

Converting Colors

XYZ(31.4684, 28.8172, 32.9489)

Have a look what the booklet for
XYZ(31.4684, 28.8172, 32.9489)
contains.

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Color

**XYZ(31.4639, 28.8640,
32.7671)**

Conversions

Conversions Part 1

Format	Color
Hex	AC8996
RGB	172, 137, 150
RGB Percent	67%, 54%, 59%
CMY	0.3255, 0.4627, 0.4118
CMYK	0.00, 0.20, 0.13, 0.33
HSL	338°, 17%, 61%
HSV	338°, 20%, 67%
XYZ	31.4639, 28.8640, 32.7671
YIQ	148.9470, 16.6870, 11.4630

Conversions

Conversions Part 2

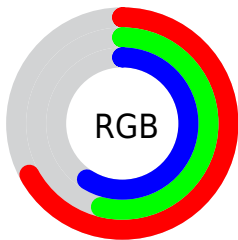
Format	Color
RYB	172, 137, 150
Decimal	11307414
CIELab	60.66, 15.44, -1.85
CIElCh	61, 15.555, 353.165
Yxy	28.8640, 0.3380, 0.3100
Android (android.graphics.Color)	4289497494 (0xFFAC8996)
YUV	148.9470, 0.5191, 20.2175
Hunter-Lab	53.7252, 10.5185, 1.4466

Details

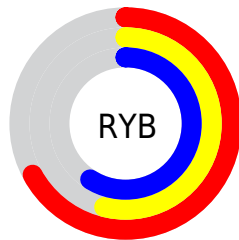
The XYZ color **31.4639, 28.8640, 32.7671** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **31.3282, 37.3273, 38.3564**, and the grayscale version is **28.5384, 30.0246, 32.6968**.

A 20% lighter version of the original color is **61.5248, 58.1152, 65.1014**, and **13.2681, 11.6392, 13.3517** is the 20% darker color. If you saturate the color by 10%, you get **28.3803, 24.0262, 27.6400**, and if you desaturate by 10%, it is **35.0193, 34.5161, 38.4485**.

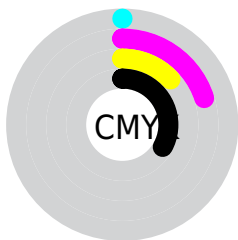
Distribution



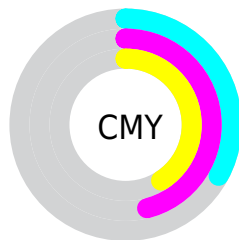
- Red (67%)
- Green (54%)
- Blue (59%)



- Red (67%)
- Yellow (54%)
- Blue (59%)



- Cyan (0%)
- Magenta (20%)
- Yellow (13%)
- Black (33%)





- Cyan (33%)
- Magenta (46%)
- Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 31.4639, 28.8640, 32.7671 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 31.4639, 28.8640, 32.7671 by changing the saturation by 10% instead.

 31.4639, 28.8640,
32.7671


 31.4639, 28.8640,
32.7671


300.4587,
296.5727, 329.1987


 21.1059, 18.9780,
21.6784


 61.3406, 57.8609,
65.1236

 13.3143, 11.6544,
13.4248


 81.5900, 77.7406,
87.2284

 7.7238, 6.5088,
7.5875


 105.8672,
101.7203, 113.8425

 3.9691, 3.1568,
3.7482

134.5377,
130.1844, 145.3842

 1.6847, 1.2142,
1.4883

167.9667,
163.5173, 182.2721

 0.4466, 0.0732,
0.2092

206.5197,

 0.0000, 0.0000,

202.1034, 224.9248

0.0000

250.5619,
246.3271, 273.7609

■ 31.4639, 28.8640,
32.7671

■ 31.4639, 28.8640,
32.7671

■ 28.3803, 24.0262,
27.6400

■ 35.0193, 34.5161,
38.4485

■ 25.7454, 19.9611,
23.0480

■ 39.0633, 41.0137,
44.6991

■ 23.5379, 16.6292,
18.9730


■ 43.6149, 48.3915,
51.5355

■ 21.7336, 13.9860,
15.3954


■ 48.6913, 56.6807,
58.9730


■ 20.3059, 11.9821,
12.2940


■ 54.3089, 65.9112,
67.0262


 19.2245, 10.5615,
9.6459


 60.4835, 76.1113,
75.7094

 18.4543, 9.6581,
7.4256

 66.4580, 85.7646,
84.7788

 17.9352, 9.1395,
5.6508

 67.9865, 86.3760,
92.8277

 69.6102, 87.0254,
101.3779

Harmonies

Analogous

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



30.6537, 28.8640, 38.5606



31.4639, 28.8640, 32.7671



31.1528, 28.8640, 27.2619

Triad

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



31.4639, 28.8640, 32.7671



25.9383, 28.8640, 22.2905



25.1765, 28.8640, 41.1718

Complementary

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



31.4639, 28.8640, 32.7671



31.3282, 37.3273, 38.3564

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.



24.0242, 28.8640, 35.9982



31.4639, 28.8640, 32.7671



24.4487, 28.8640, 25.2340

Square

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



31.4639, 28.8640, 32.7671



27.8980, 28.8640, 21.6479



23.7644, 28.8640, 30.1259



26.9759, 28.8640, 43.7828

Rectangle

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



31.4639, 28.8640, 32.7671



30.3585, 28.8640, 24.4318



23.7644, 28.8640, 30.1259



24.7043, 28.8640, 39.6465

Sweetspot

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



31.4647, 28.8653, 32.7677



66.5294, 67.4226, 74.4298



30.6087, 28.1997, 42.8598



14.3605, 14.4954, 16.0235



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.



31.4647, 28.8653, 32.7677



54.6954, 48.6067, 55.5271



31.0668, 29.6525, 27.7546



8.1236, 8.0627, 8.9619



13.3713, 6.8111, 4.3350



0.3989, 0.2002, 0.2624

Inverse Universe

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



31.4647, 28.8653, 32.7677



54.6954, 48.6067, 55.5271



31.7511, 36.2721, 44.3577



8.1236, 8.0627, 8.9619



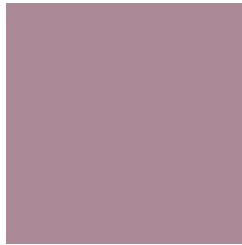
13.3713, 6.8111, 4.3350



0.3989, 0.2002, 0.2624

Previews

White Background



This preview shows how the XYZ color 31.4639, 28.8640, 32.7671 looks on a white background.

Color Contrast Check

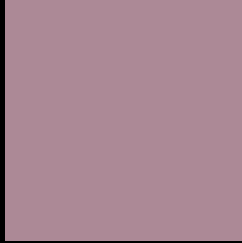
Large Text (above 18pt) WCAG AA ✓ Pass

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 31.4639, 28.8640, 32.7671 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

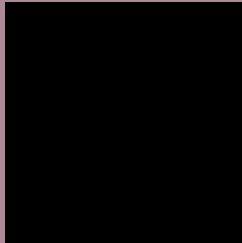
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 31.4639, 28.8640, 32.7671

Background



This preview shows how black text looks on a background with the XYZ color 31.4639, 28.8640, 32.7671.



This preview shows how white text looks on a background with the XYZ color 31.4639, 28.8640,

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

31.4639, 28.8640, 32.7671

Protanopia

28.2279, 29.1274, 35.1447

Deuteranopia

29.3959, 28.8869, 32.4602



Tritanopia

31.3042, 28.8001, 31.9260

Trichromacy



Original Color

31.4639, 28.8640, 32.7671

Protanomaly

29.2825, 29.0127, 34.1937

Deuteranomaly

30.1127, 28.8186, 32.4092

Tritanomaly

31.3837, 28.8319, 32.3448

Monochromacy



Original Color

31.4639, 28.8640, 32.7671

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 31.4639, 28.8640, 32.7671 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, 150)` looks like.

```
.text, #text, p{  
    color:rgb(172, 137, 150)  
}
```

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, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 137, 150) }
```

Border

The CSS property to change the border of an element to XYZ 31.4639, 28.8640, 32.7671 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, 150) }
```


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

```
.border{ border-color:rgb(172, 137, 150) }
```

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, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 137, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 137, 150);  
box-shadow:4px 4px 4px 4px rgb(172, 137,  
150) }
```

Background

The CSS property to change the background color of an element to XYZ 31.4639, 28.8640, 32.7671 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, 150) }
```

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

```
.background{ background-color: rgb(172,  
137, 150) }
```

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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