

Converting Colors

XYZ(31.7394, 29.4042, 31.3898)

Have a look what the booklet for
XYZ(31.7394, 29.4042, 31.3898)
contains.

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Color

**XYZ(31.6545, 29.4248,
31.2053)**

Conversions

Conversions Part 1

Format	Color
Hex	AD8B92
RGB	173, 139, 146
RGB Percent	68%, 55%, 57%
CMY	0.3216, 0.4549, 0.4274
CMYK	0.00, 0.20, 0.16, 0.32
HSL	348°, 17%, 61%
HSV	348°, 20%, 68%
XYZ	31.6545, 29.4248, 31.2053
YIQ	149.9640, 18.0170, 9.3850

Conversions

Conversions Part 2

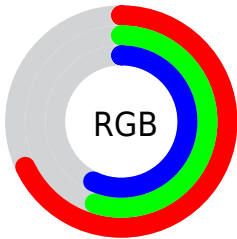
Format	Color
RYB	173, 139, 146
Decimal	11373458
CIELab	61.15, 14.02, 1.16
CIElCh	61, 14.064, 4.745
Yxy	29.4248, 0.3430, 0.3188
Android (android.graphics.Color)	4289563538 (0xFFAD8B92)
YUV	149.9640, -1.9543, 20.2026
Hunter-Lab	54.2446, 9.2357, 3.8635

Details

The XYZ color **31.6545, 29.4248, 31.2053** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **32.4751, 38.1300, 41.7265**, and the grayscale version is **28.9775, 30.4866, 33.1999**.

A 20% lighter version of the original color is **61.8084, 58.9681, 62.7679**, and **13.4294, 11.9824, 12.6713** is the 20% darker color. If you saturate the color by 10%, you get **28.3397, 24.4039, 25.1405**, and if you desaturate by 10%, it is **35.4958, 35.2925, 38.0801**.

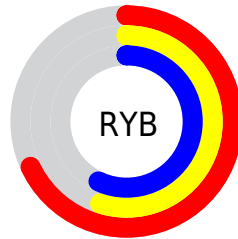
Distribution



Red (68%)

Green (55%)

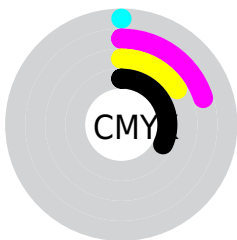
Blue (57%)



Red (68%)

Yellow (55%)

Blue (57%)

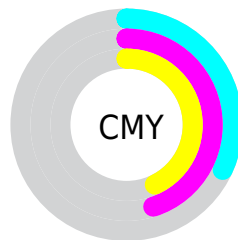


Cyan (0%)

Magenta (20%)

Yellow (16%)

Black (32%)



Cyan (32%)


Magenta (45%)


Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 31.6545, 29.4248, 31.2053 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 31.6545, 29.4248, 31.2053 by changing the saturation by 10% instead.


 31.6545, 29.4248,
31.2053


 31.6545, 29.4248,
31.2053

301.3157,
299.2140, 321.8635


 21.2520, 19.4024,
20.4955


 61.6379, 58.7513,
62.6465

 13.4218, 11.9614,
12.5681


 81.9496, 78.8243,
84.2150

 7.7987, 6.7174,
7.0046


 106.2949,
103.0162, 110.2400

 4.0171, 3.2860,
3.3865

135.0394,
131.7114, 141.1402

 1.7118, 1.2828,
1.2952

168.5484,
165.2945, 177.3341

 0.4636, 0.1278,
0.0578

207.1872,

 0.0000, 0.0000,

204.1496, 219.2403

0.0000

251.3212,
248.6614, 267.2772

■ 31.6545, 29.4248,
31.2053

■ 31.6545, 29.4248,
31.2053

■ 28.3397, 24.4039,
25.1405

■ 35.4958, 35.2925,
38.0801

■ 25.5259, 20.1869,
19.8537

■ 39.8828, 42.0395,
45.7916

■ 23.1890, 16.7330,
15.3136

■ 44.8369, 49.7015,
54.3673

■ 21.3018, 13.9962,
11.4860

■ 50.3773, 58.3110,
63.8332

■ 19.8346, 11.9256,
8.3339

■ 56.5226, 67.8988,
74.2140

■ 18.7538, 10.4636,
5.8169

■ 63.2904, 78.4944,
85.5335

■ 18.0204, 9.5426,
3.8899

■ 69.0475, 86.8258,
97.2645

■ 17.5600, 9.0253,
2.4924

■ 71.0437, 87.6243,
107.7765

■ 17.5461, 9.0093,
2.4518

Harmonies

Analogous

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



31.3007, 29.4248, 36.5725



31.6545, 29.4248, 31.2053



30.9854, 29.4248, 26.5891

Triad

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



31.6545, 29.4248, 31.2053



25.9935, 29.4248, 24.3932



26.4807, 29.4248, 42.1358

Complementary

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



31.6545, 29.4248, 31.2053



32.4751, 38.1300, 41.7265

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.



25.1520, 29.4248, 38.1860



31.6545, 29.4248, 31.2053



24.8795, 29.4248, 27.8958

Square

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



31.6545, 29.4248, 31.2053



27.6749, 29.4248, 22.9413



24.5783, 29.4248, 32.8866



28.2619, 29.4248, 43.2699

Rectangle

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



31.6545, 29.4248, 31.2053



30.0658, 29.4248, 24.4364



24.5783, 29.4248, 32.8866



25.9689, 29.4248, 41.0736

Sweetspot

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



31.6553, 29.4261, 31.2059



66.2432, 67.3081, 72.9227



32.4255, 29.5512, 43.5304



14.2923, 14.4681, 15.6648



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.



31.6553, 29.4261, 31.2059



53.7466, 48.2272, 50.5307



32.5842, 32.1286, 28.9118



8.0702, 8.0413, 8.6803



12.9075, 6.6255, 1.8924



0.3781, 0.1919, 0.1528

Inverse Universe

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



31.6553, 29.4261, 31.2059



53.7466, 48.2272, 50.5307



31.3537, 34.8318, 44.6061



8.0702, 8.0413, 8.6803



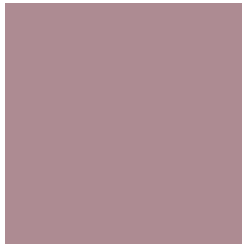
12.9075, 6.6255, 1.8924



0.3781, 0.1919, 0.1528

Previews

White Background



This preview shows how the XYZ color 31.6545, 29.4248, 31.2053 looks on a white background.

Color Contrast Check

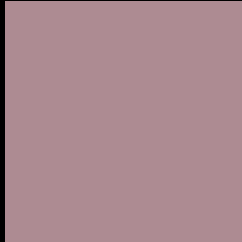
Large Text (above 18pt) WCAG AA ✓ Pass

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 31.6545, 29.4248, 31.2053 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 31.6545, 29.4248, 31.2053

Background



This preview shows how black text looks on a background with the XYZ color 31.6545, 29.4248, 31.2053.



This preview shows how white text looks on a background with the XYZ color 31.6545, 29.4248,

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

31.6545, 29.4248, 31.2053

Protanopia

28.5973, 29.5858, 33.4816

Deuteranopia

30.0376, 29.4758, 30.8943



Tritanopia

31.7469, 29.2311, 32.4027

Trichromacy



Original Color

31.6545, 29.4248, 31.2053

Protanomaly

29.4986, 29.3855, 32.5510

Deuteranomaly

30.7202, 29.6058, 30.8834

Tritanomaly

31.6674, 29.1993, 31.9840

Monochromacy



Original Color

31.6545, 29.4248, 31.2053

Achromatopsia

28.9890, 30.4987, 33.2131

Achromatomaly

29.8043, 29.9968, 32.6529

CSS Examples

Text

The CSS property to change the color of the text to XYZ 31.6545, 29.4248, 31.2053 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, 139, 146)` looks like.

```
.text, #text, p{  
    color:rgb(173, 139, 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(173, 139, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 139, 146) }
```

Border

The CSS property to change the border of an element to XYZ 31.6545, 29.4248, 31.2053 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, 139, 146) }
```


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

```
.border{ border-color:rgb(173, 139, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 139, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 139, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 139, 146);  
box-shadow:4px 4px 4px 4px rgb(173, 139,  
146) }
```

Background

The CSS property to change the background color of an element to XYZ 31.6545, 29.4248, 31.2053 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 139, 146) }
```

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

```
.background{ background-color: rgb(173,  
139, 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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