

Converting Colors

XYZ(33.3280, 35.1046, 32.1569)

Have a look what the booklet for
XYZ(33.3280, 35.1046, 32.1569)
contains.

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Color

**XYZ(33.3123, 34.9786,
32.1899)**

Conversions

Conversions Part 1

Format	Color
Hex	A69F92
RGB	166, 159, 146
RGB Percent	65%, 62%, 57%
CMY	0.3490, 0.3765, 0.4274
CMYK	0.00, 0.04, 0.12, 0.35
HSL	39°, 10%, 61%
HSV	39°, 12%, 65%
XYZ	33.3123, 34.9786, 32.1899
YIQ	159.6110, 8.3450, -2.5590

Conversions

Conversions Part 2

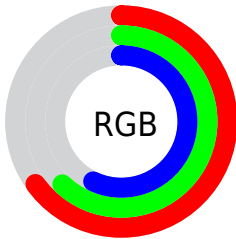
Format	Color
RYB	157, 166, 146
Decimal	10919826
CIELab	65.73, 0.23, 7.68
CIELCh	66, 7.686, 88.258
Yxy	34.9786, 0.3315, 0.3481
Android (android.graphics.Color)	4289109906 (0xFFA69F92)
YUV	159.6110, -6.7102, 5.6032
Hunter-Lab	59.1427, -2.9591, 9.1298

Details

The XYZ color **33.3123, 34.9786, 32.1899** is a light color, and the websafe version is hex **999999**. A complement of this color would be **30.1281, 31.6459, 40.5970**, and the grayscale version is **33.2626, 34.9948, 38.1094**.

A 20% lighter version of the original color is **64.2907, 67.6354, 64.3100**, and **14.4133, 15.1471, 13.2303** is the 20% darker color. If you saturate the color by 10%, you get **31.1387, 32.5498, 25.5505**, and if you desaturate by 10%, it is **35.7223, 37.5794, 39.8341**.

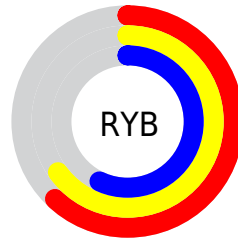
Distribution



Red (65%)

Green (62%)

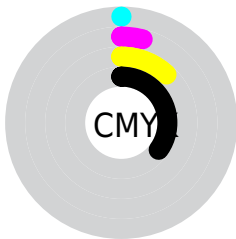
Blue (57%)



Red (62%)

Yellow (65%)

Blue (57%)

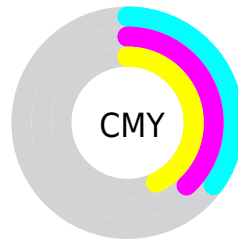


Cyan (0%)

Magenta (4%)

Yellow (12%)

Black (35%)



Cyan (35%)

Magenta (38%)

Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 33.3123, 34.9786, 32.1899 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 33.3123, 34.9786, 32.1899 by changing the saturation by 10% instead.

■ 33.3123, 34.9786,
32.1899

■ 33.3123, 34.9786,
32.1899

308.6948,
324.4739, 326.5027

■ 22.5262, 23.6464,
21.2406

■ 64.2142, 67.4526,
64.2100

■ 14.3628, 15.0715,
13.1070

■ 85.0607, 89.3632,
86.1179

■ 8.4568, 8.8696,
7.3707

109.9914,
115.5687, 112.5157

■ 4.4429, 4.6562,
3.6130

139.3716,
146.4535, 143.8220

■ 1.9556, 2.0470,
1.4156

173.5667,
182.4021, 180.4553

■ 0.6088, 0.6346,
0.1538

212.9420,

■ 0.0000, 0.0000,

223.7987, 222.8342

0.0000

257.8629,
271.0278, 271.3772

■ 33.3123, 34.9786,
32.1899

■ 33.3123, 34.9786,
32.1899

■ 31.1387, 32.5498,
25.5505

■ 35.7223, 37.5794,
39.8341

■ 29.1899, 30.2838,
19.8710

■ 38.3740, 40.3517,
48.5208

■ 27.4576, 28.1774,
15.1065

■ 41.2761, 43.3013,
58.2886

■ 25.9319, 26.2256,
11.2076

■ 44.4360, 46.4321,
69.1734

■ 24.6017, 24.4229,
8.1202

■ 47.8607, 49.7477,
81.2095

■ 23.4550, 22.7633,
5.7839

■ 51.5571, 53.2518,
94.4297

■ 22.4781, 21.2403,
4.1301

■ 54.3502, 56.4755,
102.6440

■ 21.6547, 19.8462,
3.0770

■ 55.7177, 59.2106,
103.0999

■ 21.0811, 18.8173,
2.5210

■ 57.1369, 62.0489,
103.5729

Harmonies

Analogous

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



34.4041, 34.9786, 33.0278



33.3123, 34.9786, 32.1899



32.2265, 34.9786, 32.8558

Triad

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



33.3123, 34.9786, 32.1899



31.3660, 34.9786, 41.1132



35.1313, 34.9786, 41.4594

Complementary

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



33.3123, 34.9786, 32.1899



30.1281, 31.6459, 40.5970

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.



34.2871, 34.9786, 43.8432



33.3123, 34.9786, 32.1899



32.1144, 34.9786, 43.6354

Square

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



33.3123, 34.9786, 32.1899



31.1181, 34.9786, 37.8966



33.1800, 34.9786, 44.6608



35.4690, 34.9786, 38.2755

Rectangle

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



33.3123, 34.9786, 32.1899



31.6487, 34.9786, 34.0854



33.1800, 34.9786, 44.6608



34.8964, 34.9786, 42.3875

Sweetspot

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



33.3133, 34.9801, 32.1906



63.9110, 67.2215, 69.3327



31.7549, 30.9651, 34.4406



14.2285, 14.9642, 15.2798



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



33.3133, 34.9801, 32.1906



59.5508, 62.4833, 55.6023



33.9291, 37.1346, 32.5740



7.9227, 8.3254, 7.9787



16.3922, 14.6817, 1.9699



0.4440, 0.4476, 0.0630

Inverse Universe

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



30.1281, 31.6459, 40.5970



52.8110, 55.4284, 73.3906



29.5567, 29.7010, 40.2517



7.3385, 7.7138, 9.5205



6.5538, 4.5677, 28.5117



0.2073, 0.2069, 0.7096

Previews

White Background



This preview shows how the XYZ color 33.3123, 34.9786, 32.1899 looks on a white background.

Color Contrast Check

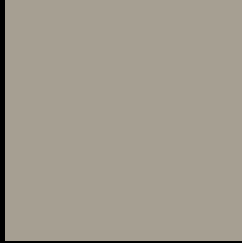
Large Text (above 18pt) WCAG AA × Fail

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 33.3123, 34.9786, 32.1899 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

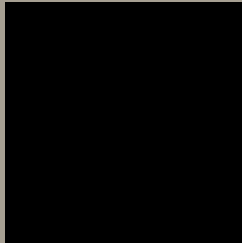
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 33.3123, 34.9786, 32.1899

Background



This preview shows how black text looks on a background with the XYZ color 33.3123, 34.9786, 32.1899.

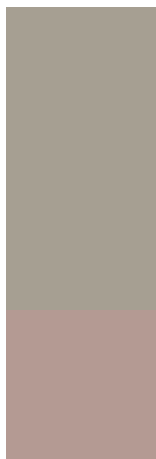


This preview shows how white text looks on a background with the XYZ color 33.3123, 34.9786,

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

33.3123, 34.9786, 32.1899

Protanopia

33.3123, 34.9786, 32.1899

Deuteranopia

35.6445, 34.9211, 32.4655



Tritanopia

35.3185, 35.0391, 41.9475

Trichromacy



Original Color

33.3123, 34.9786, 32.1899

Protanomaly

33.3123, 34.9786, 32.1899

Deuteranomaly

34.8341, 34.9975, 32.5230

Tritanomaly

34.5506, 34.9768, 38.1879

Monochromacy



Original Color

33.3123, 34.9786, 32.1899

Achromatopsia

33.4132, 35.1533, 38.2819

Achromatomaly

33.3875, 35.1896, 36.0429

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.3123, 34.9786, 32.1899 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(166, 159, 146)` looks like.

```
.text, #text, p{  
    color:rgb(166, 159, 146)  
}
```

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(166, 159, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 159, 146) }
```

Border

The CSS property to change the border of an element to XYZ 33.3123, 34.9786, 32.1899 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(166, 159, 146) }
```


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

```
.border{ border-color:rgb(166, 159, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 159, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 159, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 159, 146);  
box-shadow:4px 4px 4px 4px rgb(166, 159,  
146) }
```

Background

The CSS property to change the background color of an element to XYZ 33.3123, 34.9786, 32.1899 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 159, 146) }
```

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

```
.background{ background-color: rgb(166,  
159, 146) }
```

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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