

Converting Colors

YIQ(173.3080, 49.1030, 7.6870)

Have a look what the booklet for
YIQ(173.3080, 49.1030, 7.6870)
contains.

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Color

**YIQ(173.3080, 49.1030,
7.6870)**

Conversions

Conversions Part 1

Format	Color
Hex	E19B84
RGB	225, 155, 132
RGB Percent	88%, 61%, 52%
CMY	0.1175, 0.3922, 0.4821
CMYK	0.00, 0.31, 0.41, 0.12
HSL	15°, 61%, 70%
HSV	15°, 41%, 88%
XYZ	46.9485, 41.1141, 27.3106
YIQ	173.3080, 49.1030, 7.6870

Conversions

Conversions Part 2

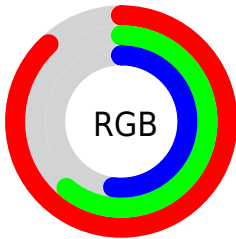
Format	Color
R _Y B	225, 163, 132
Decimal	14785412
CIE Lab	70.26, 23.45, 22.59
CIE LCh	70, 32.559, 43.924
Yxy	41.1141, 0.4069, 0.3564
Android (android.graphics.Color)	4292975492 (0xFFE19B84)
YUV	173.3080, -20.3648, 45.3339
Hunter-Lab	64.1203, 18.4861, 19.6309

Details

The YIQ color **173.3080, 49.1030, 7.6870** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **183.6920, -49.1030, -7.6870**, and the grayscale version is **173.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **220.6050, 34.8450, 1.7650**, and **119.7420, 44.8850, 7.0370** is the 20% darker color. If you saturate the color by 10%, you get **160.8210, 60.8400, 9.7360**, and if you desaturate by 10%, it is **185.9090, 37.0450, 5.9490**.

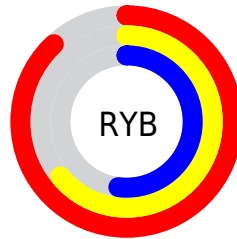
Distribution



Red (88%)

Green (61%)

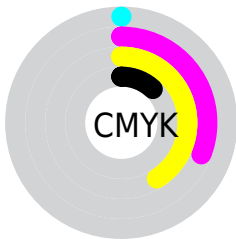
Blue (52%)



Red (88%)

Yellow (64%)

Blue (52%)

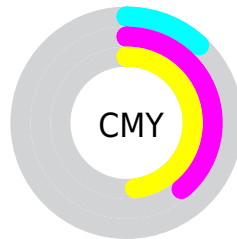


Cyan (0%)

Magenta (31%)

Yellow (41%)

Black (12%)



Cyan (12%)

Magenta (39%)

Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 173.3080, 49.1030, 7.6870 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 173.3080, 49.1030, 7.6870 by changing the saturation by 10% instead.

173.3080, 49.1030,
7.6870

173.3080, 49.1030,
7.6870

255.0000, -0.0000,
-0.0000

146.5250, 46.9940,
7.3620

220.6050, 34.8450,
1.7650

119.7420, 44.8850,
7.0370

240.2330, 18.1570,
-4.1710

94.6600, 42.1800,
6.5000

253.4040, 4.4940,
-4.3540

69.9910, 39.7500,
6.4860

46.6100, 36.4490,
5.7370

23.8100, 33.0100,
7.4900

11.4760, 22.3270,

8.3670

■ 0.0000, 0.0000,
0.0000

■ 173.3080, 49.1030,
7.6870

■ 173.3080, 49.1030,
7.6870

■ 160.8210, 60.8400,
9.7360

■ 185.9090, 37.0450,
5.9490

■ 148.2200, 72.8980,
11.4740

■ 198.3960, 25.3080,
3.9000

■ 135.7330, 84.6350,
13.5230

■ 210.9970, 13.2500,
2.1620

■ 123.1320, 96.6930,
15.2610

■ 223.4840, 1.5130,
0.1130

■ 110.6450,
108.4300, 17.3100

■ 236.0850,
-10.5450, -1.6250

■ 99.5600, 118.9750,
18.9350

■ 246.0300,
-17.8800, -6.3600

Harmonies

Analogous

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



175.2450, 45.3870, 19.9710



173.3080, 49.1030, 7.6870



170.9720, 40.7610, -6.3350

Triad

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



173.3080, 49.1030, 7.6870



160.2150, -35.2990, -26.5870



171.6430, -29.0710, 14.7450

Complementary

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



173.3080, 49.1030, 7.6870



183.6920, -49.1030, -7.6870

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.



163.3570, -58.0450, 0.1870



173.3080, 49.1030, 7.6870



155.0670, -64.0010, -24.0410

Square

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



173.3080, 49.1030, 7.6870



164.7810, -4.7180, -24.6380



155.4760, -75.0980, -15.6580



175.5500, 2.2880, 24.6240

Rectangle

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



173.3080, 49.1030, 7.6870



169.3570, 29.0710, -14.7450



155.4760, -75.0980, -15.6580



169.0330, -39.1570, 10.3070

Sweetspot

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



173.3080, 49.1030, 7.6870



237.9650, 16.2760, 2.3880



167.9010, 32.6370, 41.7970



117.7300, 9.6280, 1.7240



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.



173.3080, 49.1030, 7.6870



184.1700, 67.1670, 10.7110



199.7230, 36.7280, -15.8480



106.0500, 5.7310, 0.7630



77.8650, 93.0710, 14.8230



21.3960, 25.3080, 3.9000

Inverse Universe

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



183.6920, -49.1030, -7.6870



198.8300, -67.1670, -10.7110



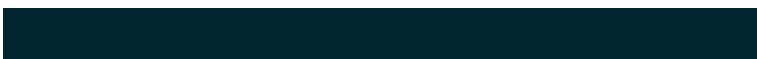
157.2770, -36.7280, 15.8480



106.9500, -5.7310, -0.7630



98.1350, -93.0710, -14.8230



27.1910, -25.5830, -4.4230

Previews

White Background



This preview shows how the YIQ color 173.3080, 49.1030, 7.6870 looks on a white background.

Color Contrast Check

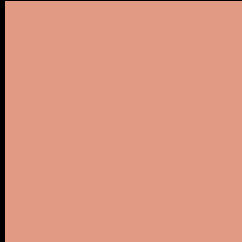
Large Text (above 18pt) WCAG AA × Fail

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 173.3080, 49.1030, 7.6870 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 173.3080, 49.1030, 7.6870

Background



This preview shows how black text looks on a background with the YIQ color 173.3080, 49.1030, 7.6870.



This preview shows how white text looks on a background with the YIQ color 173.3080, 49.1030,

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

173.3080, 49.1030, 7.6870

Protanopia

171.3420, 16.2320, -7.8320

Deuteranopia

172.3720, 33.8830, -2.8290



Tritanopia

175.2770, 42.3610, 19.7450

Trichromacy



Original Color

173.3080, 49.1030, 7.6870

Protanomaly

172.2620, 28.3810, -2.2350

Deuteranomaly

172.5300, 39.4300, 1.2700

Tritanomaly

174.3110, 45.0210, 15.5890

Monochromacy



Original Color

173.3080, 49.1030, 7.6870

Achromatopsia

173.0000, -0.0000, 0.0000

Achromatomaly

172.8620, 18.0640, 3.0240

CSS Examples

Text

The CSS property to change the color of the text to YIQ 173.3080, 49.1030, 7.6870 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(225, 155, 132)` looks like.

```
.text, #text, p{  
    color:rgb(225, 155, 132)  
}
```

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(225, 155, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 155, 132) }
```

Border

The CSS property to change the border of an element to YIQ 173.3080, 49.1030, 7.6870 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(225, 155, 132) }
```


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

```
.border{ border-color:rgb(225, 155, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 155, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 155, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 155, 132);  
box-shadow:4px 4px 4px 4px rgb(225, 155,  
132) }
```

Background

The CSS property to change the background color of an element to YIQ 173.3080, 49.1030, 7.6870 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 155, 132) }
```

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

```
.background{ background-color: rgb(225,  
155, 132) }
```

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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