

Converting Colors

XYZ(31.9688, 26.3849, 31.5185)

Have a look what the booklet for
XYZ(31.9688, 26.3849, 31.5185)
contains.

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Color

**XYZ(31.9567, 26.3713,
31.4228)**

Conversions

Conversions Part 1

Format	Color
Hex	B77B94
RGB	183, 123, 148
RGB Percent	72%, 48%, 58%
CMY	0.2824, 0.5176, 0.4196
CMYK	0.00, 0.33, 0.19, 0.28
HSL	335°, 29%, 60%
HSV	335°, 33%, 72%
XYZ	31.9567, 26.3713, 31.4228
YIQ	143.7900, 27.7350, 20.4950

Conversions

Conversions Part 2

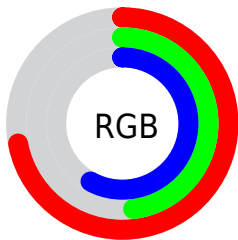
Format	Color
R _Y B	183, 123, 148
Decimal	12024724
CIE Lab	58.39, 27.04, -3.91
CIE LCh	58, 27.323, 351.767
Yxy	26.3713, 0.3561, 0.2938
Android (android.graphics.Color)	4290214804 (0xFFB77B94)
YUV	143.7900, 2.0755, 34.3872
Hunter-Lab	51.3530, 21.2119, -0.3323

Details

The XYZ color **31.9567, 26.3713, 31.4228** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **31.2746, 40.5473, 38.5278**, and the grayscale version is **26.4095, 27.7849, 30.2577**.

A 20% lighter version of the original color is **62.1212, 53.8402, 62.9952**, and **13.5935, 10.2953, 12.5800** is the 20% darker color. If you saturate the color by 10%, you get **29.0888, 21.9259, 26.4883**, and if you desaturate by 10%, it is **35.3284, 31.6990, 36.9104**.

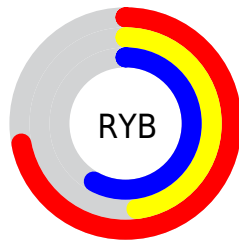
Distribution



Red (72%)

Green (48%)

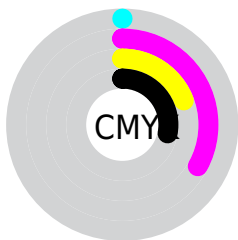
Blue (58%)



Red (72%)

Yellow (48%)

Blue (58%)

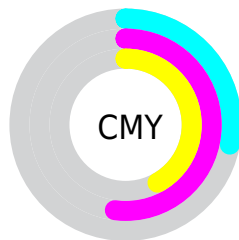


Cyan (0%)

Magenta (33%)

Yellow (19%)

Black (28%)



Cyan (28%)

Magenta (52%)

Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 31.9567, 26.3713, 31.4228 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 31.9567, 26.3713, 31.4228 by changing the saturation by 10% instead.


 31.9567, 26.3713,
31.4228


 31.9567, 26.3713,
31.4228


302.6708,
284.6000, 322.8928


 21.4838, 17.1016,
20.6599


 62.1089, 53.8733,
62.9925

 13.5926, 10.3070,
12.6868

 82.5188, 72.8745,
84.6363

 7.9177, 5.6030,
7.0850


 106.9719, 95.8882,
110.7441

 4.0937, 2.6052,
3.4361

135.8334,
123.2990, 141.7345

 1.7553, 0.9293,
1.3214

169.4687,
155.4912, 178.0261

 0.4905, 0.0000,
0.0792

208.2431,

 0.0000, 0.0000,

192.8491, 220.0373

0.0000

252.5220,
235.7573, 268.1866

■ 31.9567, 26.3713,
31.4228

■ 31.9567, 26.3713,
31.4228

■ 29.0888, 21.9259,
26.4883

■ 35.3284, 31.6990,
36.9104

■ 26.6967, 18.3109,
22.0863

■ 39.2255, 37.9499,
42.9673

■ 24.7529, 15.4746,
18.1972


■ 43.6711, 45.1666,
49.6112


■ 23.2260, 13.3579,
14.7992


■ 48.6861, 53.3882,
56.8582


■ 22.0803, 11.8932,
11.8685


■ 54.2904, 62.6513,
64.7240


 21.2733, 10.9997,
9.3785

 60.5029, 72.9910,
73.2235

 20.8416, 10.5926,
7.8281

 67.3415, 84.4405,
82.3711

 70.0547, 87.4938,
90.5911

 71.6302, 88.1240,
98.8875

Harmonies

Analogous

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



30.4428, 26.3713, 41.6339



31.9567, 26.3713, 31.4228



31.4994, 26.3713, 22.4321

Triad

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



31.9567, 26.3713, 31.4228



22.7632, 26.3713, 14.8205



21.3051, 26.3713, 45.6755

Complementary

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



31.9567, 26.3713, 31.4228



31.2746, 40.5473, 38.5278

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.



19.5728, 26.3713, 36.0708



31.9567, 26.3713, 31.4228



20.3612, 26.3713, 18.7884

Square

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



31.9567, 26.3713, 31.4228



25.9940, 26.3713, 14.1119



19.2432, 26.3713, 26.1653



24.1587, 26.3713, 50.9745

Rectangle

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



31.9567, 26.3713, 31.4228



30.1546, 26.3713, 18.1426



19.2432, 26.3713, 26.1653



20.5832, 26.3713, 42.7543

Sweetspot

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



31.9575, 26.3725, 31.4233



72.2408, 71.1827, 79.9673



29.7318, 24.8553, 48.0306



15.7190, 15.3390, 17.3043



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



31.9575, 26.3725, 31.4233



53.6165, 41.6049, 50.1109



30.8237, 26.9370, 22.3151



9.1556, 9.0726, 10.1670



14.5719, 7.4025, 5.6326



0.5447, 0.2734, 0.3619

Inverse Universe

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



31.9575, 26.3725, 31.4233



53.6165, 41.6049, 50.1109



32.6369, 39.4714, 50.6987



9.1556, 9.0726, 10.1670



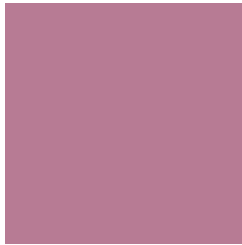
14.5719, 7.4025, 5.6326



0.5447, 0.2734, 0.3619

Previews

White Background



This preview shows how the XYZ color 31.9567, 26.3713, 31.4228 looks on a white background.

Color Contrast Check

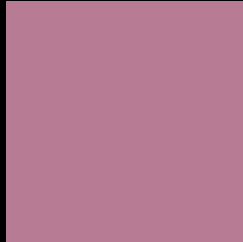
Large Text (above 18pt) WCAG AA ✓ Pass

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 31.9567, 26.3713, 31.4228 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

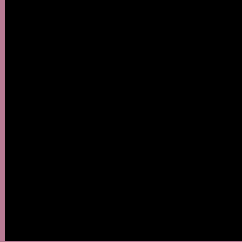
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 31.9567, 26.3713, 31.4228

Background



This preview shows how black text looks on a background with the XYZ color 31.9567, 26.3713, 31.4228.



This preview shows how white text looks on a background with the XYZ color 31.9567, 26.3713,

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

31.9567, 26.3713, 31.4228

Protanopia

26.0309, 26.6281, 36.1155

Deuteranopia

26.9414, 26.3590, 30.8620



Tritanopia

30.9982, 26.3616, 26.3762

Trichromacy



Original Color

31.9567, 26.3713, 31.4228

Protanomaly

27.6843, 26.2533, 34.1801

Deuteranomaly

28.4870, 26.1257, 31.1451

Tritanomaly

31.2327, 26.2538, 28.2323

Monochromacy



Original Color

31.9567, 26.3713, 31.4228

Achromatopsia

26.5089, 27.8894, 30.3716

Achromatomaly

28.0155, 26.9218, 30.5079

CSS Examples

Text

The CSS property to change the color of the text to XYZ 31.9567, 26.3713, 31.4228 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(183, 123, 148)` looks like.

```
.text, #text, p{  
    color:rgb(183, 123, 148)  
}
```

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(183, 123, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 123, 148) }
```

Border

The CSS property to change the border of an element to XYZ 31.9567, 26.3713, 31.4228 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(183, 123, 148) }
```


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

```
.border{ border-color:rgb(183, 123, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 123, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 123, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 123, 148);  
box-shadow:4px 4px 4px 4px rgb(183, 123,  
148) }
```

Background

The CSS property to change the background color of an element to XYZ 31.9567, 26.3713, 31.4228 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 123, 148) }
```

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

```
.background{ background-color: rgb(183,  
123, 148) }
```

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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