

Converting Colors

XYZ(31.5266, 29.1175, 32.3924)

Have a look what the booklet for
XYZ(31.5266, 29.1175, 32.3924)
contains.

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Color

**XYZ(31.5266, 29.1175,
32.3924)**

Conversions

Conversions Part 1

Format	Color
Hex	AC8A95
RGB	172, 138, 149
RGB Percent	67%, 54%, 58%
CMY	0.3255, 0.4588, 0.4157
CMYK	0.00, 0.20, 0.13, 0.33
HSL	341°, 17%, 61%
HSV	341°, 20%, 67%
XYZ	31.5266, 29.1175, 32.3924
YIQ	149.4200, 16.7330, 10.6290

Conversions

Conversions Part 2

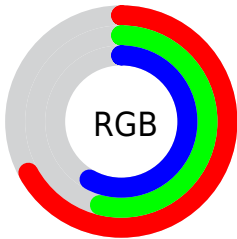
Format	Color
R_{YB}	172, 138, 149
Decimal	11307669
CIE _{Lab}	60.89, 14.71, -0.95
CIE _{LCh}	61, 14.741, 356.295
Yxy	29.1175, 0.3389, 0.3130
Android (android.graphics.Color)	4289497749 (0xFFAC8A95)
YUV	149.4200, -0.2071, 19.8027
Hunter-Lab	53.9606, 9.8578, 2.1808

Details

The XYZ color **31.5266, 29.1175, 32.3924** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **31.6680, 37.4824, 39.2858**, and the grayscale version is **28.7406, 30.2373, 32.9284**.

A 20% lighter version of the original color is **61.6240, 58.5051, 64.5446**, and **13.3021, 11.7832, 13.1286** is the 20% darker color. If you saturate the color by 10%, you get **28.3686, 24.2145, 26.9830**, and if you desaturate by 10%, it is **35.1699, 34.8419, 38.4223**.

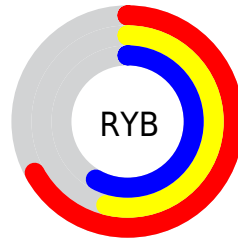
Distribution



Red (67%)

Green (54%)

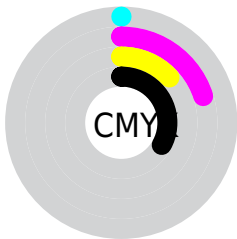
Blue (58%)



Red (67%)

Yellow (54%)

Blue (58%)

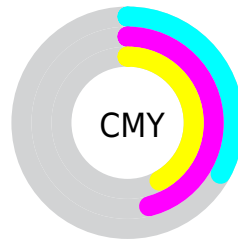


Cyan (0%)

Magenta (20%)

Yellow (13%)

Black (33%)



Cyan (33%)

Magenta (46%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 31.5266, 29.1175, 32.3924 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 31.5266, 29.1175, 32.3924 by changing the saturation by 10% instead.

■ 31.5266, 29.1175,
32.3924

■ 31.5266, 29.1175,
32.3924

300.7408,
297.7690, 327.4505

■ 21.1540, 19.1697,
21.3941

■ 61.4384, 58.2637,
64.5308

■ 13.3497, 11.7930,
13.2183

■ 81.7083, 78.2310,
86.5079

■ 7.7484, 6.6029,
7.4466

■ 106.0080,
102.3068, 112.9818

■ 3.9848, 3.2150,
3.6603

134.7028,
130.8756, 144.3709

■ 1.6936, 1.2450,
1.4409

168.1582,
164.3219, 181.0938

■ 0.4522, 0.0980,
0.1733

206.7394,

■ 0.0000, 0.0000,

203.0299, 223.5690

0.0000

250.8118,
247.3841, 272.2151

■ 31.5266, 29.1175,
32.3924

■ 31.5266, 29.1175,
32.3924

■ 28.3686, 24.2145,
26.9830

■ 35.1699, 34.8419,
38.4223

■ 25.6724, 20.0912,
22.1718

■ 39.3158, 41.4190,
45.0902

■ 23.4161, 16.7080,
17.9378


■ 43.9836, 48.8834,
52.4153

■ 21.5751, 14.0205,
14.2582


■ 49.1912, 57.2666,
60.4152


■ 20.1222, 11.9793,
11.1084


■ 54.9552, 66.5984,
69.1071

 19.0267, 10.5285,
8.4615


 61.2917, 76.9075,
78.5073


 18.2530, 9.6025,
6.2880

 67.1205, 86.0296,
88.2665

 17.7295, 9.0642,
4.5450

 68.8143, 86.7071,
97.1860

 17.7185, 9.0528,
4.5086

 70.6194, 87.4291,
106.6914

Harmonies

Analogous

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



30.8626, 29.1175, 37.9427



31.5266, 29.1175, 32.3924



31.1200, 29.1175, 27.2457

Triad

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



31.5266, 29.1175, 32.3924



26.0714, 29.1175, 23.1358



25.6762, 29.1175, 41.3417

Complementary

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



31.5266, 29.1175, 32.3924



31.6680, 37.4824, 39.2858

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.



24.4947, 29.1175, 36.6239



31.5266, 29.1175, 32.3924



24.7154, 29.1175, 26.1896

Square

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



31.5266, 29.1175, 32.3924



27.9146, 29.1175, 22.2775



24.1512, 29.1175, 31.0254



27.4373, 29.1175, 43.4729

Rectangle

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



31.5266, 29.1175, 32.3924



30.3062, 29.1175, 24.6564



24.1512, 29.1175, 31.0254



25.2013, 29.1175, 39.9809

Sweetspot

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



31.5274, 29.1188, 32.3930



66.4462, 67.3893, 73.9917



31.1668, 28.6994, 42.9271



14.3407, 14.4875, 15.9192



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.



31.5274, 29.1188, 32.3930



54.4148, 48.4945, 54.0495



31.5246, 30.4526, 28.2626



8.1080, 8.0565, 8.8798



13.2080, 6.7457, 3.4749



0.3929, 0.1978, 0.2307

Inverse Universe

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



31.5274, 29.1188, 32.3930



54.4148, 48.4945, 54.0495



31.6255, 35.7766, 44.2690



8.1080, 8.0565, 8.8798



13.2080, 6.7457, 3.4749



0.3929, 0.1978, 0.2307

Previews

White Background



This preview shows how the XYZ color 31.5266, 29.1175, 32.3924 looks on a white background.

Color Contrast Check

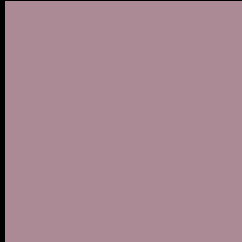
Large Text (above 18pt) WCAG AA ✓ Pass

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 31.5266, 29.1175, 32.3924 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

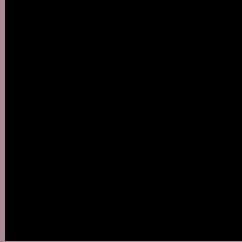
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 31.5266, 29.1175, 32.3924

Background



This preview shows how black text looks on a background with the XYZ color 31.5266, 29.1175, 32.3924.



This preview shows how white text looks on a background with the XYZ color 31.5266, 29.1175,

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

31.5266, 29.1175, 32.3924

Protanopia

28.3244, 29.1868, 34.7126

Deuteranopia

29.7162, 29.0612, 32.0601



Tritanopia

31.5266, 29.1175, 32.3924

Trichromacy



Original Color

31.5266, 29.1175, 32.3924

Protanomaly

29.3946, 29.0800, 33.7695

Deuteranomaly

30.3872, 29.1872, 32.0491

Tritanomaly

31.5266, 29.1175, 32.3924

Monochromacy



Original Color

31.5266, 29.1175, 32.3924

Achromatopsia

28.5667, 30.0544, 32.7292

Achromatomaly

29.4548, 29.5888, 32.5925

CSS Examples

Text

The CSS property to change the color of the text to XYZ 31.5266, 29.1175, 32.3924 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(172, 138, 149)` looks like.

```
.text, #text, p{  
    color:rgb(172, 138, 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(172, 138, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 138, 149) }
```

Border

The CSS property to change the border of an element to XYZ 31.5266, 29.1175, 32.3924 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(172, 138, 149) }
```


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

```
.border{ border-color:rgb(172, 138, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 138, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 138, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 138, 149);  
box-shadow:4px 4px 4px 4px rgb(172, 138,  
149) }
```

Background

The CSS property to change the background color of an element to XYZ 31.5266, 29.1175, 32.3924 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 138, 149) }
```

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

```
.background{ background-color: rgb(172,  
138, 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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