

Converting Colors

XYZ(32.1983, 29.9917, 32.5613)

Have a look what the booklet for
XYZ(32.1983, 29.9917, 32.5613)
contains.

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Color

**XYZ(32.0365, 29.8103,
32.4992)**

Conversions

Conversions Part 1

Format	Color
Hex	AD8C95
RGB	173, 140, 149
RGB Percent	68%, 55%, 58%
CMY	0.3216, 0.4510, 0.4157
CMYK	0.00, 0.19, 0.14, 0.32
HSL	344°, 17%, 61%
HSV	344°, 19%, 68%
XYZ	32.0365, 29.8103, 32.4992
YIQ	150.8930, 16.7790, 9.7950

Conversions

Conversions Part 2

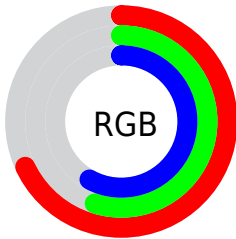
Format	Color
R _Y B	173, 140, 149
Decimal	11373717
CIE Lab	61.49, 13.96, -0.06
CIE LCh	61, 13.958, 359.770
Yxy	29.8103, 0.3396, 0.3160
Android (android.graphics.Color)	4289563797 (0xFFAD8C95)
YUV	150.8930, -0.9332, 19.3878
Hunter-Lab	54.5988, 9.1891, 2.9276

Details

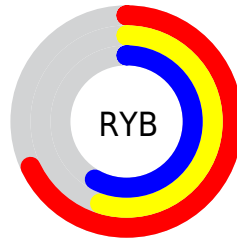
The XYZ color **32.0365, 29.8103, 32.4992** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **32.4608, 38.1438, 40.7755**, and the grayscale version is **29.3692, 30.8986, 33.6486**.

A 20% lighter version of the original color is **62.3844, 59.5534, 64.7069**, and **13.6065, 12.1872, 13.1905** is the 20% darker color. If you saturate the color by 10%, you get **28.7538, 24.7664, 26.7135**, and if you desaturate by 10%, it is **35.8269, 35.6952, 38.9904**.

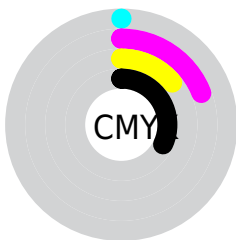
Distribution



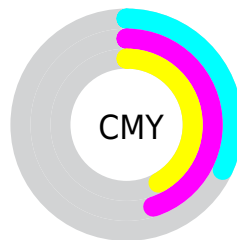
- Red (68%)
- Green (55%)
- Blue (58%)



- Red (68%)
- Yellow (55%)
- Blue (58%)



- Cyan (0%)
- Magenta (19%)
- Yellow (14%)
- Black (32%)




- Cyan (32%)
- Magenta (45%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 32.0365, 29.8103, 32.4992 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 32.0365, 29.8103, 32.4992 by changing the saturation by 10% instead.


 32.0365, 29.8103,
32.4992


 32.0365, 29.8103,
32.4992


303.0278,
301.0192, 327.9496


 21.5451, 19.6946,
21.4751


 62.2331, 59.3621,
64.6998

 13.6377, 12.1733,
13.2771


 82.6690, 79.5669,
86.7135

 7.9491, 6.8618,
7.4867


 107.1504,
103.9037, 113.2273

 4.1140, 3.3758,
3.6853

136.0427,
132.7567, 144.6600

 1.7668, 1.3309,
1.4543

169.7112,
166.5104, 181.4300

 0.4975, 0.1650,
0.1835

208.5214,

 0.0000, 0.0000,

205.5491, 223.9560

0.0000

252.8384,
250.2572, 272.6563

■ 32.0365, 29.8103,
32.4992

■ 32.0365, 29.8103,
32.4992

■ 28.7538, 24.7664,
26.7135

■ 35.8269, 35.6952,
38.9904

■ 25.9542, 20.5210,
21.6071

■ 40.1431, 42.4529,
46.2083

■ 23.6152, 17.0341,
17.1549

■ 45.0053, 50.1188,
54.1754

■ 21.7109, 14.2604,
13.3297

■ 50.4320, 58.7246,
62.9128

■ 20.2131, 12.1500,
10.1020

■ 56.4406, 68.3011,
72.4407

■ 19.0902, 10.6462,
7.4398

■ 63.0481, 78.8771,
82.7784

■ 18.3052, 9.6829,
5.3077

■ 68.2919, 86.5236,
93.2852

■ 17.7917, 9.1353,
3.6584

■ 70.1967, 87.2855,
103.3157

■ 17.7503, 9.0910,
3.5265

■ 71.0438, 87.6243,
107.7765

Harmonies

Analogous

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



31.5151, 29.8103, 37.8545



32.0365, 29.8103, 32.4992



31.5304, 29.8103, 27.6646

Triad

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



32.0365, 29.8103, 32.4992



26.6064, 29.8103, 24.4043



26.5827, 29.8103, 42.0655

Complementary

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



32.0365, 29.8103, 32.4992



32.4608, 38.1438, 40.7755

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.



25.3609, 29.8103, 37.7761



32.0365, 29.8103, 32.4992



25.3741, 29.8103, 27.6011

Square

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



32.0365, 29.8103, 32.4992



28.3481, 29.8103, 23.3110



24.9280, 29.8103, 32.4175



28.3195, 29.8103, 43.7314

Rectangle

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



32.0365, 29.8103, 32.4992



30.6905, 29.8103, 25.2945



24.9280, 29.8103, 32.4175



26.1009, 29.8103, 40.8612

Sweetspot

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



32.0373, 29.8116, 32.4998



66.3583, 67.3541, 73.5288



32.1597, 29.6300, 43.5598



14.3197, 14.4791, 15.8090



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



32.0373, 29.8116, 32.4998



54.7223, 49.2991, 53.5669



32.4253, 31.6931, 29.2209



8.0916, 8.0499, 8.7933



13.0613, 6.6871, 2.7021



0.3865, 0.1953, 0.1970

Inverse Universe

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



32.0373, 29.8116, 32.4998



54.7223, 49.2991, 53.5669



31.9681, 35.8115, 44.7630



8.0916, 8.0499, 8.7933



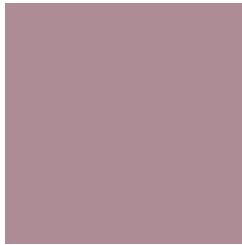
13.0613, 6.6871, 2.7021



0.3865, 0.1953, 0.1970

Previews

White Background



This preview shows how the XYZ color 32.0365, 29.8103, 32.4992 looks on a white background.

Color Contrast Check

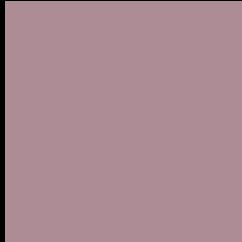
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the XYZ color 32.0365, 29.8103, 32.4992 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

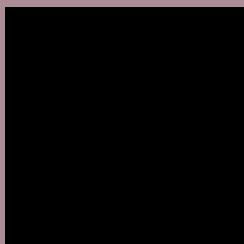
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 32.0365, 29.8103, 32.4992

Background



This preview shows how black text looks on a background with the XYZ color 32.0365, 29.8103, 32.4992.



This preview shows how white text looks on a background with the XYZ color 32.0365, 29.8103,

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

32.0365, 29.8103, 32.4992

Protanopia

29.0003, 29.9969, 34.8334

Deuteranopia

30.4228, 29.8712, 32.1792



Tritanopia

32.1976, 29.8748, 33.3476

Trichromacy



Original Color

32.0365, 29.8103, 32.4992

Protanomaly

29.8934, 29.7869, 33.8797

Deuteranomaly

31.1041, 29.9985, 32.1679

Tritanomaly

32.1167, 29.8424, 32.9216

Monochromacy



Original Color

32.0365, 29.8103, 32.4992

Achromatopsia

29.4150, 30.9469, 33.7012

Achromatomaly

30.2368, 30.4404, 33.1361

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.0365, 29.8103, 32.4992 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(173, 140, 149)` looks like.

```
.text, #text, p{  
    color:rgb(173, 140, 149)  
}
```

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(173, 140, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 140, 149) }
```

Border

The CSS property to change the border of an element to XYZ 32.0365, 29.8103, 32.4992 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(173, 140, 149) }
```


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

```
.border{ border-color:rgb(173, 140, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 140, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 140, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 140, 149);  
box-shadow:4px 4px 4px 4px rgb(173, 140,  
149) }
```

Background

The CSS property to change the background color of an element to XYZ 32.0365, 29.8103, 32.4992 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 140, 149) }
```

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

```
.background{ background-color: rgb(173,  
140, 149) }
```

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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