

Converting Colors

YIQ(99.9720, 14.3980, -7.6340)

Have a look what the booklet for
YIQ(99.9720, 14.3980, -7.6340)
contains.

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Color

**YIQ(99.9720, 14.3980,
-7.6340)**

Conversions

Conversions Part 1

Format	Color
Hex	6D6547
RGB	109, 101, 71
RGB Percent	43%, 40%, 28%
CMY	0.5725, 0.6039, 0.7215
CMYK	0.00, 0.07, 0.35, 0.57
HSL	47°, 21%, 35%
HSV	47°, 35%, 43%
XYZ	12.0980, 13.0131, 7.8388
YIQ	99.9720, 14.3980, -7.6340

Conversions

Conversions Part 2

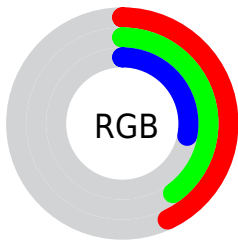
Format	Color
R_{YB}	81, 109, 71
Decimal	7169351
CIE Lab	42.78, -1.86, 18.15
CIE LCh	43, 18.244, 95.855
Yxy	13.0131, 0.3672, 0.3949
Android (android.graphics.Color)	4285359431 (0xFF6D6547)
YUV	99.9720, -14.2832, 7.9176
Hunter-Lab	36.0737, -3.2654, 12.3678

Details

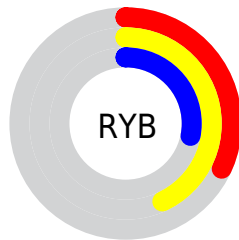
The YIQ color **99.9720, 14.3980, -7.6340** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **80.0280, -14.3980, 7.6340**, and the grayscale version is **100.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **151.0430, 15.6360, -8.0440**, and **53.0150, 12.8390, -6.9130** is the 20% darker color. If you saturate the color by 10%, you get **97.5440, 18.4790, -10.0090**, and if you desaturate by 10%, it is **102.4000, 10.3170, -5.2590**.

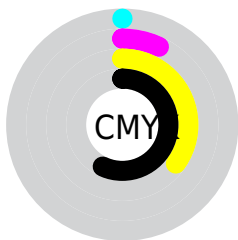
Distribution



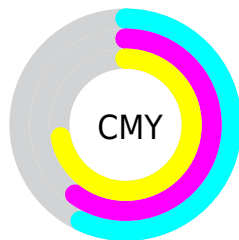
- Red (43%)
- Green (40%)
- Blue (28%)



- Red (32%)
- Yellow (43%)
- Blue (28%)



- Cyan (0%)
- Magenta (7%)
- Yellow (35%)
- Black (57%)



- Cyan (57%)
- Magenta (60%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 99.9720, 14.3980, -7.6340 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 99.9720, 14.3980, -7.6340 by changing the saturation by 10% instead.

■ 99.9720, 14.3980,
-7.6340

■ 99.9720, 14.3980,
-7.6340

■ 255.0000, -0.0000,
-0.0000

■ 75.7870, 13.4810,
-7.5350

■ 151.0430, 15.6360,
-8.0440

■ 53.0150, 12.8390,
-6.9130

■ 177.9290, 15.9570,
-8.3550

■ 31.2600, 13.5270,
-8.3690

■ 205.1140, 16.8740,
-8.4540

■ 9.7460, 3.5310,
-3.4210

■ 233.2990, 17.7910,
-8.5530

■ 0.0000, 0.0000,
0.0000

■ 251.9220, 8.6670,
-8.3970

■ 99.9720, 14.3980,
-7.6340

■ 99.9720, 14.3980,
-7.6340

■ 97.5440, 18.4790,
-10.0090

■ 102.4000, 10.3170,
-5.2590

■ 94.5290, 22.8350,
-11.8610

■ 105.4150, 5.9610,
-3.4070

■ 92.1010, 26.9160,
-14.2360

■ 107.8430, 1.8800,
-1.0320

■ 89.6730, 30.9970,
-16.6110

■ 110.2710, -2.2010,
1.3430

■ 87.3590, 34.7570,
-18.6750

■ 112.6990, -6.2820,
3.7180

■ 84.3440, 39.1130,
-20.5270

■ 115.6000,
-10.3170, 5.2590

■ 83.0730, 41.3140,
-21.8700

■ 118.0280,
-14.3980, 7.6340

■ 120.4560,

-18.4790, 10.0090

■ 123.4710,
-22.8350, 11.8610

Harmonies

Analogous

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



101.2660, 22.5580, -1.3300



99.9720, 14.3980, -7.6340



97.8070, 1.5610, -11.7750

Triad

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



99.9720, 14.3980, -7.6340



94.1790, -34.4770, -8.4370



103.7770, 11.4140, 13.4140

Complementary

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



99.9720, 14.3980, -7.6340



80.0280, -14.3980, 7.6340

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.



102.5950, -2.7530, 11.3510



99.9720, 14.3980, -7.6340



96.5480, -30.9020, -1.6380

Square

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



99.9720, 14.3980, -7.6340



94.6650, -27.2780, -12.2540



99.9350, -18.5700, 6.1500



103.2850, 21.5470, 11.4910

Rectangle

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



99.9720, 14.3980, -7.6340



97.1910, -8.3880, -13.1880



99.9350, -18.5700, 6.1500



103.3250, 6.8750, 13.0750

Sweetspot

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



99.9720, 14.3980, -7.6340



139.6430, 5.3190, -2.7850



83.2740, 20.0800, 10.5440



69.5010, 2.8430, -1.9650



199.0000, -0.0000, 0.0000



71.0000, -0.0000, -0.0000

Same Dimension

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



99.9720, 14.3980, -7.6340



128.5290, 22.8350, -11.8610



101.3790, 5.6420, -14.1500



52.1420, 2.4760, -0.8200



89.5740, 44.1570, -23.8350



186.5460, 92.9450, -48.9990

Inverse Universe

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



80.0280, -14.3980, 7.6340



96.8840, -22.5600, 12.3840



78.6210, -5.6420, 14.1500



49.2710, -2.2010, 1.3430



28.0130, -44.4320, 23.3120



58.4540, -92.9450, 48.9990

Previews

White Background



This preview shows how the YIQ color 99.9720, 14.3980, -7.6340 looks on a white 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 × Fail

Black Background



This preview shows how the YIQ color 99.9720, 14.3980, -7.6340 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

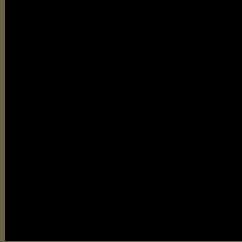
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 99.9720, 14.3980, -7.6340

Background



This preview shows how black text looks on a background with the YIQ color 99.9720, 14.3980, -7.6340.



This preview shows how white text looks on a background with the YIQ color 99.9720, 14.3980,

-7.6340.

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

99.9720, 14.3980, -7.6340

Protanopia

99.9720, 14.3980, -7.6340

Deuteranopia

101.0270, 21.7330, -2.8990



Tritanopia

102.5820, 7.2890, 5.5690

Trichromacy



Original Color

99.9720, 14.3980, -7.6340

Protanomaly

99.9720, 14.3980, -7.6340

Deuteranomaly

100.4180, 19.0740, -4.2700

Tritanomaly

101.5020, 10.2700, 1.1020

Monochromacy



Original Color

99.9720, 14.3980, -7.6340

Achromatopsia

100.0000, -0.0000, -0.0000

Achromatomaly

99.6430, 5.3190, -2.7850

CSS Examples

Text

The CSS property to change the color of the text to YIQ 99.9720, 14.3980, -7.6340 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(109, 101, 71)` looks like.

```
.text, #text, p{  
    color:rgb(109, 101, 71)  
}
```

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(109, 101, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 101, 71) }
```

Border

The CSS property to change the border of an element to YIQ 99.9720, 14.3980, -7.6340 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(109, 101, 71) }
```


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

```
.border{ border-color:rgb(109, 101, 71) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 101, 71)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 101, 71); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 101, 71);  
box-shadow:4px 4px 4px 4px rgb(109, 101,  
71) }
```

Background

The CSS property to change the background color of an element to YIQ 99.9720, 14.3980, -7.6340 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 101, 71) }
```

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

```
.background{ background-color: rgb(109,  
101, 71) }
```

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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