

Converting Colors

XYZ(27.8651, 24.8341, 10.7231)

Have a look what the booklet for
XYZ(27.8651, 24.8341, 10.7231)
contains.

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Color

**XYZ(27.9103, 24.9249,
10.7371)**

Conversions

Conversions Part 1

Format	Color
Hex	B67C4F
RGB	182, 124, 79
RGB Percent	71%, 49%, 31%
CMY	0.2863, 0.5137, 0.6902
CMYK	0.00, 0.32, 0.57, 0.29
HSL	26°, 41%, 51%
HSV	26°, 57%, 71%
XYZ	27.9103, 24.9249, 10.7371
YIQ	136.2120, 49.0130, -1.6990

Conversions

Conversions Part 2

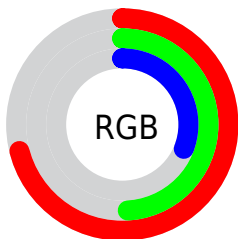
Format	Color
R_{YB}	182, 159, 79
Decimal	11959375
CIE _{Lab}	57.00, 17.67, 33.47
CIE _{LCh}	57, 37.845, 62.163
Yxy	24.9249, 0.4390, 0.3921
Android (android.graphics.Color)	4290149455 (0xFFB67C4F)
YUV	136.2120, -28.2055, 40.1561
Hunter-Lab	49.9248, 12.4213, 22.1962

Details

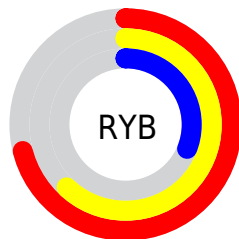
The XYZ color **27.9103, 24.9249, 10.7371** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **20.6131, 22.9298, 47.5951**, and the grayscale version is **23.5714, 24.7989, 27.0060**.

A 20% lighter version of the original color is **55.9602, 51.7300, 27.8044**, and **11.3810, 9.5721, 2.6142** is the 20% darker color. If you saturate the color by 10%, you get **26.1182, 22.2598, 7.3069**, and if you desaturate by 10%, it is **30.0184, 27.9320, 15.1678**.

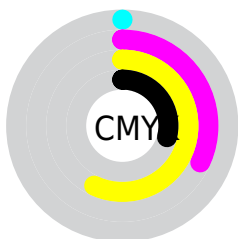
Distribution



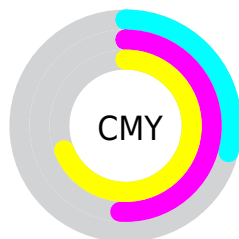
- Red (71%)
- Green (49%)
- Blue (31%)



- Red (71%)
- Yellow (62%)
- Blue (31%)



- Cyan (0%)
- Magenta (32%)
- Yellow (57%)
- Black (29%)





- Cyan (29%)
- Magenta (51%)
- Yellow (69%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 27.9103, 24.9249, 10.7371 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 27.9103, 24.9249, 10.7371 by changing the saturation by 10% instead.


 27.9103, 24.9249,
10.7371


 27.9103, 24.9249,
10.7371


284.1259,
277.4637, 206.5272


 18.3982, 16.0211,
5.7784


 55.7508, 51.5354,
27.8022


 11.3376, 9.5391,
2.6442


 74.8100, 70.0108,
40.7456


 6.3634, 5.0944,
0.9151


 97.7821, 92.4456,
57.1877

 3.1100, 2.3028,
0.0000

 125.0327,
119.2242, 77.5470

 1.2122, 0.7752,
0.0000

 156.9270,
150.7309, 102.2421

 0.1160, 0.0000,
0.0000

193.8304,

 0.0000, 0.0000,

187.3501, 131.6915

0.0000

236.1082,
229.4663, 166.3136

■ 27.9103, 24.9249,
10.7371

■ 27.9103, 24.9249,
10.7371

■ 26.1182, 22.2598,
7.3069

■ 30.0184, 27.9320,
15.1678

■ 24.6211, 19.9187,
4.7944

■ 32.4582, 31.2906,
20.6700

■ 23.3977, 17.8874,
3.1056

■ 35.2461, 35.0141,
27.3095

■ 22.4196, 16.1473,
2.1132

■ 38.3969, 39.1143,
35.1466

■ 22.1251, 15.6126,
1.8474

■ 41.9245, 43.6022,
44.2372

■ 45.8420, 48.4884,
54.6338

■ 50.1618, 53.7830,
66.3856

■ 54.8956, 59.4957,
79.5396

■ 60.0549, 65.6360,
94.1403

Harmonies

Analogous

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



31.6883, 24.9249, 16.0820



27.9103, 24.9249, 10.7371



23.3693, 24.9249, 9.2901

Triad

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



27.9103, 24.9249, 10.7371



16.1341, 24.9249, 28.0733



28.5381, 24.9249, 53.5853

Complementary

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



27.9103, 24.9249, 10.7371



20.6131, 22.9298, 47.5951

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.



24.0144, 24.9249, 59.6885



27.9103, 24.9249, 10.7371



17.1660, 24.9249, 42.3676

Square

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



27.9103, 24.9249, 10.7371



16.9071, 24.9249, 17.2374



19.9188, 24.9249, 55.0523



32.0814, 24.9249, 40.2507

Rectangle

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



27.9103, 24.9249, 10.7371



20.6099, 24.9249, 10.1945



19.9188, 24.9249, 55.0523



27.0634, 24.9249, 56.7101

Sweetspot

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



27.9109, 24.9261, 10.7376



69.1948, 70.3752, 62.6608



26.6291, 17.3539, 25.7513



15.0213, 15.2057, 13.1807



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.



27.9109, 24.9261, 10.7376



46.6086, 39.2163, 11.9300



36.0585, 41.2212, 13.4534



9.3188, 9.6405, 9.4766



15.6884, 11.1532, 1.3259



0.6149, 0.5168, 0.0673

Inverse Universe

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



20.6131, 22.9298, 47.5951



32.0413, 35.1786, 85.3371



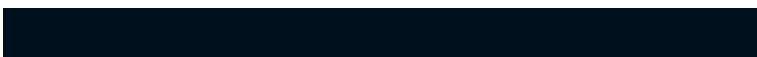
14.9853, 11.6742, 45.7192



8.9293, 9.5358, 11.4494



9.4184, 9.2965, 32.5511



0.3925, 0.4486, 1.1676

Previews

White Background



This preview shows how the XYZ color 27.9103, 24.9249, 10.7371 looks on a white background.

Color Contrast Check

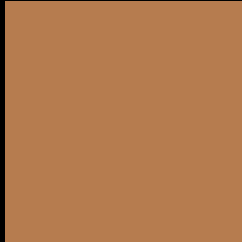
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.9103, 24.9249, 10.7371 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

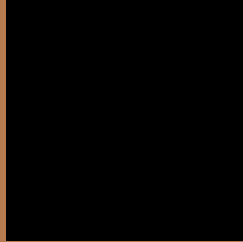
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 27.9103, 24.9249, 10.7371

Background



This preview shows how black text looks on a background with the XYZ color 27.9103, 24.9249, 10.7371.



This preview shows how white text looks on a background with the XYZ color 27.9103, 24.9249,

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

27.9103, 24.9249, 10.7371

Protanopia

23.1236, 25.0154, 11.9972

Deuteranopia

25.4278, 24.9981, 10.6927



Tritanopia

30.5589, 24.9283, 23.2797

Trichromacy



Original Color

27.9103, 24.9249, 10.7371

Protanomaly

24.6745, 24.7931, 11.4677

Deuteranomaly

26.1076, 24.7591, 10.6107

Tritanomaly

29.5385, 24.8730, 17.9960

Monochromacy



Original Color

27.9103, 24.9249, 10.7371

Achromatopsia

23.4014, 24.6201, 26.8113

Achromatomaly

24.4826, 24.5126, 19.6607

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.9103, 24.9249, 10.7371 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(182, 124, 79)` looks like.

```
.text, #text, p{  
    color:rgb(182, 124, 79)  
}
```

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(182, 124, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 124, 79) }
```

Border

The CSS property to change the border of an element to XYZ 27.9103, 24.9249, 10.7371 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(182, 124, 79) }
```


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

```
.border{ border-color:rgb(182, 124, 79) }
```

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

Here you see how a box with a 4 pixel rgb(182, 124, 79) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 124, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 124, 79);  
box-shadow:4px 4px 4px 4px rgb(182, 124,  
79) }
```

Background

The CSS property to change the background color of an element to XYZ 27.9103, 24.9249, 10.7371 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 124, 79) }
```

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

```
.background{ background-color: rgb(182,  
124, 79) }
```

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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