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 172.0800, 40.5770, -2.9990 by changing the saturation by 10% instead.


 172.0800, 40.5770,
-2.9990


 172.0800, 40.5770,
-2.9990


255.0000, -0.0000,
-0.0000


 145.5960, 39.0640,
-3.1120


 224.1610, 35.8550,
-5.5290


 119.2260, 37.2300,
-2.9140


 243.6750, 19.4880,
-11.7760

 94.4430, 35.1210,
-3.2390

 252.2640, 7.7040,
-7.4640

 70.3610, 32.4160,
-3.7760

 46.3500, 30.9490,
-4.7230

 26.9780, 23.4290,
-0.5950

 7.4750, 14.9000,

5.3000

■ 0.0000, 0.0000,
0.0000

■ 172.0800, 40.5770,
-2.9990

■ 172.0800, 40.5770,
-2.9990

■ 163.2290, 50.3430,
-3.7770

■ 180.9310, 30.8110,
-2.2210

■ 154.3780, 60.1090,
-4.5550

■ 189.7820, 21.0450,
-1.4430

■ 145.5270, 69.8750,
-5.3330


■ 198.6330, 11.2790,
-0.6650


■ 136.6760, 79.6410,
-6.1110


■ 207.4840, 1.5130,
0.1130

■ 127.9390, 89.0860,
-6.5780


■ 216.3350, -8.2530,
0.8910

 120.0170, 97.6140,
-6.9460

 225.0720,
-17.6980, 1.3580

 232.4410,
-23.2910, -1.9070

 238.8980,
-26.3160, -7.6600

 241.2460,
-27.4160, -9.7520

Harmonies

Analogous

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



173.9210, 45.9390, 9.9630



172.0800, 40.5770, -2.9990



169.6170, 25.4030, -14.3490

Triad

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



172.0800, 40.5770, -2.9990



158.1670, -52.5390, -22.5150



174.6200, -3.9010, 21.1470

Complementary

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



172.0800, 40.5770, -2.9990



158.9200, -40.5770, 2.9990

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.



170.3820, -32.8300, 11.2820



172.0800, 40.5770, -2.9990



156.9670, -66.2950, -15.5030

Square

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



172.0800, 40.5770, -2.9990



162.4720, -25.7170, -24.0290



162.9610, -56.9900, -2.4140



175.9020, 21.7280, 24.7360

Rectangle

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



172.0800, 40.5770, -2.9990



167.8430, 9.9070, -19.8610



162.9610, -56.9900, -2.4140



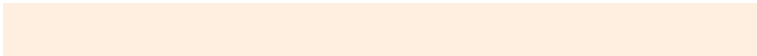
173.9500, -13.7580, 18.0660

Sweetspot

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



172.0800, 40.5770, -2.9990



242.0740, 14.3510, -1.2730



153.2570, 37.0860, 32.7500



120.0780, 8.5280, -0.3680



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.



172.0800, 40.5770, -2.9990



201.1930, 59.1920, -4.4560



197.3210, 28.7520, -25.4880



100.2240, 5.1810, -0.2830



96.6050, 78.4030, -5.7010



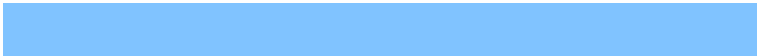
23.4120, 19.2110, -1.2450

Inverse Universe

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



158.9200, -40.5770, 2.9990



181.8070, -59.1920, 4.4560



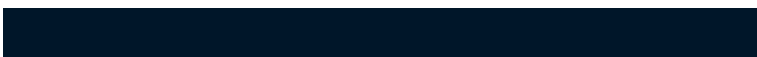
133.6790, -28.7520, 25.4880



98.7760, -5.1810, 0.2830



71.3950, -78.4030, 5.7010



17.5880, -19.2110, 1.2450

Previews

White Background



This preview shows how the YIQ color 172.0800, 40.5770, -2.9990 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 172.0800, 40.5770, -2.9990 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

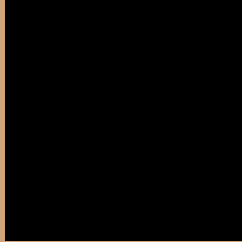
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 172.0800, 40.5770, -2.9990

Background



This preview shows how black text looks on a background with the YIQ color 172.0800, 40.5770, -2.9990.



This preview shows how white text looks on a background with the YIQ color 172.0800, 40.5770,

-2.9990.

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

172.0800, 40.5770, -2.9990

Protanopia

170.6430, 22.5140, -11.5500

Deuteranopia

172.0580, 37.6430, -4.8930



Tritanopia

175.4110, 30.1200, 15.8160

Trichromacy



Original Color

172.0800, 40.5770, -2.9990

Protanomaly

171.4590, 29.0240, -8.3840

Deuteranomaly

171.7700, 38.5140, -4.1580

Tritanomaly

174.0490, 33.8350, 9.0590

Monochromacy



Original Color

172.0800, 40.5770, -2.9990

Achromatopsia

172.0000, -0.0000, -0.0000

Achromatomaly

172.0740, 14.3510, -1.2730

CSS Examples

Text

The CSS property to change the color of the text to YIQ 172.0800, 40.5770, -2.9990 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(209, 163, 122)` looks like.

```
.text, #text, p{  
    color:rgb(209, 163, 122)  
}
```

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(209, 163, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 163, 122) }
```

Border

The CSS property to change the border of an element to YIQ 172.0800, 40.5770, -2.9990 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(209, 163, 122) }
```


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

```
.border{ border-color:rgb(209, 163, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 163, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 163, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 163, 122);  
box-shadow:4px 4px 4px 4px rgb(209, 163,  
122) }
```

Background

The CSS property to change the background color of an element to YIQ 172.0800, 40.5770, -2.9990 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 163, 122) }
```

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

```
.background{ background-color: rgb(209,  
163, 122) }
```

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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