

Converting Colors

XYZ(31.0532, 26.5661, 32.9030)

Have a look what the booklet for
XYZ(31.0532, 26.5661, 32.9030)
contains.

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Color

**XYZ(31.0798, 26.6432,
32.7827)**

Conversions

Conversions Part 1

Format	Color
Hex	B07F97
RGB	176, 127, 151
RGB Percent	69%, 50%, 59%
CMY	0.3098, 0.5019, 0.4078
CMYK	0.00, 0.28, 0.14, 0.31
HSL	331°, 24%, 59%
HSV	331°, 28%, 69%
XYZ	31.0798, 26.6432, 32.7827
YIQ	144.3870, 21.5000, 17.8520

Conversions

Conversions Part 2

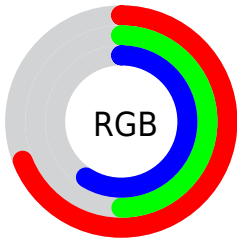
Format	Color
R_{YB}	176, 127, 151
Decimal	11566999
CIE _{Lab}	58.64, 22.73, -5.35
CIE _{LCh}	59, 23.355, 346.750
Yxy	26.6432, 0.3434, 0.2944
Android (android.graphics.Color)	4289757079 (0xFFB07F97)
YUV	144.3870, 3.2602, 27.7246
Hunter-Lab	51.6171, 17.1491, -1.5240

Details

The XYZ color **31.0798, 26.6432, 32.7827** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **29.9464, 37.8305, 35.4312**, and the grayscale version is **26.6471, 28.0348, 30.5299**.

A 20% lighter version of the original color is **60.6194, 54.2061, 65.0254**, and **13.1225, 10.4388, 13.3799** is the 20% darker color. If you saturate the color by 10%, you get **28.3006, 22.2075, 28.3941**, and if you desaturate by 10%, it is **34.3132, 31.8977, 37.5974**.

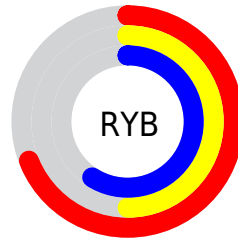
Distribution



Red (69%)

Green (50%)

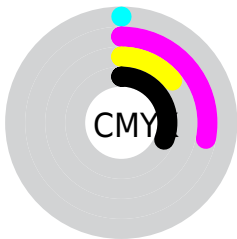
Blue (59%)



Red (69%)

Yellow (50%)

Blue (59%)

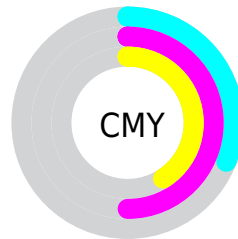


Cyan (0%)

Magenta (28%)

Yellow (14%)

Black (31%)



Cyan (31%)

Magenta (50%)

Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 31.0798, 26.6432, 32.7827 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 31.0798, 26.6432, 32.7827 by changing the saturation by 10% instead.

■ 31.0798, 26.6432,
32.7827

■ 31.0798, 26.6432,
32.7827

298.7261,
285.9254, 329.2714

■ 20.8117, 17.3054,
21.6903

■ 60.7407, 54.3108,
65.1482

■ 13.0981, 10.4525,
13.4334

■ 80.8642, 73.4094,
87.2584

■ 7.5736, 5.7000,
7.5934

■ 105.0036, 96.5304,
113.8782

■ 3.8728, 2.6635,
3.7519

133.5242,
124.0582, 145.4263

■ 1.6305, 0.9587,
1.4902

166.7914,
156.3772, 182.3211

■ 0.4121, 0.0000,
0.2106

205.1706,

■ 0.0000, 0.0000,

193.8718, 224.9812

0.0000

249.0270,
236.9264, 273.8251

■ 31.0798, 26.6432,
32.7827

■ 31.0798, 26.6432,
32.7827

■ 28.3006, 22.2075,
28.3941

■ 34.3132, 31.8977,
37.5974

■ 25.9513, 18.5451,
24.4167

■ 38.0188, 38.0060,
42.8492

■ 24.0090, 15.6118,
20.8366

■ 42.2165, 45.0058,
48.5507

■ 22.4474, 13.3571,
17.6388

■ 46.9242, 52.9312,
54.7134

■ 21.2370, 11.7242,
14.8065

■ 52.1589, 61.8145,
61.3485

■ 20.3436, 10.6468,
12.3212

■ 57.9370, 71.6865,
68.4665

■ 19.7132, 10.0197,
10.1577

■ 64.2740, 82.5768,
76.0777

■ 19.5924, 9.9053,
9.7253

■ 66.9628, 86.0694,
82.7848

■ 68.2051, 86.5664,
89.3265

Harmonies

Analogous

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



29.5565, 26.6432, 41.2333



31.0798, 26.6432, 32.7827



30.9800, 26.6432, 24.6921

Triad

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



31.0798, 26.6432, 32.7827



23.7673, 26.6432, 16.3619



21.7297, 26.6432, 42.1014

Complementary

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



31.0798, 26.6432, 32.7827



29.9464, 37.8305, 35.4312

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.



20.4013, 26.6432, 33.8038



31.0798, 26.6432, 32.7827



21.5154, 26.6432, 19.4779

Square

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



31.0798, 26.6432, 32.7827



26.6087, 26.6432, 16.1921



20.3259, 26.6432, 25.5383



24.0804, 26.6432, 47.2591

Rectangle

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



31.0798, 26.6432, 32.7827



30.0044, 26.6432, 20.5490



20.3259, 26.6432, 25.5383



21.1568, 26.6432, 39.5230

Sweetspot

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



31.0806, 26.6444, 32.7833



68.7377, 68.5728, 77.4149



28.2824, 24.9419, 44.3984



14.6697, 14.4851, 16.4611



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



31.0806, 26.6444, 32.7833



53.3780, 43.5294, 54.7964



29.3256, 25.9424, 23.5419



8.6640, 8.5723, 9.7291



14.4046, 7.2794, 7.2905



0.4827, 0.2408, 0.3848

Inverse Universe

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



31.0806, 26.6444, 32.7833



53.3780, 43.5294, 54.7964



32.1151, 38.6980, 46.8515



8.6640, 8.5723, 9.7291



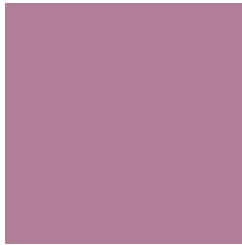
14.4046, 7.2794, 7.2905



0.4827, 0.2408, 0.3848

Previews

White Background



This preview shows how the XYZ color 31.0798, 26.6432, 32.7827 looks on a white background.

Color Contrast Check

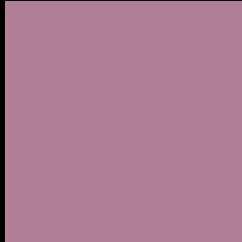
Large Text (above 18pt) WCAG AA ✓ Pass

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 31.0798, 26.6432, 32.7827 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 31.0798, 26.6432, 32.7827

Background



This preview shows how black text looks on a background with the XYZ color 31.0798, 26.6432, 32.7827.



This preview shows how white text looks on a background with the XYZ color 31.0798, 26.6432,

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

31.0798, 26.6432, 32.7827

Protanopia

26.2836, 26.7483, 36.5785

Deuteranopia

27.3194, 26.7366, 32.1546



Tritanopia

30.1897, 26.6786, 27.9844

Trichromacy



Original Color

31.0798, 26.6432, 32.7827

Protanomaly

27.6136, 26.4036, 35.0935

Deuteranomaly

28.5905, 26.5541, 32.4727

Tritanomaly

30.3563, 26.5355, 29.5085

Monochromacy



Original Color

31.0798, 26.6432, 32.7827

Achromatopsia

26.5089, 27.8894, 30.3716

Achromatomaly

28.0652, 27.3515, 31.4039

CSS Examples

Text

The CSS property to change the color of the text to XYZ 31.0798, 26.6432, 32.7827 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(176, 127, 151)` looks like.

```
.text, #text, p{  
    color:rgb(176, 127, 151)  
}
```

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(176, 127, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 127, 151) }
```

Border

The CSS property to change the border of an element to XYZ 31.0798, 26.6432, 32.7827 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(176, 127, 151) }
```


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

```
.border{ border-color:rgb(176, 127, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 127, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 127, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 127, 151);  
box-shadow:4px 4px 4px 4px rgb(176, 127,  
151) }
```

Background

The CSS property to change the background color of an element to XYZ 31.0798, 26.6432, 32.7827 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 127, 151) }
```

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

```
.background{ background-color: rgb(176,  
127, 151) }
```

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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