

Converting Colors

XYZ(26.9521, 24.7293, 16.2424)

Have a look what the booklet for
XYZ(26.9521, 24.7293, 16.2424)
contains.

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Color

**XYZ(26.9223, 24.6716,
16.1751)**

Conversions

Conversions Part 1

Format	Color
Hex	AC7E67
RGB	172, 126, 103
RGB Percent	67%, 49%, 40%
CMY	0.3255, 0.5059, 0.5961
CMYK	0.00, 0.27, 0.40, 0.33
HSL	20°, 29%, 54%
HSV	20°, 40%, 67%
XYZ	26.9223, 24.6716, 16.1751
YIQ	137.1320, 34.7990, 2.5990

Conversions

Conversions Part 2

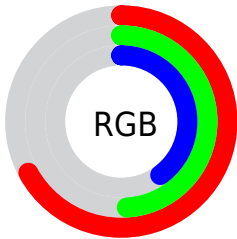
Format	Color
R_{YB}	172, 138, 103
Decimal	11304551
CIE _{Lab}	56.75, 14.77, 19.51
CIE _{LCh}	57, 24.476, 52.873
Yxy	24.6716, 0.3973, 0.3641
Android (android.graphics.Color)	4289494631 (0xFFAC7E67)
YUV	137.1320, -16.8271, 30.5792
Hunter-Lab	49.6705, 9.8268, 15.4617

Details

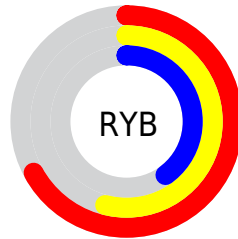
The XYZ color **26.9223, 24.6716, 16.1751** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **23.7870, 27.3561, 43.0563**, and the grayscale version is **23.8807, 25.1244, 27.3604**.

A 20% lighter version of the original color is **54.2659, 51.2313, 37.6004**, and **10.8389, 9.4448, 4.9931** is the 20% darker color. If you saturate the color by 10%, you get **24.7632, 21.5958, 11.6254**, and if you desaturate by 10%, it is **29.4283, 28.1569, 21.7172**.

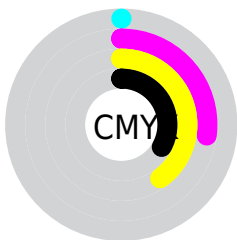
Distribution



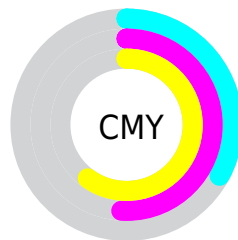
- Red (67%)
- Green (49%)
- Blue (40%)



- Red (67%)
- Yellow (54%)
- Blue (40%)



- Cyan (0%)
- Magenta (27%)
- Yellow (40%)
- Black (33%)





- Cyan (33%)
- Magenta (51%)
- Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.9223, 24.6716, 16.1751 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 26.9223, 24.6716, 16.1751 by changing the saturation by 10% instead.


 26.9223, 24.6716,
16.1751


 26.9223, 24.6716,
16.1751


279.4551,
276.1985, 242.2536


 17.6512, 15.8326,
9.4924


 54.1799, 51.1240,
37.6729


 10.7980, 9.4057,
4.9626


 72.8971, 69.5061,
53.3252

 5.9975, 5.0068,
2.1670


 95.4937, 91.8380,
72.8044

 2.8842, 2.2512,
0.6552

 122.3351,
118.5041, 96.5291

 1.0928, 0.7477,
0.0000

153.7865,
149.8888, 124.9178

 0.0191, 0.0000,
0.0000

190.2135,

 0.0000, 0.0000,

186.3765, 158.3891

0.0000

231.9812,
228.3516, 197.3616

■ 26.9223, 24.6716,
16.1751

■ 26.9223, 24.6716,
16.1751

■ 24.7632, 21.5958,
11.6254

■ 29.4283, 28.1569,
21.7172

■ 22.9326, 18.9104,
8.0069

■ 32.2948, 32.0630,
28.3047

■ 21.4129, 16.5996,
5.2540


■ 35.5368, 36.4050,
35.9889


■ 20.1839, 14.6453,
3.2916


■ 39.1679, 41.1962,
44.8170


■ 19.2227, 13.0276,
2.0318


■ 43.2010, 46.4495,
54.8335

 18.4934, 11.7309,
1.2896

 47.6484, 52.1769,
66.0806

 52.5219, 58.3903,
78.5982

 57.8326, 65.1010,
92.4248

 63.1370, 72.1381,
105.2041

Harmonies

Analogous

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



28.8811, 24.6716, 21.2030



26.9223, 24.6716, 16.1751



24.1375, 24.6716, 14.0859

Triad

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



26.9223, 24.6716, 16.1751



18.4124, 24.6716, 24.9590



25.6492, 24.6716, 44.1125

Complementary

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



26.9223, 24.6716, 16.1751



23.7870, 27.3561, 43.0563

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.



22.7749, 24.6716, 45.6826



26.9223, 24.6716, 16.1751



18.7457, 24.6716, 33.4505

Square

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



26.9223, 24.6716, 16.1751



19.3387, 24.6716, 18.4458



20.2892, 24.6716, 41.4522



28.1054, 24.6716, 37.5162

Rectangle

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



26.9223, 24.6716, 16.1751



22.2475, 24.6716, 14.2646



20.2892, 24.6716, 41.4522



24.6942, 24.6716, 45.2937

Sweetspot

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



26.9229, 24.6728, 16.1756



63.1765, 64.3235, 62.1932



27.2885, 20.6413, 30.9799



13.5664, 13.7610, 13.1266



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



26.9229, 24.6728, 16.1756



45.3826, 39.8392, 22.0314



32.1192, 35.0654, 17.9077



8.2153, 8.4354, 8.4086



13.8080, 8.8215, 0.9750



0.4353, 0.3477, 0.0442

Inverse Universe

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



23.7870, 27.3561, 43.0563



38.8913, 45.3402, 77.5075



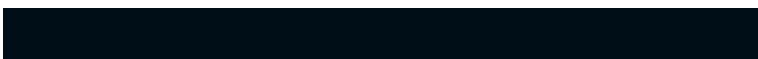
19.1140, 18.0101, 41.4987



8.0080, 8.6153, 10.1936



10.1266, 11.3870, 30.7087



0.3292, 0.4118, 0.8701

Previews

White Background



This preview shows how the XYZ color 26.9223, 24.6716, 16.1751 looks on a white background.

Color Contrast Check

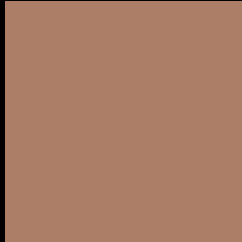
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.9223, 24.6716, 16.1751 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 26.9223, 24.6716, 16.1751

Background



This preview shows how black text looks on a background with the XYZ color 26.9223, 24.6716, 16.1751.



This preview shows how white text looks on a background with the XYZ color 26.9223, 24.6716,

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

26.9223, 24.6716, 16.1751

Protanopia

23.1880, 24.7108, 17.7349

Deuteranopia

25.2125, 24.7690, 16.0224



Tritanopia

28.7355, 24.6717, 24.7203

Trichromacy



Original Color

26.9223, 24.6716, 16.1751

Protanomaly

24.3704, 24.5117, 17.0824

Deuteranomaly

25.7656, 24.6592, 15.9721

Tritanomaly

27.9897, 24.5451, 21.3516

Monochromacy



Original Color

26.9223, 24.6716, 16.1751

Achromatopsia

23.7775, 25.0158, 27.2422

Achromatomaly

24.6669, 24.7398, 22.8772

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.9223, 24.6716, 16.1751 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(172, 126, 103)` looks like.

```
.text, #text, p{  
    color:rgb(172, 126, 103)  
}
```

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(172, 126, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 126, 103) }
```

Border

The CSS property to change the border of an element to XYZ 26.9223, 24.6716, 16.1751 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(172, 126, 103) }
```


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

```
.border{ border-color:rgb(172, 126, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 126, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 126, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 126, 103);  
box-shadow:4px 4px 4px 4px rgb(172, 126,  
103) }
```

Background

The CSS property to change the background color of an element to XYZ 26.9223, 24.6716, 16.1751 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 126, 103) }
```

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

```
.background{ background-color: rgb(172,  
126, 103) }
```

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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