

Converting Colors

XYZ(31.3876, 27.7912, 34.6981)

Have a look what the booklet for
XYZ(31.3876, 27.7912, 34.6981)
contains.

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Color

**XYZ(31.4012, 27.7533,
34.7122)**

Conversions

Conversions Part 1

Format	Color
Hex	AD849B
RGB	173, 132, 155
RGB Percent	68%, 52%, 61%
CMY	0.3216, 0.4823, 0.3922
CMYK	0.00, 0.24, 0.10, 0.32
HSL	326°, 20%, 60%
HSV	326°, 24%, 68%
XYZ	31.4012, 27.7533, 34.7122
YIQ	146.8810, 17.0530, 15.8450

Conversions

Conversions Part 2

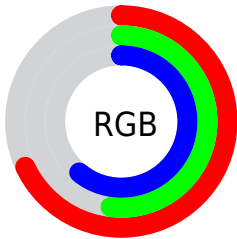
Format	Color
R_{YB}	173, 132, 155
Decimal	11371675
CIE _{Lab}	59.67, 19.51, -6.17
CIE _{LCh}	60, 20.461, 342.450
Yxy	27.7533, 0.3345, 0.2957
Android (android.graphics.Color)	4289561755 (0xFFAD849B)
YUV	146.8810, 4.0027, 22.9064
Hunter-Lab	52.6814, 14.2040, -2.1897

Details

The XYZ color **31.4012, 27.7533, 34.7122** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **29.9654, 36.9954, 34.4173**, and the grayscale version is **27.6637, 29.1044, 31.6947**.

A 20% lighter version of the original color is **61.1707, 55.9594, 67.8988**, and **13.2617, 11.0271, 14.5262** is the 20% darker color. If you saturate the color by 10%, you get **28.6291, 23.1977, 30.7394**, and if you desaturate by 10%, it is **34.6041, 33.1055, 39.0273**.

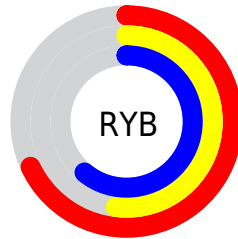
Distribution



Red (68%)

Green (52%)

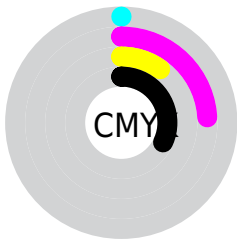
Blue (61%)



Red (68%)

Yellow (52%)

Blue (61%)

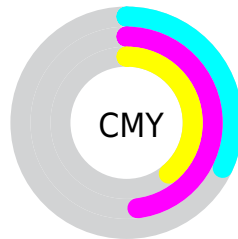


Cyan (0%)

Magenta (24%)

Yellow (10%)

Black (32%)



Cyan (32%)

Magenta (48%)

Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 31.4012, 27.7533, 34.7122 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 31.4012, 27.7533, 34.7122 by changing the saturation by 10% instead.

■ 31.4012, 27.7533,
34.7122

■ 31.4012, 27.7533,
34.7122

300.1764,
291.2862, 338.1618

■ 21.0579, 18.1398,
23.1595

■ 61.2427, 56.0903,
68.1862

■ 13.2790, 11.0504,
14.5049

■ 81.4716, 75.5826,
90.9445

■ 7.6993, 6.1007,
8.3299

■ 105.7264, 99.1366,
118.2752

■ 3.9533, 2.9064,
4.2160

134.3725,
127.1368, 150.5967

■ 1.6758, 1.0831,
1.7446

167.7752,
159.9674, 188.3275

■ 0.4410, 0.0000,
0.3910

206.2998,

■ 0.0000, 0.0000,

198.0129, 231.8863

0.0000

250.3118,
241.6577, 281.6915

■ 31.4012, 27.7533,
34.7122

■ 31.4012, 27.7533,
34.7122

■ 28.6291, 23.1977,
30.7394

■ 34.6041, 33.1055,
39.0273

■ 26.2654, 19.3964,
27.0968

■ 38.2540, 39.2865,
43.6925

■ 24.2895, 16.3087,
23.7742

■ 42.3690, 46.3314,
48.7177

■ 22.6777, 13.8886,
20.7598

■ 46.9656, 54.2720,
54.1118

■ 21.4036, 12.0846,
18.0409

■ 52.0595, 63.1385,
59.8832

■ 20.4372, 10.8378,
15.6034

■ 57.6656, 72.9598,
66.0401

■ 19.7422, 10.0774,
13.4310

■ 63.7983, 83.7634,
72.5903

■ 19.3934, 9.7482,
12.1793

■ 65.3582, 85.3501,
77.8372

■ 66.3619, 85.7516,
83.1226

Harmonies

Analogous

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



29.8735, 27.7533, 41.9713



31.4012, 27.7533, 34.7122



31.5298, 27.7533, 27.2558

Triad

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



31.4012, 27.7533, 34.7122



25.3228, 27.7533, 18.3521



22.8823, 27.7533, 40.8673

Complementary

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



31.4012, 27.7533, 34.7122



29.9654, 36.9954, 34.4173

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.



21.8215, 27.7533, 33.3888



31.4012, 27.7533, 34.7122



23.1676, 27.7533, 20.8943

Square

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



31.4012, 27.7533, 34.7122



27.9043, 27.7533, 18.5879



21.9225, 27.7533, 26.1306



24.9097, 27.7533, 45.9041

Rectangle

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



31.4012, 27.7533, 34.7122



30.7940, 27.7533, 23.2134



21.9225, 27.7533, 26.1306



22.4069, 27.7533, 38.5079

Sweetspot

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



31.4020, 27.7545, 34.7128



66.1795, 66.3972, 75.3173



28.3300, 25.9830, 43.0576



14.3007, 14.2912, 16.2645



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.



31.4020, 27.7545, 34.7128



53.7656, 45.6227, 58.6834



29.8402, 27.1298, 26.4886



8.1863, 8.0878, 9.2917



14.2764, 7.1731, 9.1007



0.4240, 0.2103, 0.3948

Inverse Universe

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



31.4020, 27.7545, 34.7128



53.7656, 45.6227, 58.6834



31.7411, 37.7057, 43.7680



8.1863, 8.0878, 9.2917



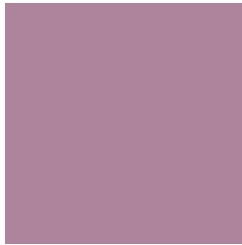
14.2764, 7.1731, 9.1007



0.4240, 0.2103, 0.3948

Previews

White Background



This preview shows how the XYZ color 31.4012, 27.7533, 34.7122 looks on a white background.

Color Contrast Check

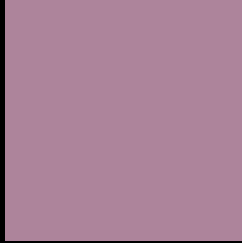
Large Text (above 18pt) WCAG AA ✓ Pass

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 31.4012, 27.7533, 34.7122 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 31.4012, 27.7533, 34.7122

Background



This preview shows how black text looks on a background with the XYZ color 31.4012, 27.7533, 34.7122.



This preview shows how white text looks on a background with the XYZ color 31.4012, 27.7533,

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

31.4012, 27.7533, 34.7122

Protanopia

27.3286, 27.9163, 38.1304

Deuteranopia

28.5372, 27.9593, 34.4645



Tritanopia

30.5724, 27.8345, 30.1468

Trichromacy



Original Color

31.4012, 27.7533, 34.7122

Protanomaly

28.6275, 27.7407, 36.6466

Deuteranomaly

29.4763, 27.8015, 34.3845

Tritanomaly

30.7461, 27.6838, 31.7400

Monochromacy



Original Color

31.4012, 27.7533, 34.7122

Achromatopsia

27.7328, 29.1771, 31.7738

Achromatomaly

28.8883, 28.6159, 32.8550

CSS Examples

Text

The CSS property to change the color of the text to XYZ 31.4012, 27.7533, 34.7122 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, 132, 155)` looks like.

```
.text, #text, p{  
    color:rgb(173, 132, 155)  
}
```

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, 132, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 132, 155) }
```

Border

The CSS property to change the border of an element to XYZ 31.4012, 27.7533, 34.7122 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, 132, 155) }
```


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

```
.border{ border-color:rgb(173, 132, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 132, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 132, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 132, 155);  
box-shadow:4px 4px 4px 4px rgb(173, 132,  
155) }
```

Background

The CSS property to change the background color of an element to XYZ 31.4012, 27.7533, 34.7122 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 132, 155) }
```

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

```
.background{ background-color: rgb(173,  
132, 155) }
```

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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