

Converting Colors

YIQ(173.6780, 50.9370, 7.4890)

Have a look what the booklet for
YIQ(173.6780, 50.9370, 7.4890)
contains.

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Color

**YIQ(173.6780, 50.9370,
7.4890)**

Conversions

Conversions Part 1

Format	Color
Hex	E39B82
RGB	227, 155, 130
RGB Percent	89%, 61%, 51%
CMY	0.1096, 0.3923, 0.4900
CMYK	0.00, 0.32, 0.43, 0.11
HSL	15°, 63%, 70%
HSV	15°, 43%, 89%
XYZ	47.4404, 41.3832, 26.6263
YIQ	173.6780, 50.9370, 7.4890

Conversions

Conversions Part 2

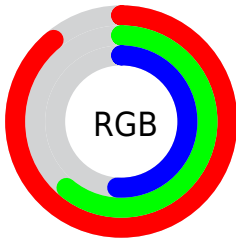
Format	Color
R _Y B	227, 164, 130
Decimal	14916482
CIE Lab	70.44, 24.02, 23.97
CIE LCh	70, 33.934, 44.946
Yxy	41.3832, 0.4109, 0.3585
Android (android.graphics.Color)	4293106562 (0xFFE39B82)
YUV	173.6780, -21.5333, 46.7634
Hunter-Lab	64.3298, 19.0590, 20.4905

Details

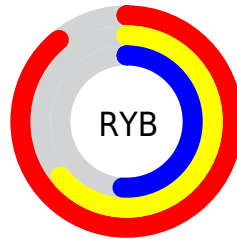
The YIQ color **173.6780, 50.9370, 7.4890** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **183.3220, -50.9370, -7.4890**, and the grayscale version is **174.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **220.3770, 35.4870, 1.1430**, and **120.1120, 46.7190, 6.8390** is the 20% darker color. If you saturate the color by 10%, you get **161.0770, 62.9950, 9.2270**, and if you desaturate by 10%, it is **186.2790, 38.8790, 5.7510**.

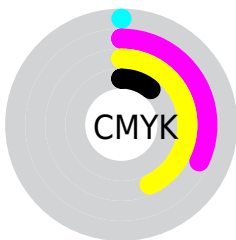
Distribution



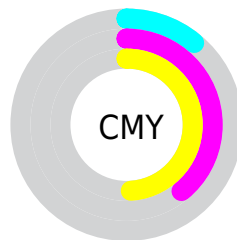
- Red (89%)
- Green (61%)
- Blue (51%)



- Red (89%)
- Yellow (64%)
- Blue (51%)



- Cyan (0%)
- Magenta (32%)
- Yellow (43%)
- Black (11%)



- Cyan (11%)
- Magenta (39%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 173.6780, 50.9370, 7.4890 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 173.6780, 50.9370, 7.4890 by changing the saturation by 10% instead.

173.6780, 50.9370,
7.4890

173.6780, 50.9370,
7.4890

255.0000, -0.0000,
-0.0000

146.8950, 48.8280,
7.1640

220.3770, 35.4870,
1.1430

120.2260, 46.3980,
7.1500

240.0050, 18.7990,
-4.7930

95.0300, 44.0140,
6.3020

253.1760, 5.1360,
-4.9760

70.3610, 41.5840,
6.2880

46.3930, 38.5580,
6.0620

23.5220, 33.8810,
8.2250

11.4760, 22.3270,

8.3670

■ 0.0000, 0.0000,
0.0000

■ 173.6780, 50.9370,
7.4890

■ 173.6780, 50.9370,
7.4890

■ 161.0770, 62.9950,
9.2270

■ 186.2790, 38.8790,
5.7510

■ 148.5900, 74.7320,
11.2760

■ 198.7660, 27.1420,
3.7020

■ 135.9890, 86.7900,
13.0140

■ 211.3670, 15.0840,
1.9640

■ 123.3880, 98.8480,
14.7520

■ 223.3810, 3.3010,
0.7490

■ 111.4880,
110.3100, 16.2780

■ 235.9820, -8.7570,
-0.9890

■ 101.9190,
119.3420, 17.7900

■ 246.6280,
-16.6880, -5.9360

Harmonies

Analogous

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



175.1420, 47.1750, 20.6070



173.6780, 50.9370, 7.4890



171.6300, 41.7240, -7.2680

Triad

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



173.6780, 50.9370, 7.4890



159.7200, -38.2790, -27.6470



172.2840, -29.4380, 15.8900

Complementary

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



173.6780, 50.9370, 7.4890



183.3220, -50.9370, -7.4890

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.



163.3890, -61.0710, -0.0390



173.6780, 50.9370, 7.4890



153.7890, -69.0900, -25.4260

Square

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



173.6780, 50.9370, 7.4890



164.7700, -6.1850, -25.5850



153.7250, -80.2330, -16.2090



176.5610, 3.7550, 25.5710

Rectangle

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



173.6780, 50.9370, 7.4890



169.7160, 29.4380, -15.8900



153.7250, -80.2330, -16.2090



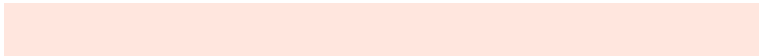
169.9620, -40.3950, 10.7170

Sweetspot

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



173.6780, 50.9370, 7.4890



236.5630, 17.4680, 2.8120



167.3250, 34.3790, 43.2670



116.2140, 11.1410, 1.8370



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.



173.6780, 50.9370, 7.4890



183.2410, 68.4050, 10.3010



201.8540, 37.7370, -17.6150



108.3490, 6.3270, 0.9750



80.5230, 94.0340, 13.8900



22.8800, 26.8210, 4.0130

Inverse Universe

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



183.3220, -50.9370, -7.4890



196.7590, -68.4050, -10.3010



155.1460, -37.7370, 17.6150



109.6510, -6.3270, -0.9750



98.4770, -94.0340, -13.8900



28.1200, -26.8210, -4.0130

Previews

White Background



This preview shows how the YIQ color 173.6780, 50.9370, 7.4890 looks on a white background.

Color Contrast Check

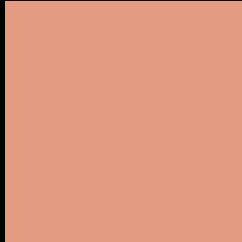
Large Text (above 18pt) WCAG AA × Fail

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 173.6780, 50.9370, 7.4890 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 173.6780, 50.9370, 7.4890

Background



This preview shows how black text looks on a background with the YIQ color 173.6780, 50.9370, 7.4890.



This preview shows how white text looks on a background with the YIQ color 173.6780, 50.9370,

7.4890.

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

173.6780, 50.9370, 7.4890

Protanopia

171.4130, 17.4700, -8.2420

Deuteranopia

173.0300, 34.8460, -3.7620



Tritanopia

175.2880, 43.8280, 20.6920

Trichromacy



Original Color

173.6780, 50.9370, 7.4890

Protanomaly

172.3330, 29.6190, -2.6450

Deuteranomaly

173.1880, 40.3930, 0.3370

Tritanomaly

174.7950, 46.5340, 15.7020

Monochromacy



Original Color

173.6780, 50.9370, 7.4890

Achromatopsia

174.0000, -0.0000, -0.0000

Achromatomaly

173.7480, 18.3850, 2.7130

CSS Examples

Text

The CSS property to change the color of the text to YIQ 173.6780, 50.9370, 7.4890 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(227, 155, 130)` looks like.

```
.text, #text, p{  
    color:rgb(227, 155, 130)  
}
```

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(227, 155, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 155, 130) }
```

Border

The CSS property to change the border of an element to YIQ 173.6780, 50.9370, 7.4890 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(227, 155, 130) }
```


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

```
.border{ border-color:rgb(227, 155, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 155, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 155, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 155, 130);  
box-shadow:4px 4px 4px 4px rgb(227, 155,  
130) }
```

Background

The CSS property to change the background color of an element to YIQ 173.6780, 50.9370, 7.4890 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 155, 130) }
```

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

```
.background{ background-color: rgb(227,  
155, 130) }
```

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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