

Converting Colors

XYZ(27.9994, 25.1894, 9.3476)

Have a look what the booklet for
XYZ(27.9994, 25.1894, 9.3476)
contains.

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Color

**XYZ(27.9994, 25.1894,
9.3476)**

Conversions

Conversions Part 1

Format	Color
Hex	B77D47
RGB	183, 125, 71
RGB Percent	72%, 49%, 28%
CMY	0.2824, 0.5098, 0.7216
CMYK	0.00, 0.32, 0.61, 0.28
HSL	29°, 44%, 50%
HSV	29°, 61%, 72%
XYZ	27.9994, 25.1894, 9.3476
YIQ	136.1860, 51.9020, -4.4980

Conversions

Conversions Part 2

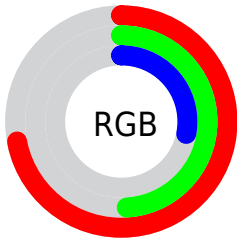
Format	Color
R_{YB}	183, 175, 71
Decimal	12025159
CIE Lab	57.26, 16.92, 38.08
CIE LCh	57, 41.669, 66.048
Yxy	25.1894, 0.4477, 0.4028
Android (android.graphics.Color)	4290215239 (0xFFB77D47)
YUV	136.1860, -32.1367, 41.0559
Hunter-Lab	50.1890, 11.7505, 24.0897

Details

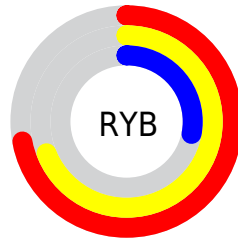
The XYZ color **27.9994, 25.1894, 9.3476** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **18.9957, 20.4582, 47.7473**, and the grayscale version is **23.5751, 24.8029, 27.0103**.

A 20% lighter version of the original color is **55.9895, 52.0985, 25.1942**, and **11.3535, 9.6705, 2.1323** is the 20% darker color. If you saturate the color by 10%, you get **26.3553, 22.7040, 6.3255**, and if you desaturate by 10%, it is **29.9360, 27.9771, 13.3401**.

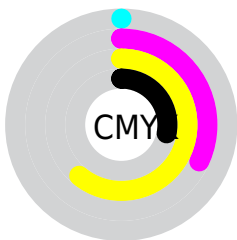
Distribution



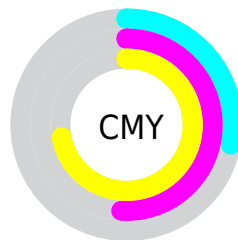
- Red (72%)
- Green (49%)
- Blue (28%)



- Red (72%)
- Yellow (69%)
- Blue (28%)



- Cyan (0%)
- Magenta (32%)
- Yellow (61%)
- Black (28%)





- Cyan (28%)
- Magenta (51%)
- Yellow (72%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 27.9994, 25.1894, 9.3476 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 27.9994, 25.1894, 9.3476 by changing the saturation by 10% instead.

 27.9994, 25.1894,
9.3476


 27.9994, 25.1894,
9.3476


284.5442,
278.7799, 196.2628


 18.4657, 16.2182,
4.8687


 55.8921, 51.9643,
25.1493

 11.3865, 9.6787,
2.1130


 74.9818, 70.5368,
37.3092

 6.3967, 5.1865,
0.6235


 97.9876, 93.0786,
52.8664

 3.1307, 2.3571,
0.0000

 125.2747,
119.9740, 72.2396

 1.2232, 0.8037,
0.0000

 157.2086,
151.6074, 95.8474

 0.1246, 0.0000,
0.0000

194.1545,

 0.0000, 0.0000,

188.3633, 124.1081

0.0000

236.4779,
230.6260, 157.4404

■ 27.9994, 25.1894,
9.3476

■ 27.9994, 25.1894,
9.3476

■ 26.3553, 22.7040,
6.3255

■ 29.9360, 27.9771,
13.3401

■ 24.9824, 20.5040,
4.1849

■ 32.1808, 31.0750,
18.3785

■ 23.8583, 18.5763,
2.8223

■ 34.7502, 34.4956,
24.5323

■ 23.0377, 17.0859,
2.0837

■ 37.6590, 38.2492,
31.8645

■ 40.9207, 42.3457,
40.4335

■ 44.5481, 46.7945,
50.2938

■ 48.5535, 51.6046,
61.4964

■ 52.9484, 56.7845,
74.0897

■ 57.7436, 62.3425,
88.1197

Harmonies

Analogous

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



32.4516, 25.1894, 14.3539



27.9994, 25.1894, 9.3476



22.9570, 25.1894, 8.3209

Triad

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



27.9994, 25.1894, 9.3476



15.6993, 25.1894, 30.3874



29.9635, 25.1894, 55.7481

Complementary

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



27.9994, 25.1894, 9.3476



18.9957, 20.4582, 47.7473

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.



24.9543, 25.1894, 64.2439



27.9994, 25.1894, 9.3476



17.0671, 25.1894, 46.7018

Square

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



27.9994, 25.1894, 9.3476



16.2826, 25.1894, 17.8171



20.2964, 25.1894, 60.4642



33.6901, 25.1894, 39.9886

Rectangle

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



27.9994, 25.1894, 9.3476



20.0163, 25.1894, 9.5538



20.2964, 25.1894, 60.4642



28.3496, 25.1894, 59.7563

Sweetspot

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



28.0000, 25.1907, 9.3481



69.0769, 70.5704, 61.2927



25.8605, 16.2055, 23.1433



14.8965, 15.1299, 12.6037



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.



28.0000, 25.1907, 9.3481



46.4139, 39.4257, 10.0187



36.8393, 42.8693, 12.2945



9.3523, 9.7076, 9.4877



16.1396, 12.0556, 1.4763



0.6310, 0.5490, 0.0727

Inverse Universe

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



18.9957, 20.4582, 47.7473



28.9264, 30.2184, 84.5439



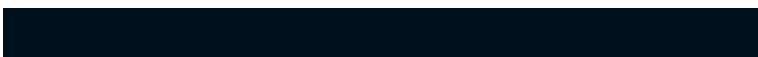
13.6440, 9.7549, 45.9634



8.8954, 9.4680, 11.4381



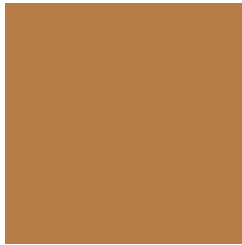
8.8716, 8.2029, 32.3688



0.3744, 0.4125, 1.1616

Previews

White Background



This preview shows how the XYZ color 27.9994, 25.1894, 9.3476 looks on a white background.

Color Contrast Check

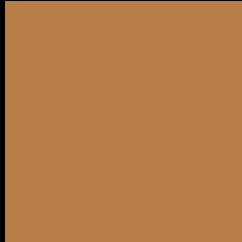
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.9994, 25.1894, 9.3476 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

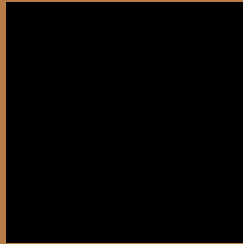
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 27.9994, 25.1894, 9.3476

Background



This preview shows how black text looks on a background with the XYZ color 27.9994, 25.1894, 9.3476.



This preview shows how white text looks on a background with the XYZ color 27.9994, 25.1894,

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

27.9994, 25.1894, 9.3476

Protanopia

23.3074, 25.3604, 10.3232

Deuteranopia

25.7994, 25.2208, 9.3027



Tritanopia

30.8027, 25.0540, 23.2911

Trichromacy



Original Color

27.9994, 25.1894, 9.3476

Protanomaly

24.7278, 25.0560, 10.0116

Deuteranomaly

26.6349, 25.2567, 9.2656

Tritanomaly

29.7409, 25.1754, 17.2017

Monochromacy



Original Color

27.9994, 25.1894, 9.3476

Achromatopsia

23.4014, 24.6201, 26.8113

Achromatomaly

24.3128, 24.4447, 18.7661

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.9994, 25.1894, 9.3476 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, 71)` looks like.

```
.text, #text, p{  
    color:rgb(183, 125, 71)  
}
```

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, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 125, 71) }
```

Border

The CSS property to change the border of an element to XYZ 27.9994, 25.1894, 9.3476 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, 71) }
```


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

```
.border{ border-color:rgb(183, 125, 71) }
```

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, 71)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 125, 71); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 125, 71);  
box-shadow:4px 4px 4px 4px rgb(183, 125,  
71) }
```

Background

The CSS property to change the background color of an element to XYZ 27.9994, 25.1894, 9.3476 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, 71) }
```

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

```
.background{ background-color: rgb(183,  
125, 71) }
```

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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