

Converting Colors

YIQ(170.0800, 14.2140, -4.2980)

Have a look what the booklet for
YIQ(170.0800, 14.2140, -4.2980)
contains.

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Color

**YIQ(170.0800, 14.2140,
-4.2980)**

Conversions

Conversions Part 1

Format	Color
Hex	B5A993
RGB	181, 169, 147
RGB Percent	71%, 66%, 58%
CMY	0.2902, 0.3373, 0.4235
CMYK	0.00, 0.07, 0.19, 0.29
HSL	39°, 19%, 64%
HSV	39°, 19%, 71%
XYZ	38.5119, 40.3054, 33.3614
YIQ	170.0800, 14.2140, -4.2980

Conversions

Conversions Part 2

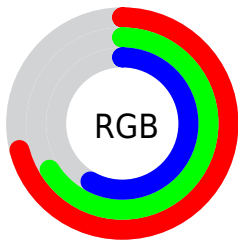
Format	Color
R _Y B	166, 181, 147
Decimal	11905427
CIE Lab	69.69, 0.65, 12.90
CIE LCh	70, 12.920, 87.114
Yxy	40.3054, 0.3433, 0.3593
Android (android.graphics.Color)	4290095507 (0xFFB5A993)
YUV	170.0800, -11.3784, 9.5768
Hunter-Lab	63.4866, -2.8207, 13.2844

Details

The YIQ color **170.0800, 14.2140, -4.2980** is a light color, and the websafe version is hex **999999**. A complement of this color would be **157.9200, -14.2140, 4.2980**, and the grayscale version is **170.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **225.2650, 15.1310, -4.3970**, and **117.8950, 13.2970, -4.1990** is the 20% darker color. If you saturate the color by 10%, you get **164.5060, 21.6420, -6.7580**, and if you desaturate by 10%, it is **175.6540, 6.7860, -1.8380**.

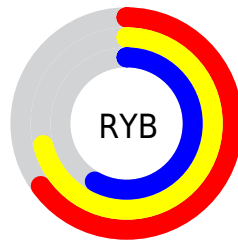
Distribution



Red (71%)

Green (66%)

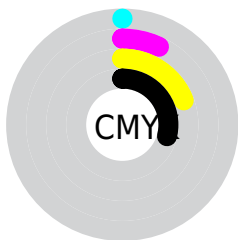
Blue (58%)



Red (65%)

Yellow (71%)

Blue (58%)

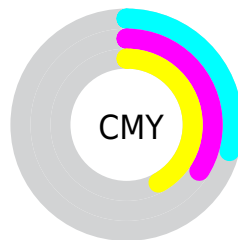


Cyan (0%)

Magenta (7%)

Yellow (19%)

Black (29%)



Cyan (29%)


Magenta (34%)


Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 170.0800, 14.2140, -4.2980 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 170.0800, 14.2140, -4.2980 by changing the saturation by 10% instead.


 170.0800, 14.2140,
-4.2980


 170.0800, 14.2140,
-4.2980


255.0000, -0.0000,
-0.0000


 143.7810, 13.6180,
-4.5100


 225.2650, 15.1310,
-4.3970


 117.8950, 13.2970,
-4.1990

 250.8620, 8.8960,
-7.0400

 93.1230, 12.6550,
-3.5770

 69.5250, 11.4630,
-4.0010

 47.3400, 10.5460,
-3.9020

 25.8840, 11.8300,
-5.1460

 0.0000, 0.0000,

0.0000

■ 170.0800, 14.2140,
-4.2980

■ 170.0800, 14.2140,
-4.2980

■ 164.5060, 21.6420,
-6.7580

■ 175.6540, 6.7860,
-1.8380

■ 158.3450, 29.3450,
-8.6950

■ 181.8150, -0.9170,
0.0990

■ 152.7710, 36.7730,
-11.1550

■ 187.3890, -8.3450,
2.5590

■ 146.6100, 44.4760,
-13.0920

■ 193.5500,
-16.0480, 4.4960

■ 141.0360, 51.9040,
-15.5520

■ 199.2380,
-23.7970, 7.2670

■ 135.3480, 59.6530,
-18.3230

■ 204.6980,
-30.9040, 9.4160

■ 129.1870, 67.3560,
-20.2600

■ 208.8070,
-32.8290, 5.7550

■ 123.6130, 74.7840,
-22.7200

■ 212.3290,
-34.4790, 2.6170

■ 122.7980, 75.7010,
-22.8190

■ 216.4380,
-36.4040, -1.0440

Harmonies

Analogous

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



171.1780, 19.9900, 1.1580



170.0800, 14.2140, -4.2980



168.7690, 4.7240, -8.5240

Triad

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



170.0800, 14.2140, -4.2980



166.2790, -23.0150, -6.9110



172.4450, 6.4170, 10.3610

Complementary

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



170.0800, 14.2140, -4.2980



157.9200, -14.2140, 4.2980

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.



171.5190, -5.5950, 7.7890



170.0800, 14.2140, -4.2980



167.6260, -22.3740, -2.0060

Square

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



170.0800, 14.2140, -4.2980



166.2210, -17.1000, -9.4840



169.6100, -16.2770, 3.1390



172.4090, 15.2660, 9.6820

Rectangle

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



170.0800, 14.2140, -4.2980



167.8220, -2.7950, -9.9230



169.6100, -16.2770, 3.1390



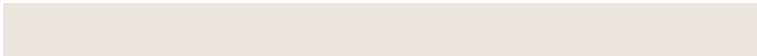
172.1780, 2.7950, 9.9230

Sweetspot

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



170.0800, 14.2140, -4.2980



230.4690, 5.8690, -1.7390



158.5340, 16.4120, 10.9400



114.3270, 3.3930, -0.9190



245.0000, -0.0000, 0.0000



117.0000, -0.0000, 0.0000

Same Dimension

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



170.0800, 14.2140, -4.2980



217.6910, 22.5590, -6.8570



175.6290, 7.9340, -11.6340



86.2130, 3.7140, -1.2300



103.8600, 63.9630, -19.3410



17.1660, 11.0960, -2.8560

Inverse Universe

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



157.9200, -14.2140, 4.2980



198.3090, -22.5590, 6.8570



152.3710, -7.9340, 11.6340



82.7870, -3.7140, 1.2300



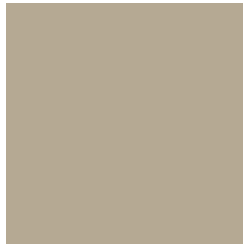
49.1400, -63.9630, 19.3410



8.2470, -10.8210, 3.3790

Previews

White Background



This preview shows how the YIQ color 170.0800, 14.2140, -4.2980 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 170.0800, 14.2140, -4.2980 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

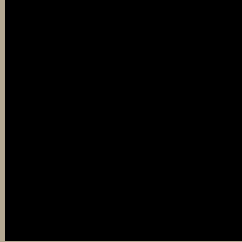
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 170.0800, 14.2140, -4.2980

Background



This preview shows how black text looks on a background with the YIQ color 170.0800, 14.2140, -4.2980.



This preview shows how white text looks on a background with the YIQ color 170.0800, 14.2140,

-4.2980.

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

170.0800, 14.2140, -4.2980

Protanopia

170.0690, 12.7470, -5.2450

Deuteranopia

171.4450, 23.6120, 1.5960



Tritanopia

172.4620, 7.7470, 8.2830

Trichromacy



Original Color

170.0800, 14.2140, -4.2980

Protanomaly

170.3680, 13.3430, -5.0330

Deuteranomaly

171.1240, 20.0820, -0.5100

Tritanomaly

171.4960, 10.4070, 4.1270

Monochromacy



Original Color

170.0800, 14.2140, -4.2980

Achromatopsia

170.0000, -0.0000, 0.0000

Achromatomaly

170.2840, 4.9520, -1.6400

CSS Examples

Text

The CSS property to change the color of the text to YIQ 170.0800, 14.2140, -4.2980 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(181, 169, 147)` looks like.

```
.text, #text, p{  
    color:rgb(181, 169, 147)  
}
```

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(181, 169, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 169, 147) }
```

Border

The CSS property to change the border of an element to YIQ 170.0800, 14.2140, -4.2980 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(181, 169, 147) }
```


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

```
.border{ border-color:rgb(181, 169, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 169, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(181, 169, 147); -webkit-box-shadow:4px 4px 4px 4px rgb(181, 169, 147); box-shadow:4px 4px 4px 4px rgb(181, 169, 147) }
```

Background

The CSS property to change the background color of an element to YIQ 170.0800, 14.2140, -4.2980 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 169, 147) }
```

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

```
.background{ background-color: rgb(181,  
169, 147) }
```

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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