

Converting Colors

XYZ(30.9992, 27.8659, 32.0591)

Have a look what the booklet for
XYZ(30.9992, 27.8659, 32.0591)
contains.

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Color

**XYZ(31.0459, 27.8292,
32.1690)**

Conversions

Conversions Part 1

Format	Color
Hex	AD8595
RGB	173, 133, 149
RGB Percent	68%, 52%, 58%
CMY	0.3216, 0.4784, 0.4157
CMYK	0.00, 0.23, 0.14, 0.32
HSL	336°, 20%, 60%
HSV	336°, 23%, 68%
XYZ	31.0459, 27.8292, 32.1690
YIQ	146.7840, 18.7040, 13.4560

Conversions

Conversions Part 2

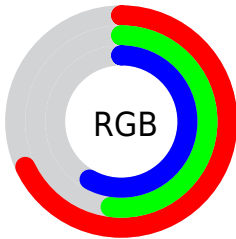
Format	Color
R_{YB}	173, 133, 149
Decimal	11371925
CIE Lab	59.73, 17.90, -2.63
CIE LCh	60, 18.095, 351.644
Yxy	27.8292, 0.3410, 0.3057
Android (android.graphics.Color)	4289562005 (0xFFAD8595)
YUV	146.7840, 1.0925, 22.9914
Hunter-Lab	52.7534, 12.7306, 0.7723

Details

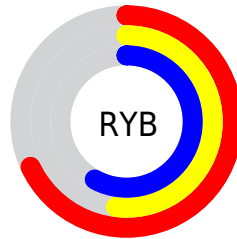
The XYZ color **31.0459, 27.8292, 32.1690** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **30.7034, 37.3087, 37.4831**, and the grayscale version is **27.6348, 29.0740, 31.6616**.

A 20% lighter version of the original color is **60.6515, 56.0876, 64.1292**, and **13.0436, 11.0614, 13.0029** is the 20% darker color. If you saturate the color by 10%, you get **28.0775, 23.1600, 27.2712**, and if you desaturate by 10%, it is **34.4799, 33.3107, 37.5871**.

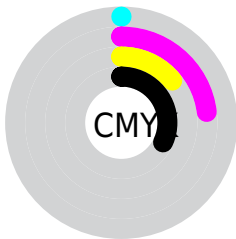
Distribution



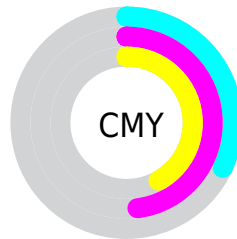
- Red (68%)
- Green (52%)
- Blue (58%)



- Red (68%)
- Yellow (52%)
- Blue (58%)



- Cyan (0%)
- Magenta (23%)
- Yellow (14%)
- Black (32%)



- Cyan (32%)
- Magenta (48%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 31.0459, 27.8292, 32.1690 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 31.0459, 27.8292, 32.1690 by changing the saturation by 10% instead.

■ 31.0459, 27.8292,
32.1690

■ 31.0459, 27.8292,
32.1690

298.5728,
291.6499, 326.4048

■ 20.7858, 18.1969,
21.2247

■ 60.6877, 56.2116,
64.1769

■ 13.0791, 11.0915,
13.0955

■ 80.8001, 75.7306,
86.0776

■ 7.5604, 6.1284,
7.3629

■ 104.9273, 99.3139,
112.4676

■ 3.8644, 2.9233,
3.6082

133.4346,
127.3460, 143.7653

■ 1.6257, 1.0918,
1.4130

166.6875,
160.2113, 180.3894

■ 0.4091, 0.0000,
0.1518

205.0513,

■ 0.0000, 0.0000,

198.2941, 222.7583

0.0000

248.8913,
241.9788, 271.2906

■ 31.0459, 27.8292,
32.1690

■ 31.0459, 27.8292,
32.1690

■ 28.0775, 23.1600,
27.2712

■ 34.4799, 33.3107,
37.5871

■ 25.5513, 19.2603,
22.8756

■ 38.3967, 39.6370,
43.5395

■ 23.4455, 16.0893,
18.9652


■ 42.8155, 46.8434,
50.0417


■ 21.7351, 13.6006,
15.5216


■ 47.7539, 54.9620,
57.1080


■ 20.3927, 11.7428,
12.5246


■ 53.2285, 64.0236,
64.7522


 19.3868, 10.4565,
9.9525


 59.2551, 74.0571,
72.9876

 18.6802, 9.6714,
7.7808

 65.8489, 85.0904,
81.8269

 18.3139, 9.3164,
6.4945

 67.5660, 86.2332,
89.4631

 69.0852, 86.8409,
97.4632

Harmonies

Analogous

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



30.0523, 27.8292, 38.8101



31.0459, 27.8292, 32.1690



30.7537, 27.8292, 25.8881

Triad

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



31.0459, 27.8292, 32.1690



24.8613, 27.8292, 20.0354



23.8141, 27.8292, 41.2924

Complementary

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



31.0459, 27.8292, 32.1690



30.7034, 37.3087, 37.4831

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.



22.5693, 27.8292, 35.1894



31.0459, 27.8292, 32.1690



23.1492, 27.8292, 23.1369

Square

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



31.0459, 27.8292, 32.1690



27.0952, 27.8292, 19.4682



22.3331, 27.8292, 28.5073



25.8168, 27.8292, 44.5522

Rectangle

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



31.0459, 27.8292, 32.1690



29.8760, 27.8292, 22.6773



22.3331, 27.8292, 28.5073



23.2980, 27.8292, 39.4670

Sweetspot

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



31.0467, 27.8305, 32.1696



65.8520, 66.2662, 73.5926



29.8360, 26.9617, 43.1671



14.2242, 14.2606, 15.8615



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.



31.0467, 27.8305, 32.1696



52.6463, 45.1749, 52.7891



30.4138, 28.4703, 26.0841



8.1330, 8.0664, 9.0111



13.4808, 6.8549, 4.9115



0.4025, 0.2017, 0.2813

Inverse Universe

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



31.0467, 27.8305, 32.1696



52.6463, 45.1749, 52.7891



31.4046, 36.3803, 44.9024



8.1330, 8.0664, 9.0111



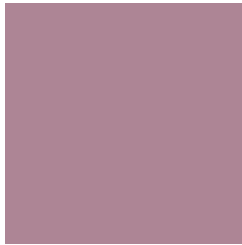
13.4808, 6.8549, 4.9115



0.4025, 0.2017, 0.2813

Previews

White Background



This preview shows how the XYZ color 31.0459, 27.8292, 32.1690 looks on a white background.

Color Contrast Check

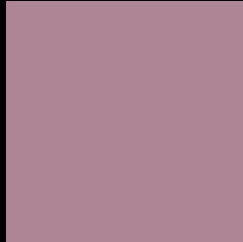
Large Text (above 18pt) WCAG AA ✓ Pass

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 31.0459, 27.8292, 32.1690 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

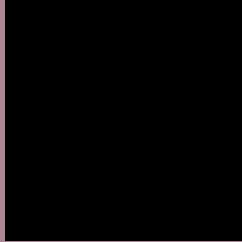
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 31.0459, 27.8292, 32.1690

Background



This preview shows how black text looks on a background with the XYZ color 31.0459, 27.8292, 32.1690.



This preview shows how white text looks on a background with the XYZ color 31.0459, 27.8292,

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

31.0459, 27.8292, 32.1690

Protanopia

27.0665, 27.8511, 34.9596

Deuteranopia

28.4337, 27.9622, 31.9156



Tritanopia

30.5724, 27.8345, 30.1468

Trichromacy



Original Color

31.0459, 27.8292, 32.1690

Protanomaly

28.3088, 27.6352, 33.9791

Deuteranomaly

29.1912, 27.7108, 31.8272

Tritanomaly

30.7267, 27.8962, 30.9592

Monochromacy



Original Color

31.0459, 27.8292, 32.1690

Achromatopsia

27.7328, 29.1771, 31.7738

Achromatomaly

28.7286, 28.5520, 32.0139

CSS Examples

Text

The CSS property to change the color of the text to XYZ 31.0459, 27.8292, 32.1690 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, 133, 149)` looks like.

```
.text, #text, p{  
    color:rgb(173, 133, 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(173, 133, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 133, 149) }
```

Border

The CSS property to change the border of an element to XYZ 31.0459, 27.8292, 32.1690 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, 133, 149) }
```


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

```
.border{ border-color:rgb(173, 133, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 133, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 133, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 133, 149);  
box-shadow:4px 4px 4px 4px rgb(173, 133,  
149) }
```

Background

The CSS property to change the background color of an element to XYZ 31.0459, 27.8292, 32.1690 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 133, 149) }
```

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

```
.background{ background-color: rgb(173,  
133, 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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