

Converting Colors

XYZ(31.6227, 28.4959, 36.4280)

Have a look what the booklet for
XYZ(31.6227, 28.4959, 36.4280)
contains.

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Color

**XYZ(31.7166, 28.4891,
36.6282)**

Conversions

Conversions Part 1

Format	Color
Hex	AB879F
RGB	171, 135, 159
RGB Percent	67%, 53%, 62%
CMY	0.3294, 0.4706, 0.3765
CMYK	0.00, 0.21, 0.07, 0.33
HSL	320°, 18%, 60%
HSV	320°, 21%, 67%
XYZ	31.7166, 28.4891, 36.6282
YIQ	148.5000, 13.7520, 15.0960

Conversions

Conversions Part 2

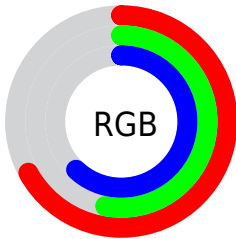
Format	Color
RYB	171, 135, 159
Decimal	11241375
CIELab	60.33, 17.81, -7.50
CIELCh	60, 19.319, 337.169
Yxy	28.4891, 0.3275, 0.2942
Android (android.graphics.Color)	4289431455 (0xFFAB879F)
YUV	148.5000, 5.1765, 19.7325
Hunter-Lab	53.3752, 12.6617, -3.3246

Details

The XYZ color **31.7166, 28.4891, 36.6282** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **29.8222, 36.3841, 33.0565**, and the grayscale version is **28.3329, 29.8084, 32.4614**.

A 20% lighter version of the original color is **61.7994, 57.1524, 71.3927**, and **13.4265, 11.4313, 15.6862** is the 20% darker color. If you saturate the color by 10%, you get **29.0366, 23.9022, 33.3504**, and if you desaturate by 10%, it is **34.8043, 33.8541, 40.1551**.

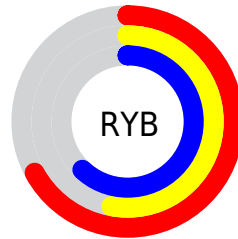
Distribution



Red (67%)

Green (53%)

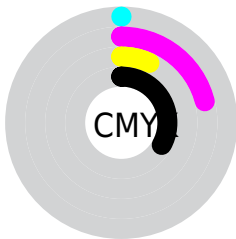
Blue (62%)



Red (67%)

Yellow (53%)

Blue (62%)

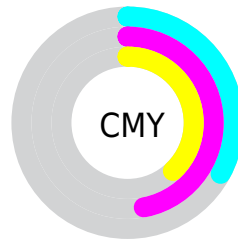


Cyan (0%)

Magenta (21%)

Yellow (7%)

Black (33%)



Cyan (33%)

Magenta (47%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 31.7166, 28.4891, 36.6282 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 31.7166, 28.4891, 36.6282 by changing the saturation by 10% instead.

■ 31.7166, 28.4891,
36.6282

■ 31.7166, 28.4891,
36.6282

301.5945,
294.7967, 346.8181

■ 21.2996, 18.6947,
24.6262

■ 61.7347, 57.2644,
71.1805

■ 13.4569, 11.4499,
15.5823

■ 82.0666, 77.0140,
94.5679

■ 7.8231, 6.3703,
9.0779

■ 106.4342,
100.8508, 122.5876

■ 4.0328, 3.0715,
4.6945

135.2028,
129.1593, 155.6580

■ 1.7207, 1.1692,
2.0136

168.7377,
162.3237, 194.1977

■ 0.4692, 0.0363,
0.5636

207.4044,

■ 0.0000, 0.0000,

200.7284, 238.6253

0.0000

251.5683,
244.7580, 289.3592

■ 31.7166, 28.4891,
36.6282

■ 31.7166, 28.4891,
36.6282

■ 29.0366, 23.9022,
33.3504

■ 34.8043, 33.8541,
40.1551

■ 26.7431, 20.0528,
30.3122

■ 38.3146, 40.0276,
43.9366

■ 24.8171, 16.9028,
27.5061

■ 42.2645, 47.0429,
47.9802

■ 23.2365, 14.4086,
24.9231

■ 46.6696, 54.9305,
52.2923

■ 21.9771, 12.5221,
22.5535

■ 51.5443, 63.7192,
56.8793

■ 21.0110, 11.1884,
20.3865

■ 56.9028, 73.4366,
61.7472

■ 20.3055, 10.3426,
18.4094

■ 62.7585, 84.1089,
66.9019

■ 19.8318, 9.8728,
16.7786

■ 63.5267, 84.5668,
70.4830

■ 64.2258, 84.8465,
74.1648

Harmonies

Analogous

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



30.0634, 28.4891, 43.2289



31.7166, 28.4891, 36.6282



32.0919, 28.4891, 29.3460

Triad

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



31.7166, 28.4891, 36.6282



26.4871, 28.4891, 19.3438



23.4520, 28.4891, 40.0270

Complementary

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



31.7166, 28.4891, 36.6282



29.8222, 36.3841, 33.0565

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.



22.6156, 28.4891, 32.7560



31.7166, 28.4891, 36.6282



24.2972, 28.4891, 21.3576

Square

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



31.7166, 28.4891, 36.6282



28.9714, 28.4891, 20.0557



22.9153, 28.4891, 26.0152



25.2690, 28.4891, 45.3909

Rectangle

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



31.7166, 28.4891, 36.6282



31.5474, 28.4891, 25.1907



22.9153, 28.4891, 26.0152



23.0521, 28.4891, 37.6851

Sweetspot

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



31.7174, 28.4904, 36.6288



65.3439, 65.9122, 75.2057



28.0485, 26.4727, 42.1600



14.4845, 14.5450, 16.6768



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.



31.7174, 28.4904, 36.6288



54.6076, 47.2485, 62.9673



30.2673, 27.9103, 28.9927



8.2218, 8.1020, 9.4790



14.9752, 7.4526, 12.7809



0.4406, 0.2169, 0.4819

Inverse Universe

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



31.7174, 28.4904, 36.6288



54.6076, 47.2485, 62.9673



31.3471, 36.9941, 41.0864



8.2218, 8.1020, 9.4790



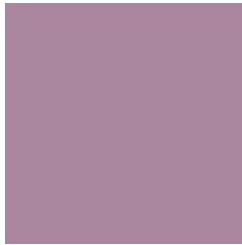
14.9752, 7.4526, 12.7809



0.4406, 0.2169, 0.4819

Previews

White Background



This preview shows how the XYZ color 31.7166, 28.4891, 36.6282 looks on a white background.

Color Contrast Check

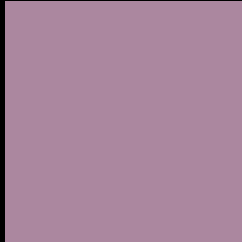
Large Text (above 18pt) WCAG AA ✓ Pass

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 31.7166, 28.4891, 36.6282 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

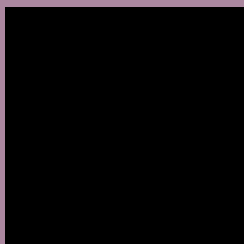
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 31.7166, 28.4891, 36.6282

Background



This preview shows how black text looks on a background with the XYZ color 31.7166, 28.4891, 36.6282.



This preview shows how white text looks on a background with the XYZ color 31.7166, 28.4891,

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

31.7166, 28.4891, 36.6282

Protanopia

28.0723, 28.7182, 39.6609

Deuteranopia

29.1710, 28.6846, 36.3470



Tritanopia

30.6531, 28.4645, 31.8956

Trichromacy



Original Color

31.7166, 28.4891, 36.6282

Protanomaly

29.2726, 28.4664, 38.6021

Deuteranomaly

29.9014, 28.4074, 36.2550

Tritanomaly

31.0492, 28.4214, 33.5552

Monochromacy



Original Color

31.7166, 28.4891, 36.6282

Achromatopsia

28.5667, 30.0544, 32.7292

Achromatomaly

29.6277, 29.4145, 34.2530

CSS Examples

Text

The CSS property to change the color of the text to XYZ 31.7166, 28.4891, 36.6282 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(171, 135, 159)` looks like.

```
.text, #text, p{  
    color:rgb(171, 135, 159)  
}
```

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(171, 135, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 135, 159) }
```

Border

The CSS property to change the border of an element to XYZ 31.7166, 28.4891, 36.6282 is called "border". The border property can be set on classes, ids or directly on the HTML element.

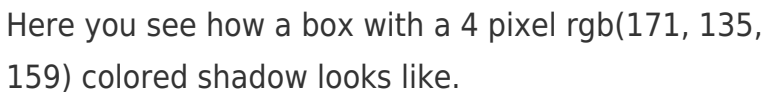
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(171, 135, 159) }
```


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

```
.border{ border-color:rgb(171, 135, 159) }
```

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



Here you see how a box with a 4 pixel `rgb(171, 135, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(171, 135, 159); -webkit-box-shadow:4px 4px 4px 4px rgb(171, 135, 159); box-shadow:4px 4px 4px 4px rgb(171, 135, 159) }
```

Background

The CSS property to change the background color of an element to XYZ 31.7166, 28.4891, 36.6282 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 135, 159) }
```

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

```
.background{ background-color: rgb(171,  
135, 159) }
```

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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