

Converting Colors

XYZ(31.4047, 28.9266, 32.4477)

Have a look what the booklet for
XYZ(31.4047, 28.9266, 32.4477)
contains.

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Color

**XYZ(31.3837, 28.8319,
32.3448)**

Conversions

Conversions Part 1

Format	Color
Hex	AC8995
RGB	172, 137, 149
RGB Percent	67%, 54%, 58%
CMY	0.3255, 0.4627, 0.4157
CMYK	0.00, 0.20, 0.13, 0.33
HSL	339°, 17%, 61%
HSV	339°, 20%, 67%
XYZ	31.3837, 28.8319, 32.3448
YIQ	148.8330, 17.0080, 11.1520

Conversions

Conversions Part 2

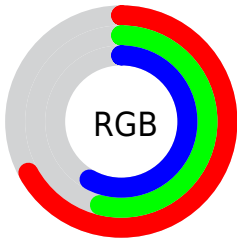
Format	Color
R _Y B	172, 137, 149
Decimal	11307413
CIE Lab	60.63, 15.27, -1.32
CIE LCh	61, 15.330, 355.053
Yxy	28.8319, 0.3391, 0.3115
Android (android.graphics.Color)	4289497493 (0xFFAC8995)
YUV	148.8330, 0.0823, 20.3175
Hunter-Lab	53.6953, 10.3623, 1.8719

Details

The XYZ color **31.3837, 28.8319, 32.3448** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **31.4153, 37.3621, 38.8153**, and the grayscale version is **28.4922, 29.9760, 32.6439**.

A 20% lighter version of the original color is **61.4052, 58.0674, 64.4716**, and **13.2205, 11.6202, 13.1014** is the 20% darker color. If you saturate the color by 10%, you get **28.2718, 23.9828, 27.0690**, and if you desaturate by 10%, it is **34.9746, 34.4982, 38.2131**.

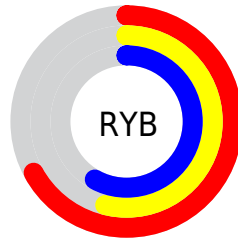
Distribution



Red (67%)

Green (54%)

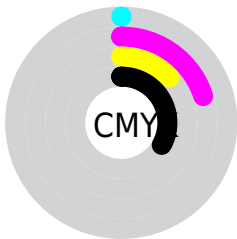
Blue (58%)



Red (67%)

Yellow (54%)

Blue (58%)

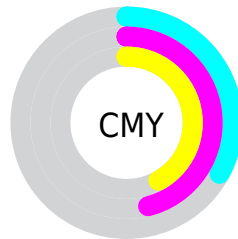


Cyan (0%)

Magenta (20%)

Yellow (13%)

Black (33%)



Cyan (33%)


Magenta (46%)


Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 31.3837, 28.8319, 32.3448 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 31.3837, 28.8319, 32.3448 by changing the saturation by 10% instead.


 31.3837, 28.8319,
32.3448


 31.3837, 28.8319,
32.3448


300.0976,
296.4210, 327.2279


 21.0445, 18.9537,
21.3580


 61.2154, 57.8099,
64.4554

 13.2692, 11.6368,
13.1922


 81.4386, 77.6785,
86.4163

 7.6924, 6.4969,
7.4287


 105.6871,
101.6460, 112.8723

 3.9489, 3.1495,
3.6491

134.3264,
130.0968, 144.2420

 1.6733, 1.2103,
1.4349

167.7217,
163.4153, 180.9438

 0.4395, 0.0701,
0.1687

206.2384,

 0.0000, 0.0000,

201.9859, 223.3964

0.0000

250.2419,
246.1930, 272.0183

■ 31.3837, 28.8319,
32.3448

■ 31.3837, 28.8319,
32.3448

■ 28.2718, 23.9828,
27.0690

■ 34.9746, 34.4982,
38.2131

■ 25.6157, 19.9092,
22.3647

■ 39.0616, 41.0131,
44.6905

■ 23.3934, 16.5714,
18.2123

■ 43.6641, 48.4112,
51.7950

■ 21.5807, 13.9248,
14.5900

■ 48.7995, 56.7240,
59.5433

■ 20.1503, 11.9199,
11.4747

■ 54.4846, 65.9814,
67.9515

■ 19.0717, 10.5003,
8.8412

■ 60.7352, 76.2120,
77.0350

■ 18.3092, 9.6000,
6.6615

■ 66.7947, 85.8993,
86.5517

■ 17.8018, 9.0861,
4.9480

■ 68.4172, 86.5483,
95.0957

■ 70.1443, 87.2391,
104.1903

Harmonies

Analogous

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



30.6519, 28.8319, 38.0778



31.3837, 28.8319, 32.3448



31.0078, 28.8319, 26.9893

Triad

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



31.3837, 28.8319, 32.3448



25.8197, 28.8319, 22.4977



25.2758, 28.8319, 41.2290

Complementary

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



31.3837, 28.8319, 32.3448



31.4153, 37.3621, 38.8153

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.



24.0906, 28.8319, 36.2515



31.3837, 28.8319, 32.3448



24.3938, 28.8319, 25.5404

Square

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



31.3837, 28.8319, 32.3448



27.7342, 28.8319, 21.7162



23.7756, 28.8319, 30.4601



27.0761, 28.8319, 43.5868

Rectangle

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



31.3837, 28.8319, 32.3448



30.1887, 28.8319, 24.2767



23.7756, 28.8319, 30.4601



24.7958, 28.8319, 39.7796

Sweetspot

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



31.3845, 28.8332, 32.3454



66.4797, 67.4027, 74.1683



30.8403, 28.3191, 42.8706



14.3486, 14.4907, 15.9612



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.



31.3845, 28.8332, 32.3454



54.5275, 48.5395, 54.6426



31.2398, 29.9986, 27.8123



8.1143, 8.0590, 8.9129



13.2709, 6.7709, 3.8062



0.3953, 0.1988, 0.2435

Inverse Universe

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



31.3845, 28.8332, 32.3454



54.5275, 48.5395, 54.6426



31.5368, 35.8436, 44.2863



8.1143, 8.0590, 8.9129



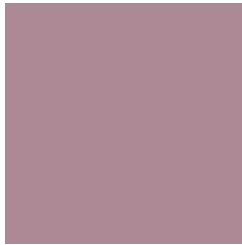
13.2709, 6.7709, 3.8062



0.3953, 0.1988, 0.2435

Previews

White Background



This preview shows how the XYZ color 31.3837, 28.8319, 32.3448 looks on a white background.

Color Contrast Check

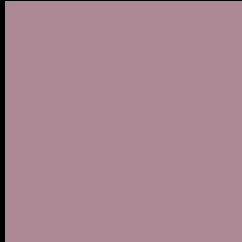
Large Text (above 18pt) WCAG AA ✓ Pass

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 31.3837, 28.8319, 32.3448 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

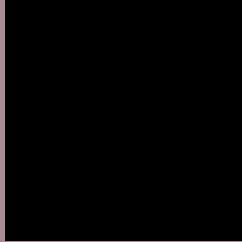
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 31.3837, 28.8319, 32.3448

Background



This preview shows how black text looks on a background with the XYZ color 31.3837, 28.8319, 32.3448.



This preview shows how white text looks on a background with the XYZ color 31.3837, 28.8319,

32.3448.

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

31.3837, 28.8319, 32.3448

Protanopia

28.1442, 29.0939, 34.7042

Deuteranopia

29.5155, 28.9577, 32.0507



Tritanopia

31.3042, 28.8001, 31.9260

Trichromacy



Original Color

31.3837, 28.8319, 32.3448

Protanomaly

29.2003, 28.9798, 33.7604

Deuteranomaly

30.0332, 28.7868, 31.9905

Tritanomaly

31.3042, 28.8001, 31.9260

Monochromacy



Original Color

31.3837, 28.8319, 32.3448

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 31.3837, 28.8319, 32.3448 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, 137, 149)` looks like.

```
.text, #text, p{  
    color:rgb(172, 137, 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, 137, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 137, 149) }
```

Border

The CSS property to change the border of an element to XYZ 31.3837, 28.8319, 32.3448 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, 137, 149) }
```


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

```
.border{ border-color:rgb(172, 137, 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, 137, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 137, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 137, 149);  
box-shadow:4px 4px 4px 4px rgb(172, 137,  
149) }
```

Background

The CSS property to change the background color of an element to XYZ 31.3837, 28.8319, 32.3448 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 137, 149) }
```

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

```
.background{ background-color: rgb(172,  
137, 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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