

Converting Colors

XYZ(31.5223, 26.5986, 27.8987)

Have a look what the booklet for
XYZ(31.5223, 26.5986, 27.8987)
contains.

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Color

**XYZ(31.5223, 26.5986,
27.8987)**

Conversions

Conversions Part 1

Format	Color
Hex	B77D8B
RGB	183, 125, 139
RGB Percent	72%, 49%, 55%
CMY	0.2824, 0.5098, 0.4549
CMYK	0.00, 0.32, 0.24, 0.28
HSL	346°, 29%, 60%
HSV	346°, 32%, 72%
XYZ	31.5223, 26.5986, 27.8987
YIQ	143.9380, 30.0740, 16.6500

Conversions

Conversions Part 2

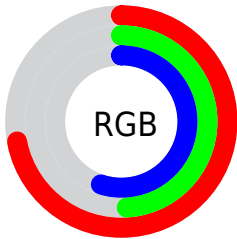
Format	Color
R _Y B	183, 125, 139
Decimal	12025227
CIE Lab	58.60, 24.54, 1.59
CIE LCh	59, 24.592, 3.714
Yxy	26.5986, 0.3665, 0.3092
Android (android.graphics.Color)	4290215307 (0xFFB77D8B)
YUV	143.9380, -2.4344, 34.2574
Hunter-Lab	51.5738, 18.8463, 4.0289

Details

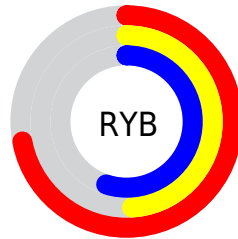
The XYZ color **31.5223, 26.5986, 27.8987** is a dark color, and the websafe version is hex **CC9999**. A complement of this color would be **32.5536, 41.0923, 43.7541**, and the grayscale version is **26.4859, 27.8653, 30.3453**.

A 20% lighter version of the original color is **61.3700, 54.1718, 57.0908**, and **13.3725, 10.4205, 10.7578** is the 20% darker color. If you saturate the color by 10%, you get **28.4647, 22.0049, 22.1884**, and if you desaturate by 10%, it is **35.1371, 32.1000, 34.4310**.

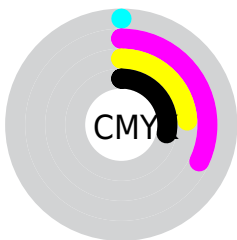
Distribution



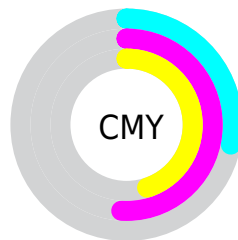
- Red (72%)
- Green (49%)
- Blue (55%)



- Red (72%)
- Yellow (49%)
- Blue (55%)



- Cyan (0%)
- Magenta (32%)
- Yellow (24%)
- Black (28%)





- Cyan (28%)
- Magenta (51%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 31.5223, 26.5986, 27.8987 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 31.5223, 26.5986, 27.8987 by changing the saturation by 10% instead.


 31.5223, 26.5986,
27.8987


 31.5223, 26.5986,
27.8987


300.7215,
285.7083, 305.8792

 21.1507, 17.2720,
18.0109

 61.4317, 54.2391,
57.3438

 13.3473, 10.4286,
10.7883


 81.7002, 73.3217,
77.7383

 7.7468, 5.6840,
5.8123


 105.9984, 96.4252,
102.4720

 3.9838, 2.6539,
2.6643

134.6915,
123.9338, 131.9636

 1.6930, 0.9539,
0.9254

168.1451,
156.2321, 166.6316

 0.4519, 0.0000,
0.0000

206.7243,

 0.0000, 0.0000,

193.7043, 206.8945

0.0000

250.7947,
236.7349, 253.1709

■ 31.5223, 26.5986,
27.8987

■ 31.5223, 26.5986,
27.8987

■ 28.4647, 22.0049,
22.1884

■ 35.1371, 32.1000,
34.4310

■ 25.9337, 18.2662,
17.2653

■ 39.3330, 38.5504,
41.8149

■ 23.8993, 15.3304,
13.0944


■ 44.1354, 45.9934,
50.0804


■ 22.3273, 13.1377,
9.6373


■ 49.5674, 54.4684,
59.2558


■ 21.1789, 11.6202,
6.8521


■ 55.6508, 64.0129,
69.3679


 20.4088, 10.6974,
4.6920

 62.4066, 74.6626,
80.4425

 19.9863, 10.2504,
3.3242

 69.8545, 86.4512,
92.5042

 72.5549, 88.4939,
103.7573

 73.3386, 88.8074,
107.8839

Harmonies

Analogous

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



30.8464, 26.5986, 36.9585



31.5223, 26.5986, 27.8987



30.4195, 26.5986, 20.6850

Triad

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



31.5223, 26.5986, 27.8987



22.1965, 26.5986, 17.2245



22.7985, 26.5986, 46.5543

Complementary

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



31.5223, 26.5986, 27.8987



32.5536, 41.0923, 43.7541

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.



20.7567, 26.5986, 39.1946



31.5223, 26.5986, 27.8987



20.4291, 26.5986, 22.2100

Square

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



31.5223, 26.5986, 27.8987



24.9073, 26.5986, 15.3461



19.9235, 26.5986, 30.0507



25.6587, 26.5986, 48.9021

Rectangle

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



31.5223, 26.5986, 27.8987



28.8717, 26.5986, 17.5288



19.9235, 26.5986, 30.0507



22.0014, 26.5986, 44.5212

Sweetspot

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



31.5230, 26.5998, 27.8992



71.6860, 70.9608, 77.0456



32.1370, 26.4673, 48.2150



15.5813, 15.2839, 16.5796



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.



31.5230, 26.5998, 27.8992



52.5549, 41.7644, 42.7198



32.5363, 30.1596, 23.5101



9.0911, 9.0468, 9.8271



13.9658, 7.1601, 2.4409



0.5173, 0.2624, 0.2178

Inverse Universe

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



31.5230, 26.5998, 27.8992



52.5549, 41.7644, 42.7198



31.1008, 35.9701, 50.1038



9.0911, 9.0468, 9.8271



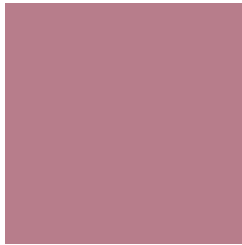
13.9658, 7.1601, 2.4409



0.5173, 0.2624, 0.2178

Previews

White Background



This preview shows how the XYZ color 31.5223, 26.5986, 27.8987 looks on a white background.

Color Contrast Check

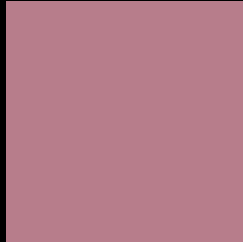
Large Text (above 18pt) WCAG AA ✓ Pass

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 31.5223, 26.5986, 27.8987 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 31.5223, 26.5986, 27.8987

Background



This preview shows how black text looks on a background with the XYZ color 31.5223, 26.5986, 27.8987.



This preview shows how white text looks on a background with the XYZ color 31.5223, 26.5986,

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

31.5223, 26.5986, 27.8987

Protanopia

25.8787, 26.6451, 31.7960

Deuteranopia

27.3656, 26.8656, 27.4102



Tritanopia

31.3625, 26.7383, 26.4297

Trichromacy



Original Color

31.5223, 26.5986, 27.8987

Protanomaly

27.6794, 26.5404, 30.4520

Deuteranomaly

28.7009, 26.7170, 27.6890

Tritanomaly

31.4332, 26.7666, 26.8023

Monochromacy



Original Color

31.5223, 26.5986, 27.8987

Achromatopsia

26.5089, 27.8894, 30.3716

Achromatomaly

27.9287, 27.1134, 29.3526

CSS Examples

Text

The CSS property to change the color of the text to XYZ 31.5223, 26.5986, 27.8987 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, 125, 139)` looks like.

```
.text, #text, p{  
    color:rgb(183, 125, 139)  
}
```

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, 125, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 125, 139) }
```

Border

The CSS property to change the border of an element to XYZ 31.5223, 26.5986, 27.8987 is called "border". The border property can be set on classes, ids or directly on the HTML element.

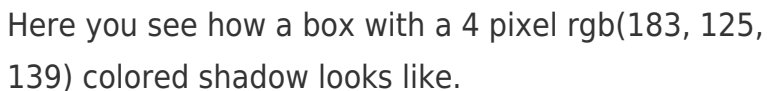
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(183, 125, 139) }
```


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

```
.border{ border-color:rgb(183, 125, 139) }
```

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



Here you see how a box with a 4 pixel `rgb(183, 125, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(183, 125, 139); -webkit-box-shadow:4px 4px 4px 4px rgb(183, 125, 139); box-shadow:4px 4px 4px 4px rgb(183, 125, 139) }
```

Background

The CSS property to change the background color of an element to XYZ 31.5223, 26.5986, 27.8987 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 125, 139) }
```

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

```
.background{ background-color: rgb(183,  
125, 139) }
```

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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