

Converting Colors

YIQ(173.8940, 15.0380, 2.7980)

Have a look what the booklet for
YIQ(173.8940, 15.0380, 2.7980)
contains.

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Color

**YIQ(173.8940, 15.0380,
2.7980)**

Conversions

Conversions Part 1

Format	Color
Hex	BEA8A2
RGB	190, 168, 162
RGB Percent	75%, 66%, 64%
CMY	0.2549, 0.3412, 0.3646
CMYK	0.00, 0.12, 0.15, 0.25
HSL	13°, 18%, 69%
HSV	13°, 15%, 75%
XYZ	41.7623, 41.5598, 40.0108
YIQ	173.8940, 15.0380, 2.7980

Conversions

Conversions Part 2

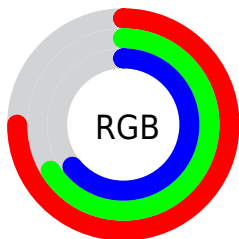
Format	Color
R_{YB}	190, 170, 162
Decimal	12495010
CIE Lab	70.57, 6.99, 6.00
CIE LCh	71, 9.210, 40.652
Yxy	41.5598, 0.3386, 0.3370
Android (android.graphics.Color)	4290685090 (0xFFBEA8A2)
YUV	173.8940, -5.8637, 14.1250
Hunter-Lab	64.4669, 2.8169, 8.3290

Details

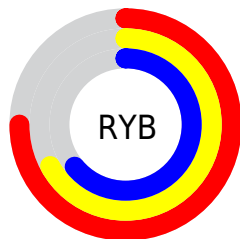
The YIQ color **173.8940, 15.0380, 2.7980** is a light color, and the websafe version is hex **999999**. A complement of this color would be **178.1060, -15.0380, -2.7980**, and the grayscale version is **174.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **229.1930, 15.6340, 3.0100**, and **121.2960, 13.8460, 2.3740** is the 20% darker color. If you saturate the color by 10%, you get **162.9230, 25.2620, 4.7340**, and if you desaturate by 10%, it is **184.8650, 4.8140, 0.8620**.

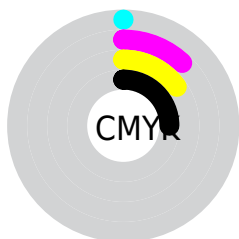
Distribution



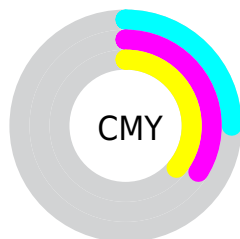
- Red (75%)
- Green (66%)
- Blue (64%)



- Red (75%)
- Yellow (67%)
- Blue (64%)



- Cyan (0%)
- Magenta (12%)
- Yellow (15%)
- Black (25%)





- Cyan (25%)
- Magenta (34%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 173.8940, 15.0380, 2.7980 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 173.8940, 15.0380, 2.7980 by changing the saturation by 10% instead.


 173.8940, 15.0380,
2.7980


 173.8940, 15.0380,
2.7980


255.0000, -0.0000,
-0.0000


 147.5950, 14.4420,
2.5860


 229.4920, 16.2300,
3.2220


 121.2960, 13.8460,
2.3740

 252.0990, 4.0350,
-1.5410

 96.4100, 13.5250,
2.6850

 72.8120, 12.3330,
2.2610

 50.5130, 11.7370,
2.0490

 29.0290, 10.2240,
1.9360

 5.6810, 11.3240,

4.0280

0.0000, 0.0000,
0.0000

173.8940, 15.0380,
2.7980

173.8940, 15.0380,
2.7980

162.9230, 25.2620,
4.7340

184.8650, 4.8140,
0.8620

151.9520, 35.4860,
6.6700

195.8360, -5.4100,
-1.0740

140.9810, 45.7100,
8.6060

206.8070,
-15.6340, -3.0100

130.0100, 55.9340,
10.5420

217.7780,
-25.8580, -4.9460

119.0390, 66.1580,
12.4780

228.5210,
-35.4400, -7.5040

■ 108.0680, 76.3820,
14.4140

■ 235.5650,
-38.7400, -13.7800

■ 97.0970, 86.6060,
16.3500

■ 86.1260, 96.8300,
18.2860

■ 80.8770, 101.9650,
18.8370

Harmonies

Analogous

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



174.5180, 13.3410, 6.0210



173.8940, 15.0380, 2.7980



173.0030, 13.1130, -0.8630

Triad

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



173.8940, 15.0380, 2.7980



170.1790, -8.1140, -7.1380



172.7420, -7.8410, 4.4390

Complementary

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



173.8940, 15.0380, 2.7980



178.1060, -15.0380, -2.7980

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.



171.3990, -14.3050, 0.4390



173.8940, 15.0380, 2.7980



170.1830, -13.9370, -6.2330

Square

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



173.8940, 15.0380, 2.7980



170.8980, 0.0470, -6.3610



170.5080, -16.2300, -3.2220



174.1020, -0.0470, 6.3610

Rectangle

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



173.8940, 15.0380, 2.7980



172.5680, 9.9040, -3.2800



170.5080, -16.2300, -3.2220



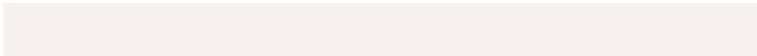
172.1330, -10.5000, 3.0680

Sweetspot

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



173.8940, 15.0380, 2.7980



241.7510, 5.1350, 0.5510



172.8800, 9.6260, 12.7780



121.3810, 3.3010, 0.7490



252.0000, 0.0000, 0.0000



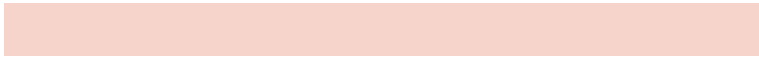
125.0000, 0.0000, 0.0000

Same Dimension

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



173.8940, 15.0380, 2.7980



221.4390, 23.7490, 4.6210



182.1120, 11.1880, -4.5240



88.8650, 4.8140, 0.8620



67.2000, 84.8180, 15.7140



13.3780, 16.5510, 2.9110

Inverse Universe

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



178.1060, -15.0380, -2.7980



228.5610, -23.7490, -4.6210



169.8880, -11.1880, 4.5240



90.1350, -4.8140, -0.8620



90.8000, -84.8180, -15.7140



17.6220, -16.5510, -2.9110

Previews

White Background



This preview shows how the YIQ color 173.8940, 15.0380, 2.7980 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 173.8940, 15.0380, 2.7980 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

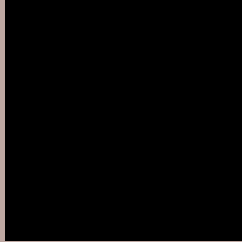
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 173.8940, 15.0380, 2.7980

Background



This preview shows how black text looks on a background with the YIQ color 173.8940, 15.0380, 2.7980.



This preview shows how white text looks on a background with the YIQ color 173.8940, 15.0380,

2.7980.

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

173.8940, 15.0380, 2.7980

Protanopia

172.8820, 6.1440, -1.2160

Deuteranopia

174.2040, 17.1010, 3.9570



Tritanopia

174.5550, 11.9190, 9.7670

Trichromacy



Original Color

173.8940, 15.0380, 2.7980

Protanomaly

173.3770, 9.1240, -0.1560

Deuteranomaly

173.9050, 16.5050, 3.7450

Tritanomaly

174.1590, 12.9740, 7.1660

Monochromacy



Original Color

173.8940, 15.0380, 2.7980

Achromatopsia

174.0000, -0.0000, -0.0000

Achromatomaly

174.1640, 5.4100, 1.0740

CSS Examples

Text

The CSS property to change the color of the text to YIQ 173.8940, 15.0380, 2.7980 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(190, 168, 162)` looks like.

```
.text, #text, p{  
    color:rgb(190, 168, 162)  
}
```

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(190, 168, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 168, 162) }
```

Border

The CSS property to change the border of an element to YIQ 173.8940, 15.0380, 2.7980 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(190, 168, 162) }
```


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

```
.border{ border-color:rgb(190, 168, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 168, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(190, 168, 162); -webkit-box-shadow:4px 4px 4px 4px rgb(190, 168, 162); box-shadow:4px 4px 4px 4px rgb(190, 168, 162) }
```

Background

The CSS property to change the background color of an element to YIQ 173.8940, 15.0380, 2.7980 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 168, 162) }
```

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

```
.background{ background-color: rgb(190,  
168, 162) }
```

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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