

Converting Colors

XYZ(31.2065, 27.9046, 22.2232)

Have a look what the booklet for
XYZ(31.2065, 27.9046, 22.2232)
contains.

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Color

**XYZ(31.2926, 27.9749,
22.1628)**

Conversions

Conversions Part 1

Format	Color
Hex	B7847A
RGB	183, 132, 122
RGB Percent	72%, 52%, 48%
CMY	0.2824, 0.4823, 0.5216
CMYK	0.00, 0.28, 0.33, 0.28
HSL	10°, 30%, 60%
HSV	10°, 33%, 72%
XYZ	31.2926, 27.9749, 22.1628
YIQ	146.1090, 33.6060, 7.7020

Conversions

Conversions Part 2

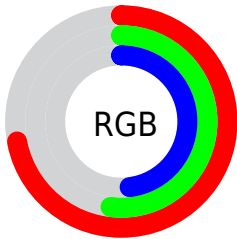
Format	Color
RYB	183, 134, 122
Decimal	12027002
CIELab	59.87, 18.24, 13.16
CIElCh	60, 22.493, 35.794
Yxy	27.9749, 0.3843, 0.3435
Android (android.graphics.Color)	4290217082 (0xFFB7847A)
YUV	146.1090, -11.8857, 32.3534
Hunter-Lab	52.8913, 13.0479, 12.1799

Details

The XYZ color **31.2926, 27.9749, 22.1628** is a dark color, and the websafe version is hex **CC9999**. A complement of this color would be **31.5165, 37.4427, 50.3661**, and the grayscale version is **27.4045, 28.8316, 31.3976**.

A 20% lighter version of the original color is **60.9241, 56.2792, 47.6963**, and **13.1220, 11.1048, 7.7552** is the 20% darker color. If you saturate the color by 10%, you get **28.3391, 23.7148, 16.1010**, and if you desaturate by 10%, it is **34.7654, 32.9316, 29.4517**.

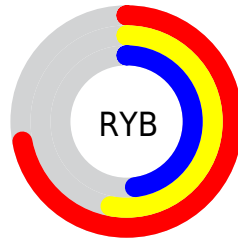
Distribution



Red (72%)

Green (52%)

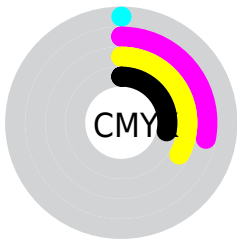
Blue (48%)



Red (72%)

Yellow (53%)

Blue (48%)

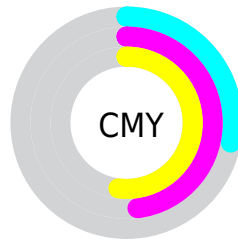


Cyan (0%)

Magenta (28%)

Yellow (33%)

Black (28%)



Cyan (28%)


Magenta (48%)


Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 31.2926, 27.9749, 22.1628 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 31.2926, 27.9749, 22.1628 by changing the saturation by 10% instead.


 31.2926, 27.9749,
22.1628


 31.2926, 27.9749,
22.1628


299.6869,
292.3470, 276.3765


 20.9747, 18.3067,
13.7771


 61.0732, 56.4444,
47.9206

 13.2178, 11.1704,
7.8288


 81.2665, 76.0145,
66.1297

 7.6568, 6.1816,
3.8994


 105.4824, 99.6540,
88.4504

 3.9261, 2.9558,
1.5703

134.0861,
127.7473, 115.3013

 1.6604, 1.1087,
0.2695

167.4431,
160.6789, 147.1007

 0.4313, 0.0000,
0.0000

205.9186,

 0.0000, 0.0000,

198.8331, 184.2674

0.0000

249.8781,
242.5943, 227.2198

■ 31.2926, 27.9749,
22.1628

■ 31.2926, 27.9749,
22.1628

■ 28.3391, 23.7148,
16.1010

■ 34.7654, 32.9316,
29.4517

■ 25.8775, 20.1161,
11.1970

■ 38.7787, 38.6102,
38.0284

■ 23.8811, 17.1465,
7.3770

■ 43.3553, 45.0393,
47.9518

■ 22.3198, 14.7695,
4.5582

■ 48.5160, 52.2453,
59.2765

■ 21.1598, 12.9447,
2.6454

■ 54.2804, 60.2527,
72.0541

■ 20.3620, 11.6262,
1.5252

■ 60.6674, 69.0854,
86.3335

■ 19.9931, 10.9964,
1.0688

■ 67.6949, 78.7661,
102.1614

■ 73.1464, 88.4230,
107.8199

■ 73.3385, 88.8073,
107.8839

Harmonies

Analogous

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



32.4300, 27.9749, 28.9009



31.2926, 27.9749, 22.1628



28.9030, 27.9749, 18.2583

Triad

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



31.2926, 27.9749, 22.1628



21.8924, 27.9749, 24.4607



27.1471, 27.9749, 48.9202

Complementary

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



31.2926, 27.9749, 22.1628



31.5165, 37.4427, 50.3661

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.



24.4025, 27.9749, 47.1572



31.2926, 27.9749, 22.1628



21.4957, 27.9749, 32.0740

Square

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



31.2926, 27.9749, 22.1628



23.5076, 27.9749, 19.4094



22.3826, 27.9749, 40.6057



29.9292, 27.9749, 45.0659

Rectangle

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



31.2926, 27.9749, 22.1628



26.9937, 27.9749, 17.3226



22.3826, 27.9749, 40.6057



26.1889, 27.9749, 48.9722

Sweetspot

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



31.2933, 27.9762, 22.1634



71.9372, 72.6495, 73.4719



34.1136, 27.0369, 43.3887



15.6431, 15.7005, 15.6971



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.



31.2933, 27.9762, 22.1634



52.0801, 44.3933, 31.5293



35.9004, 37.1903, 23.6990



9.1204, 9.2438, 9.4104



13.9820, 7.7403, 0.7571



0.5302, 0.3474, 0.0391

Inverse Universe

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



31.5165, 37.4427, 50.3661



52.5267, 63.9268, 89.8064



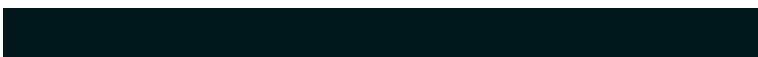
26.4487, 27.3070, 48.6768



9.1379, 9.9531, 11.5190



13.9509, 18.3614, 34.0619



0.5256, 0.7149, 1.2120

Previews

White Background



This preview shows how the XYZ color 31.2926, 27.9749, 22.1628 looks on a white background.

Color Contrast Check

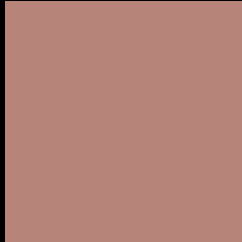
Large Text (above 18pt) WCAG AA ✓ Pass

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 31.2926, 27.9749, 22.1628 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

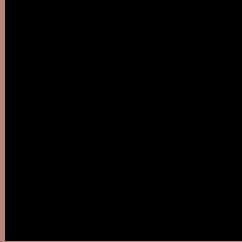
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 31.2926, 27.9749, 22.1628

Background



This preview shows how black text looks on a background with the XYZ color 31.2926, 27.9749, 22.1628.



This preview shows how white text looks on a background with the XYZ color 31.2926, 27.9749,

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

31.2926, 27.9749, 22.1628

Protanopia

26.6320, 28.0843, 24.4392

Deuteranopia

28.6202, 28.0612, 21.9971



Tritanopia

32.5180, 27.8789, 28.0934

Trichromacy



Original Color

31.2926, 27.9749, 22.1628

Protanomaly

28.2482, 28.0491, 23.6638

Deuteranomaly

29.4889, 27.8730, 21.9150

Tritanomaly

31.9834, 27.8491, 25.8800

Monochromacy



Original Color

31.2926, 27.9749, 22.1628

Achromatopsia

27.3213, 28.7441, 31.3023

Achromatomaly

28.3383, 28.2268, 27.6216

CSS Examples

Text

The CSS property to change the color of the text to XYZ 31.2926, 27.9749, 22.1628 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, 132, 122)` looks like.

```
.text, #text, p{  
    color:rgb(183, 132, 122)  
}
```

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, 132, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 132, 122) }
```

Border

The CSS property to change the border of an element to XYZ 31.2926, 27.9749, 22.1628 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, 132, 122) }
```


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

```
.border{ border-color:rgb(183, 132, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 132, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 132, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 132, 122);  
box-shadow:4px 4px 4px 4px rgb(183, 132,  
122) }
```

Background

The CSS property to change the background color of an element to XYZ 31.2926, 27.9749, 22.1628 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 132, 122) }
```

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

```
.background{ background-color: rgb(183,  
132, 122) }
```

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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