

Converting Colors

YIQ(172.9370, 13.4790, 3.5190)

Have a look what the booklet for
YIQ(172.9370, 13.4790, 3.5190)
contains.

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Color

**YIQ(172.9370, 13.4790,
3.5190)**

Conversions

Conversions Part 1

Format	Color
Hex	BCA7A4
RGB	188, 167, 164
RGB Percent	74%, 65%, 64%
CMY	0.2627, 0.3451, 0.3568
CMYK	0.00, 0.11, 0.13, 0.26
HSL	7°, 15%, 69%
HSV	7°, 13%, 74%
XYZ	41.2613, 41.0080, 40.8693
YIQ	172.9370, 13.4790, 3.5190

Conversions

Conversions Part 2

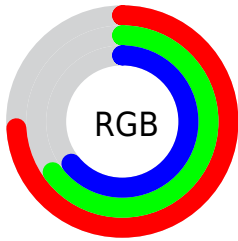
Format	Color
RYB	188, 167, 164
Decimal	12363684
CIELab	70.18, 7.12, 4.32
CIELCh	70, 8.327, 31.240
Yxy	41.0080, 0.3351, 0.3330
Android (android.graphics.Color)	4290553764 (0xFFBCA7A4)
YUV	172.9370, -4.4059, 13.2103
Hunter-Lab	64.0375, 2.9474, 6.9868

Details

The YIQ color **172.9370, 13.4790, 3.5190** is a light color, and the websafe version is hex **999999**. A complement of this color would be **179.0630, -13.4790, -3.5190**, and the grayscale version is **173.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **228.2360, 14.0750, 3.7310**, and **120.6380, 12.8830, 3.3070** is the 20% darker color. If you saturate the color by 10%, you get **161.3790, 23.9780, 5.9780**, and if you desaturate by 10%, it is **184.4950, 2.9800, 1.0600**.

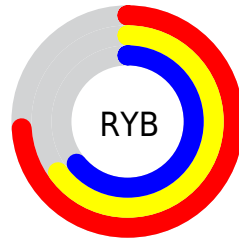
Distribution



Red (74%)

Green (65%)

Blue (64%)



Red (74%)

Yellow (65%)

Blue (64%)

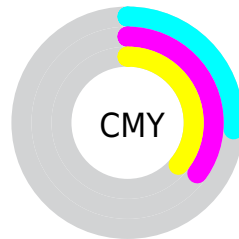


Cyan (0%)

Magenta (11%)

Yellow (13%)

Black (26%)



Cyan (26%)

Magenta (35%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 172.9370, 13.4790, 3.5190 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 172.9370, 13.4790, 3.5190 by changing the saturation by 10% instead.

■ 172.9370, 13.4790,
3.5190

■ 172.9370, 13.4790,
3.5190

255.0000, -0.0000,
-0.0000

■ 146.6380, 12.8830,
3.3070

■ 228.2360, 14.0750,
3.7310

■ 120.6380, 12.8830,
3.3070

■ 251.7400, 3.6680,
-0.3960

■ 96.0400, 11.6910,
2.8830

■ 72.1540, 11.3700,
3.1940

■ 49.5560, 10.1780,
2.7700

■ 28.2570, 9.5820,
2.5580

■ 5.3820, 10.7280,

3.8160

■ 0.0000, 0.0000,
0.0000

■ 172.9370, 13.4790,
3.5190

■ 172.9370, 13.4790,
3.5190

■ 161.3790, 23.9780,
5.9780

■ 184.4950, 2.9800,
1.0600

■ 149.2340, 34.7520,
8.9600

■ 196.6400, -7.7940,
-1.9220

■ 137.7900, 44.9300,
11.7300

■ 208.0840,
-17.9720, -4.6920

■ 125.6450, 55.7040,
14.7120

■ 220.2290,
-28.7460, -7.6740

■ 114.0870, 66.2030,
17.1710

■ 231.4450,
-38.2820, -11.0660

■ 101.9420, 76.9770,
20.1530

■ 234.9670,
-39.9320, -14.2040

■ 90.3840, 87.4760,
22.6120

■ 78.3530, 97.9290,
25.9050

■ 69.7130, 105.7230,
27.8270

Harmonies

Analogous

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



173.4360, 10.6360, 5.4840



172.9370, 13.4790, 3.5190



172.6440, 12.7460, 0.2820

Triad

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



172.9370, 13.4790, 3.5190



169.5600, -4.8130, -6.3890



171.2040, -9.2620, 2.6580

Complementary

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



172.9370, 13.4790, 3.5190



179.0630, -13.4790, -3.5190

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.



170.1710, -13.6630, -0.1830



172.9370, 13.4790, 3.5190



169.2650, -11.2320, -5.6960

Square

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



172.9370, 13.4790, 3.5190



170.7950, 1.8350, -5.7250



169.4650, -14.6710, -3.9430



172.7920, -2.1100, 5.2020

Rectangle

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



172.9370, 13.4790, 3.5190



171.5080, 10.1330, -1.9230



169.4650, -14.6710, -3.9430



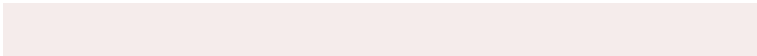
170.8940, -11.3250, 1.4990

Sweetspot

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



172.9370, 13.4790, 3.5190



238.5770, 5.6850, 1.5970



173.5700, 7.5630, 11.6190



118.3810, 3.3010, 0.7490



250.0000, 0.0000, 0.0000



122.0000, 0.0000, -0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



172.9370, 13.4790, 3.5190



221.9980, 20.6770, 5.2290



179.9810, 10.1790, -2.7570



88.2780, 5.0890, 1.3850



58.9820, 88.6680, 23.0360



11.6170, 17.3760, 4.4800

Inverse Universe

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



179.0630, -13.4790, -3.5190



231.0020, -20.6770, -5.2290



172.0190, -10.1790, 2.7570



90.7220, -5.0890, -1.3850



99.0180, -88.6680, -23.0360



19.3830, -17.3760, -4.4800

Previews

White Background



This preview shows how the YIQ color 172.9370, 13.4790, 3.5190 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 172.9370, 13.4790, 3.5190 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

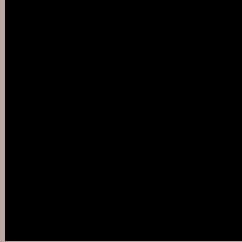
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 172.9370, 13.4790, 3.5190

Background



This preview shows how black text looks on a background with the YIQ color 172.9370, 13.4790, 3.5190.



This preview shows how white text looks on a background with the YIQ color 172.9370, 13.4790,

3.5190.

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

172.9370, 13.4790, 3.5190

Protanopia

171.9250, 4.5850, -0.4950

Deuteranopia

173.2470, 15.5420, 4.6780



Tritanopia

173.9570, 10.7270, 9.3430

Trichromacy



Original Color

172.9370, 13.4790, 3.5190

Protanomaly

172.4200, 7.5650, 0.5650

Deuteranomaly

172.9480, 14.9460, 4.4660

Tritanomaly

173.6750, 11.4610, 7.0530

Monochromacy



Original Color

172.9370, 13.4790, 3.5190

Achromatopsia

173.0000, -0.0000, 0.0000

Achromatomaly

172.9790, 4.4930, 1.1730

CSS Examples

Text

The CSS property to change the color of the text to YIQ 172.9370, 13.4790, 3.5190 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(188, 167, 164)` looks like.

```
.text, #text, p{  
    color:rgb(188, 167, 164)  
}
```

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(188, 167, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 167, 164) }
```

Border

The CSS property to change the border of an element to YIQ 172.9370, 13.4790, 3.5190 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(188, 167, 164) }
```


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

```
.border{ border-color:rgb(188, 167, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 167, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 167, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 167, 164);  
box-shadow:4px 4px 4px 4px rgb(188, 167,  
164) }
```

Background

The CSS property to change the background color of an element to YIQ 172.9370, 13.4790, 3.5190 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 167, 164) }
```

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

```
.background{ background-color: rgb(188,  
167, 164) }
```

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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