

Converting Colors

XYZ(26.5524, 23.4274, 17.5577)

Have a look what the booklet for
XYZ(26.5524, 23.4274, 17.5577)
contains.

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Color

**XYZ(26.4900, 23.3077,
17.5707)**

Conversions

Conversions Part 1

Format	Color
Hex	AC786D
RGB	172, 120, 109
RGB Percent	67%, 47%, 43%
CMY	0.3255, 0.5294, 0.5725
CMYK	0.00, 0.30, 0.37, 0.33
HSL	10°, 28%, 55%
HSV	10°, 37%, 67%
XYZ	26.4900, 23.3077, 17.5707
YIQ	134.2940, 34.5230, 7.6030

Conversions

Conversions Part 2

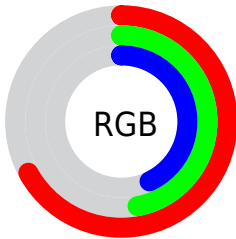
Format	Color
R_{YB}	172, 122, 109
Decimal	11303021
CIE Lab	55.39, 18.89, 14.20
CIE LCh	55, 23.634, 36.919
Yxy	23.3077, 0.3932, 0.3460
Android (android.graphics.Color)	4289493101 (0xFFAC786D)
YUV	134.2940, -12.4699, 33.0682
Hunter-Lab	48.2780, 13.4558, 12.2162

Details

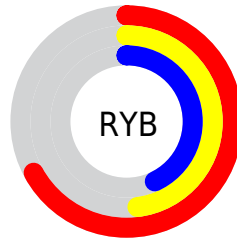
The XYZ color **26.4900, 23.3077, 17.5707** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **26.4974, 31.7183, 43.7553**, and the grayscale version is **22.8042, 23.9918, 26.1271**.

A 20% lighter version of the original color is **53.6897, 49.1184, 40.3693**, and **10.5668, 8.6950, 5.5362** is the 20% darker color. If you saturate the color by 10%, you get **24.0706, 19.8086, 12.6345**, and if you desaturate by 10%, it is **29.3449, 27.3878, 23.5465**.

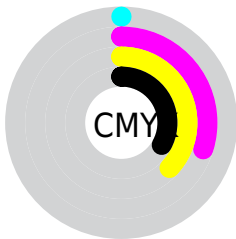
Distribution



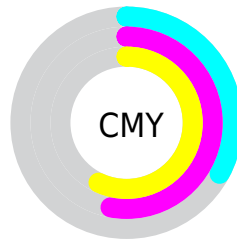
- Red (67%)
- Green (47%)
- Blue (43%)



- Red (67%)
- Yellow (48%)
- Blue (43%)



- Cyan (0%)
- Magenta (30%)
- Yellow (37%)
- Black (33%)





- Cyan (33%)
- Magenta (53%)
- Yellow (57%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.4900, 23.3077, 17.5707 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 26.4900, 23.3077, 17.5707 by changing the saturation by 10% instead.


 26.4900, 23.3077,
17.5707


 26.4900, 23.3077,
17.5707


277.3920,
269.3015, 250.5944


 17.3252, 14.8209,
10.4760


 53.4901, 48.8981,
40.1084


 10.5633, 8.6938,
5.6060


 72.0560, 66.7704,
56.3885

 5.8392, 4.5420,
2.5421

 94.4864, 88.5401,
76.5675

 2.7872, 1.9811,
0.8623

 121.1466,
114.5914, 101.0639

 1.0423, 0.5965,
0.0000

152.4018,
145.3088, 130.2962

 0.0000, 0.0000,
0.0000

188.6176,

181.0767, 164.6831

230.1592,
222.2795, 204.6429

■ 26.4900, 23.3077,
17.5707

■ 26.4900, 23.3077,
17.5707

■ 24.0706, 19.8086,
12.6345

■ 29.3449, 27.3878,
23.5465

■ 22.0633, 16.8606,
8.6768

■ 32.6537, 32.0703,
30.6153

■ 20.4449, 14.4364,
5.6325

■ 36.4360, 37.3795,
38.8286

■ 19.1894, 12.5048,
3.4277

■ 40.7094, 43.3375,
48.2342

■ 18.2673, 11.0313,
1.9771

■ 45.4909, 49.9653,
58.8770

■ 17.6410, 9.9754,
1.1623

■ 50.7965, 57.2828,
70.7998

■ 17.4785, 9.7013,
0.9513

■ 56.6417, 65.3092,
84.0432

■ 63.0410, 74.0631,
98.6462

■ 68.5590, 82.9821,
107.0115

Harmonies

Analogous

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



27.6168, 23.3077, 23.6575



26.4900, 23.3077, 17.5707



24.2153, 23.3077, 14.1652

Triad

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



26.4900, 23.3077, 17.5707



17.7814, 23.3077, 20.0675



22.7739, 23.3077, 42.8327

Complementary

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



26.4900, 23.3077, 17.5707



26.4974, 31.7183, 43.7553

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.



20.2118, 23.3077, 41.3423



26.4900, 23.3077, 17.5707



17.4625, 23.3077, 27.1802

Square

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



26.4900, 23.3077, 17.5707



19.2264, 23.3077, 15.3928



18.3177, 23.3077, 35.2112



25.3631, 23.3077, 38.9519

Rectangle

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



26.4900, 23.3077, 17.5707



22.4288, 23.3077, 13.4004



18.3177, 23.3077, 35.2112



21.8800, 23.3077, 42.9538

Sweetspot

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



26.4906, 23.3088, 17.5712



62.8561, 63.2669, 63.3686



28.9592, 22.2990, 36.7277



13.4667, 13.4778, 13.3517



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.



26.4906, 23.3088, 17.5712



44.4177, 37.0267, 24.4310



30.8402, 32.0081, 19.0210



8.1142, 8.2331, 8.3749



13.0362, 7.2780, 0.7177



0.3957, 0.2686, 0.0310

Inverse Universe

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



26.4974, 31.7183, 43.7553



44.4139, 54.5143, 78.9872



21.7359, 22.1953, 42.1681



8.1155, 8.8305, 10.2294



12.7706, 16.6750, 31.5900



0.3860, 0.5254, 0.8891

Previews

White Background



This preview shows how the XYZ color 26.4900, 23.3077, 17.5707 looks on a white background.

Color Contrast Check

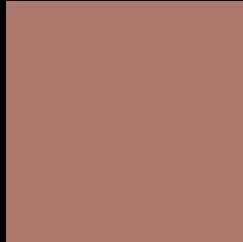
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.4900, 23.3077, 17.5707 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 26.4900, 23.3077, 17.5707

Background



This preview shows how black text looks on a background with the XYZ color 26.4900, 23.3077, 17.5707.



This preview shows how white text looks on a background with the XYZ color 26.4900, 23.3077,

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

26.4900, 23.3077, 17.5707

Protanopia

22.1295, 23.5018, 19.5896

Deuteranopia

23.9435, 23.4896, 17.4593



Tritanopia

27.5827, 23.2276, 22.7683

Trichromacy



Original Color

26.4900, 23.3077, 17.5707

Protanomaly

23.4623, 23.2099, 18.8661

Deuteranomaly

24.7383, 23.3270, 17.3861

Tritanomaly

27.1022, 23.1972, 20.8184

Monochromacy



Original Color

26.4900, 23.3077, 17.5707

Achromatopsia

22.6597, 23.8398, 25.9615

Achromatomaly

23.7647, 23.4771, 22.6810

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.4900, 23.3077, 17.5707 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, 120, 109)` looks like.

```
.text, #text, p{  
    color:rgb(172, 120, 109)  
}
```

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, 120, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 120, 109) }
```

Border

The CSS property to change the border of an element to XYZ 26.4900, 23.3077, 17.5707 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, 120, 109) }
```


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

```
.border{ border-color:rgb(172, 120, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 120, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 120, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 120, 109);  
box-shadow:4px 4px 4px 4px rgb(172, 120,  
109) }
```

Background

The CSS property to change the background color of an element to XYZ 26.4900, 23.3077, 17.5707 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 120, 109) }
```

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

```
.background{ background-color: rgb(172,  
120, 109) }
```

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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