

Converting Colors

XYZ(31.6877, 29.4209, 32.1792)

Have a look what the booklet for
XYZ(31.6877, 29.4209, 32.1792)
contains.

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Color

**XYZ(31.5912, 29.3740,
32.0217)**

Conversions

Conversions Part 1

Format	Color
Hex	AC8B94
RGB	172, 139, 148
RGB Percent	67%, 55%, 58%
CMY	0.3255, 0.4549, 0.4196
CMYK	0.00, 0.19, 0.14, 0.33
HSL	344°, 17%, 61%
HSV	344°, 19%, 67%
XYZ	31.5912, 29.3740, 32.0217
YIQ	149.8930, 16.7790, 9.7950

Conversions

Conversions Part 2

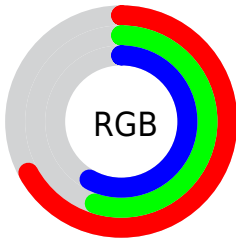
Format	Color
R _{YB}	172, 139, 148
Decimal	11307924
CIE Lab	61.11, 13.98, -0.05
CIE LCh	61, 13.976, 359.782
Yxy	29.3740, 0.3397, 0.3159
Android (android.graphics.Color)	4289498004 (0xFFAC8B94)
YUV	149.8930, -0.9332, 19.3878
Hunter-Lab	54.1978, 9.1993, 2.9081

Details

The XYZ color **31.5912, 29.3740, 32.0217** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **32.0120, 37.6392, 40.2300**, and the grayscale version is **28.9436, 30.4509, 33.1610**.

A 20% lighter version of the original color is **61.7255, 58.8982, 63.9923**, and **13.3378, 11.9298, 12.9090** is the 20% darker color. If you saturate the color by 10%, you get **28.3567, 24.4049, 26.3193**, and if you desaturate by 10%, it is **35.3262, 35.1723, 38.4197**.

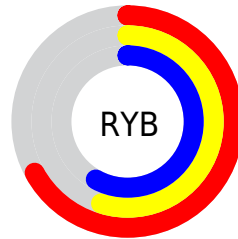
Distribution



Red (67%)

Green (55%)

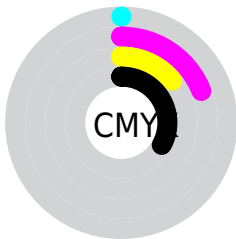
Blue (58%)



Red (67%)

Yellow (55%)

Blue (58%)

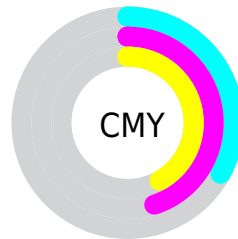


Cyan (0%)

Magenta (19%)

Yellow (14%)

Black (33%)



Cyan (33%)


Magenta (45%)


Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 31.5912, 29.3740, 32.0217 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 31.5912, 29.3740, 32.0217 by changing the saturation by 10% instead.


 31.5912, 29.3740,
32.0217


 31.5912, 29.3740,
32.0217


301.0313,
298.9755, 325.7139


 21.2035, 19.3639,
21.1131


 61.5392, 58.6708,
63.9434

 13.3861, 11.9335,
13.0147


 81.8302, 78.7263,
85.7936

 7.7738, 6.6984,
7.3078


 106.1530,
102.8990, 112.1281

 4.0011, 3.2742,
3.5740

134.8729,
131.5734, 143.3654

 1.7028, 1.2765,
1.3947

168.3553,
165.1339, 179.9241

 0.4580, 0.1229,
0.1376

206.9657,

 0.0000, 0.0000,

203.9648, 222.2228

0.0000

251.0692,
248.4505, 270.6798

■ 31.5912, 29.3740,
32.0217

■ 31.5912, 29.3740,
32.0217

■ 28.3567, 24.4049,
26.3193

■ 35.3262, 35.1723,
38.4197

■ 25.5987, 20.2230,
21.2867

■ 39.5796, 41.8311,
45.5343

■ 23.2946, 16.7888,
16.8992

■ 44.3713, 49.3853,
53.3876

■ 21.4191, 14.0577,
13.1298

■ 49.7196, 57.8663,
62.0004

■ 19.9443, 11.9803,
9.9495

■ 55.6417, 67.3043,
71.3927

■ 18.8390, 10.5009,
7.3267

■ 62.1542, 77.7280,
81.5835

■ 18.0667, 9.5540,
5.2265

■ 67.8518, 86.3221,
92.1177

■ 17.5605, 9.0139,
3.6018

■ 69.7297, 87.0732,
102.0064

■ 17.5245, 8.9752,
3.4873

■ 70.8234, 87.5108,
107.7662

Harmonies

Analogous

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



31.0744, 29.3740, 37.3331



31.5912, 29.3740, 32.0217



31.0888, 29.3740, 27.2303

Triad

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



31.5912, 29.3740, 32.0217



26.2060, 29.3740, 24.0034



26.1838, 29.3740, 41.5150

Complementary

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



31.5912, 29.3740, 32.0217



32.0120, 37.6392, 40.2300

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.



24.9725, 29.3740, 37.2595



31.5912, 29.3740, 32.0217



24.9850, 29.3740, 27.1706

Square

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



31.5912, 29.3740, 32.0217



27.9325, 29.3740, 22.9199



24.5432, 29.3740, 31.9449



27.9057, 29.3740, 43.1673

Rectangle

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



31.5912, 29.3740, 32.0217



30.2555, 29.3740, 24.8830



24.5432, 29.3740, 31.9449



25.7062, 29.3740, 40.3201

Sweetspot

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



31.5920, 29.3753, 32.0223



66.3583, 67.3541, 73.5288



31.7127, 29.1948, 42.9939



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.



31.5920, 29.3753, 32.0223



54.7223, 49.2991, 53.5670



31.9765, 31.2400, 28.7722



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.



31.5920, 29.3753, 32.0223



54.7223, 49.2991, 53.5670



31.5230, 35.3246, 44.1871



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 31.5912, 29.3740, 32.0217 looks on a white background.

Color Contrast Check

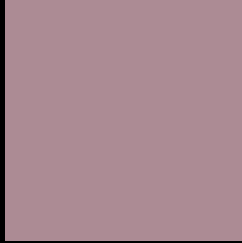
Large Text (above 18pt) WCAG AA ✓ Pass

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 31.5912, 29.3740, 32.0217 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

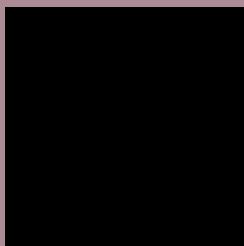
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 31.5912, 29.3740, 32.0217

Background



This preview shows how black text looks on a background with the XYZ color 31.5912, 29.3740, 32.0217.



This preview shows how white text looks on a background with the XYZ color 31.5912, 29.3740,

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

31.5912, 29.3740, 32.0217

Protanopia

28.5779, 29.5569, 34.3358

Deuteranopia

29.9892, 29.4329, 31.7043



Tritanopia

31.7509, 29.4379, 32.8628

Trichromacy



Original Color

31.5912, 29.3740, 32.0217

Protanomaly

29.4638, 29.3490, 33.3902

Deuteranomaly

30.6653, 29.5596, 31.6931

Tritanomaly

31.6707, 29.4058, 32.4404

Monochromacy



Original Color

31.5912, 29.3740, 32.0217

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 31.5912, 29.3740, 32.0217 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, 139, 148)` looks like.

```
.text, #text, p{  
    color:rgb(172, 139, 148)  
}
```

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, 139, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 139, 148) }
```

Border

The CSS property to change the border of an element to XYZ 31.5912, 29.3740, 32.0217 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, 139, 148) }
```


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

```
.border{ border-color:rgb(172, 139, 148) }
```

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

Here you see how a box with a 4 pixel rgb(172, 139, 148) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 139, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 139, 148);  
box-shadow:4px 4px 4px 4px rgb(172, 139,  
148) }
```

Background

The CSS property to change the background color of an element to XYZ 31.5912, 29.3740, 32.0217 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 139, 148) }
```

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

```
.background{ background-color: rgb(172,  
139, 148) }
```

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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