

Converting Colors

XYZ(28.9388, 26.3966, 8.0458)

Have a look what the booklet for
XYZ(28.9388, 26.3966, 8.0458)
contains.

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Color

**XYZ(28.9423, 26.4765,
7.9999)**

Conversions

Conversions Part 1

Format	Color
Hex	BA813D
RGB	186, 129, 61
RGB Percent	73%, 51%, 24%
CMY	0.2706, 0.4941, 0.7608
CMYK	0.00, 0.31, 0.67, 0.27
HSL	33°, 51%, 48%
HSV	33°, 67%, 73%
XYZ	28.9423, 26.4765, 7.9999
YIQ	138.2910, 55.8000, -9.0640

Conversions

Conversions Part 2

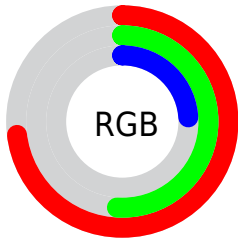
Format	Color
R_{YB}	166, 186, 61
Decimal	12222781
CIE _{Lab}	58.49, 15.32, 44.66
CIE _{LCh}	58, 47.213, 71.065
Yxy	26.4765, 0.4564, 0.4175
Android (android.graphics.Color)	4290412861 (0xFFBA813D)
YUV	138.2910, -38.1045, 41.8408
Hunter-Lab	51.4553, 10.3549, 26.8007

Details

The XYZ color **28.9423, 26.4765, 7.9999** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **17.2655, 17.4934, 48.9209**, and the grayscale version is **24.3954, 25.6659, 27.9502**.

A 20% lighter version of the original color is **57.2534, 54.0161, 22.4475**, and **11.9712, 10.4242, 1.6396** is the 20% darker color. If you saturate the color by 10%, you get **27.4545, 24.1685, 5.4464**, and if you desaturate by 10%, it is **30.6978, 29.0422, 11.5002**.

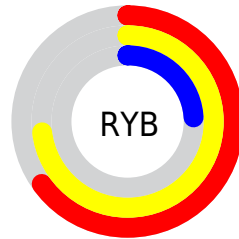
Distribution



Red (73%)

Green (51%)

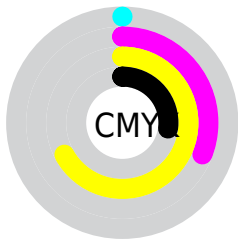
Blue (24%)



Red (65%)

Yellow (73%)

Blue (24%)

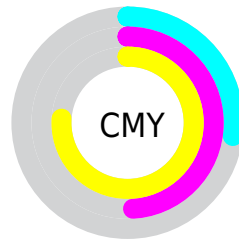


Cyan (0%)

Magenta (31%)

Yellow (67%)

Black (27%)



Cyan (27%)

Magenta (49%)

Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.9423, 26.4765, 7.9999 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 28.9423, 26.4765, 7.9999 by changing the saturation by 10% instead.

■ 28.9423, 26.4765,
7.9999

■ 28.9423, 26.4765,
7.9999

288.9417,
285.1134, 185.6658

■ 19.1812, 17.1805,
4.0071

■ 57.3836, 54.0427,
22.5044

■ 11.9061, 10.3632,
1.6292

■ 76.7945, 73.0816,
33.8532

■ 6.7515, 5.6405,
0.3116

■ 100.1528, 96.1369,
48.4911

■ 3.3521, 2.6277,
0.0000

■ 127.8238,
123.5930, 66.8366

■ 1.3426, 0.9406,
0.0000

■ 160.1728,
155.8343, 89.3083

■ 0.2148, 0.0000,
0.0000

■ 197.5652,

■ 0.0000, 0.0000,

193.2452, 116.3247

0.0000

240.3664,
236.2101, 148.3044

■ 28.9423, 26.4765,
7.9999

■ 28.9423, 26.4765,
7.9999

■ 27.4545, 24.1685,
5.4464

■ 30.6978, 29.0422,
11.5002

■ 26.2114, 22.1020,
3.7380

■ 32.7376, 31.8723,
16.0318

■ 25.1845, 20.2632,
2.7332

■ 35.0786, 34.9781,
21.6712

■ 24.9218, 19.7834,
2.5051

■ 37.7357, 38.3688,
28.4873

■ 40.7230, 42.0531,
36.5433

■ 44.0532, 46.0392,
45.8980

■ 47.7386, 50.3350,
56.6062

■ 51.7906, 54.9480,
68.7196

■ 56.2203, 59.8853,
82.2873

Harmonies

Analogous

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



34.4979, 26.4765, 12.5801



28.9423, 26.4765, 7.9999



23.0940, 26.4765, 7.5289

Triad

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



28.9423, 26.4765, 7.9999



15.7664, 26.4765, 35.3711



33.1852, 26.4765, 60.0593

Complementary

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



28.9423, 26.4765, 7.9999



17.2655, 17.4934, 48.9209

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.



27.3565, 26.4765, 72.6445



28.9423, 26.4765, 7.9999



17.6884, 26.4765, 55.1650

Square

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



28.9423, 26.4765, 7.9999



16.0570, 26.4765, 19.6929



21.7318, 26.4765, 70.5729



37.1946, 26.4765, 40.4256

Rectangle

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



28.9423, 26.4765, 7.9999



19.8602, 26.4765, 9.2697



21.7318, 26.4765, 70.5729



31.3394, 26.4765, 65.5402

Sweetspot

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



28.9429, 26.4778, 8.0004



72.0538, 74.0772, 61.4219



25.2684, 15.1167, 19.1442



15.5289, 15.8960, 12.6113



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

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



28.9429, 26.4778, 8.0004



48.5526, 41.8292, 8.1025



37.6533, 45.3795, 11.1897



9.3985, 9.8000, 9.5031



16.8424, 13.4611, 1.7106



0.6548, 0.5966, 0.0806

Inverse Universe

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



17.2655, 17.4934, 48.9209



25.9262, 24.4747, 87.5590



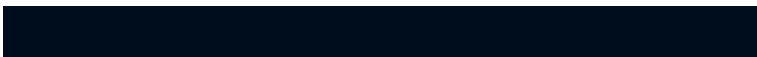
12.7229, 8.0124, 47.3303



8.8494, 9.3760, 11.4228



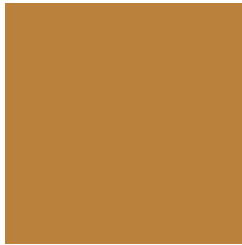
8.2112, 6.8821, 32.1487



0.3515, 0.3666, 1.1540

Previews

White Background



This preview shows how the XYZ color 28.9423, 26.4765, 7.9999 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 28.9423, 26.4765, 7.9999 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 28.9423, 26.4765, 7.9999

Background



This preview shows how black text looks on a background with the XYZ color 28.9423, 26.4765, 7.9999.



This preview shows how white text looks on a background with the XYZ color 28.9423, 26.4765,

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

28.9423, 26.4765, 7.9999

Protanopia

24.1893, 26.4993, 8.8410

Deuteranopia

27.0199, 26.4904, 7.9640



Tritanopia

32.4200, 26.3898, 24.8578

Trichromacy



Original Color

28.9423, 26.4765, 7.9999

Protanomaly

25.8074, 26.4770, 8.6009

Deuteranomaly

27.6573, 26.4125, 7.9154

Tritanomaly

30.7954, 26.2747, 17.0841

Monochromacy



Original Color

28.9423, 26.4765, 7.9999

Achromatopsia

24.1572, 25.4152, 27.6772

Achromatomaly

24.9960, 25.4223, 18.3414

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.9423, 26.4765, 7.9999 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(186, 129, 61)` looks like.

```
.text, #text, p{  
    color:rgb(186, 129, 61)  
}
```

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(186, 129, 61) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 129, 61) }
```

Border

The CSS property to change the border of an element to XYZ 28.9423, 26.4765, 7.9999 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(186, 129, 61) }
```


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

```
.border{ border-color:rgb(186, 129, 61) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 129, 61)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 129, 61); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 129, 61);  
box-shadow:4px 4px 4px 4px rgb(186, 129,  
61) }
```

Background

The CSS property to change the background color of an element to XYZ 28.9423, 26.4765, 7.9999 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 129, 61) }
```

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

```
.background{ background-color: rgb(186,  
129, 61) }
```

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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