

Converting Colors

XYZ(34.9044, 32.6980, 40.0690)

Have a look what the booklet for
XYZ(34.9044, 32.6980, 40.0690)
contains.

XYZ(34.9044, 32.6980, 40.0690)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(34.9044, 32.6980,
40.0690)**

Conversions

Conversions Part 1

Format	Color
Hex	AF93A5
RGB	175, 147, 165
RGB Percent	69%, 58%, 65%
CMY	0.3137, 0.4235, 0.3529
CMYK	0.00, 0.16, 0.06, 0.31
HSL	321°, 15%, 63%
HSV	321°, 16%, 69%
XYZ	34.9044, 32.6980, 40.0690
YIQ	157.4240, 10.9100, 11.5340

Conversions

Conversions Part 2

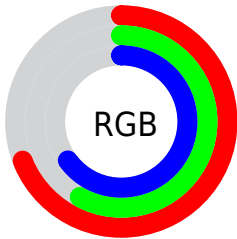
Format	Color
RYB	175, 147, 165
Decimal	11506597
CIELab	63.92, 13.59, -5.54
CIELCh	64, 14.676, 337.837
Yxy	32.6980, 0.3242, 0.3037
Android (android.graphics.Color)	4289696677 (0xFFAF93A5)
YUV	157.4240, 3.7350, 15.4142
Hunter-Lab	57.1822, 8.8889, -1.5185

Details

The XYZ color **34.9044, 32.6980, 40.0690** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **33.4496, 39.2981, 37.7224**, and the grayscale version is **32.2198, 33.8978, 36.9147**.

A 20% lighter version of the original color is **66.7599, 63.9295, 76.5312**, and **15.1895, 13.6956, 17.4657** is the 20% darker color. If you saturate the color by 10%, you get **31.8325, 27.4422, 36.3066**, and if you desaturate by 10%, it is **38.4199, 38.7957, 44.1173**.

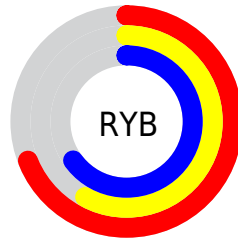
Distribution



Red (69%)

Green (58%)

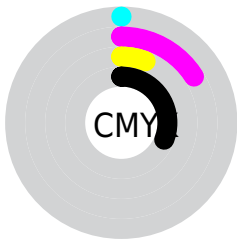
Blue (65%)



Red (69%)

Yellow (58%)

Blue (65%)

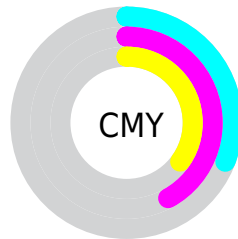


Cyan (0%)

Magenta (16%)

Yellow (6%)

Black (31%)



Cyan (31%)


Magenta (42%)


Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 34.9044, 32.6980, 40.0690 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 XYZ color 34.9044, 32.6980, 40.0690 by changing the saturation by 10% instead.


 34.9044, 32.6980,
40.0690


 34.9044, 32.6980,
40.0690


315.6616,
314.2867, 361.9750

 23.7554, 21.8952,
27.2782

 66.6726, 63.9037,
76.5068

 15.2760, 13.7799,
17.5480


 88.0226, 85.0755,
100.9909

 9.1009, 7.9677,
10.4599


113.5036,
110.4723, 130.2097

 4.8647, 4.0743,
5.5953

143.4810,
140.4786, 164.5819

 2.2020, 1.7152,
2.5358

178.3201,
175.4788, 204.5260

 0.7438, 0.4335,
0.8591

218.3864,

 0.0000, 0.0000,

215.8573, 250.4605

0.0000

264.0451,
261.9985, 302.8040

■ 34.9044, 32.6980,
40.0690

■ 34.9044, 32.6980,
40.0690

■ 31.8325, 27.4422,
36.3066

■ 38.4199, 38.7957,
44.1173

■ 29.1825, 22.9867,
32.8196

■ 42.3942, 45.7661,
48.4573

■ 26.9347, 19.2925,
29.6000

■ 46.8449, 53.6437,
53.0970

■ 25.0670, 16.3158,
26.6384

■ 51.7880, 62.4599,
58.0437

■ 23.5548, 14.0082,
23.9246

■ 57.2388, 72.2445,
63.3041

■ 22.3707, 12.3155,
21.4471

■ 63.2118, 83.0260,
68.8850

■ 21.4828, 11.1748,
19.1932

■ 64.9177, 85.2254,
73.1915

■ 20.8497, 10.5038,
17.1470

■ 65.7059, 85.5406,
77.3419

■ 20.6316, 10.2949,
16.3737

■ 66.5247, 85.8682,
81.6540

Harmonies

Analogous

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



33.5794, 32.6980, 45.3643



34.9044, 32.6980, 40.0690



35.1822, 32.6980, 34.0737

Triad

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



34.9044, 32.6980, 40.0690



30.5399, 32.6980, 25.4797



28.0456, 32.6980, 43.0471

Complementary

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



34.9044, 32.6980, 40.0690



33.4496, 39.2981, 37.7224

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.



27.3070, 32.6980, 37.1765



34.9044, 32.6980, 40.0690



28.7049, 32.6980, 27.3525

Square

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



34.9044, 32.6980, 40.0690



32.6012, 32.6980, 26.0717



27.5429, 32.6980, 31.4810



29.6039, 32.6980, 47.2120

Rectangle

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



34.9044, 32.6980, 40.0690



34.7251, 32.6980, 30.5500



27.5429, 32.6980, 31.4810



27.6965, 32.6980, 41.1836

Sweetspot

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



34.9053, 32.6994, 40.0697



69.4223, 70.5532, 79.6984



32.0385, 31.1122, 44.8744



15.3266, 15.5009, 17.5985



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



34.9053, 32.6994, 40.0697



60.5946, 55.2636, 69.4623



33.7162, 32.2238, 33.8077



8.2138, 8.0988, 9.4366



14.8049, 7.3845, 11.8842



0.4367, 0.2154, 0.4613

Inverse Universe

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



34.9053, 32.6994, 40.0697



60.5946, 55.2636, 69.4623



34.6952, 39.7963, 44.2816



8.2138, 8.0988, 9.4366



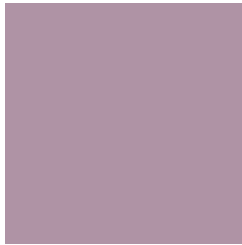
14.8049, 7.3845, 11.8842



0.4367, 0.2154, 0.4613

Previews

White Background



This preview shows how the XYZ color 34.9044, 32.6980, 40.0690 looks on a white background.

Color Contrast Check

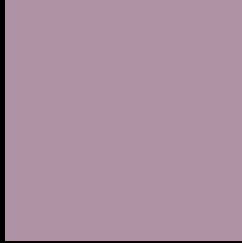
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 34.9044, 32.6980, 40.0690 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

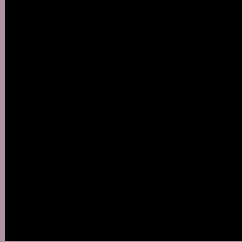
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 34.9044, 32.6980, 40.0690

Background



This preview shows how black text looks on a background with the XYZ color 34.9044, 32.6980, 40.0690.



This preview shows how white text looks on a background with the XYZ color 34.9044, 32.6980,

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

34.9044, 32.6980, 40.0690

Protanopia

32.0435, 32.8458, 42.1871

Deuteranopia

33.3331, 32.6000, 39.6575



Tritanopia

34.3035, 32.6817, 37.3011

Trichromacy



Original Color

34.9044, 32.6980, 40.0690

Protanomaly

33.0348, 32.6418, 41.6052

Deuteranomaly

33.8105, 32.6102, 39.6344

Tritanomaly

34.4785, 32.7517, 38.2227

Monochromacy



Original Color

34.9044, 32.6980, 40.0690

Achromatopsia

32.0474, 33.7164, 36.7171

Achromatomaly

33.0462, 33.2130, 37.9267

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.9044, 32.6980, 40.0690 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(175, 147, 165)` looks like.

```
.text, #text, p{  
    color:rgb(175, 147, 165)  
}
```

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(175, 147, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 147, 165) }
```

Border

The CSS property to change the border of an element to XYZ 34.9044, 32.6980, 40.0690 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(175, 147, 165) }
```


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

```
.border{ border-color:rgb(175, 147, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 147, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 147, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 147, 165);  
box-shadow:4px 4px 4px 4px rgb(175, 147,  
165) }
```

Background

The CSS property to change the background color of an element to XYZ 34.9044, 32.6980, 40.0690 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 147, 165) }
```

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

```
.background{ background-color: rgb(175,  
147, 165) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor