

Converting Colors

XYZ(26.5889, 23.6080, 17.1671)

Have a look what the booklet for
XYZ(26.5889, 23.6080, 17.1671)
contains.

XYZ(26.5045, 23.5069, 17.0503)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(26.5045, 23.5069,
17.0503)**

Conversions

Conversions Part 1

Format	Color
Hex	AC796B
RGB	172, 121, 107
RGB Percent	67%, 47%, 42%
CMY	0.3255, 0.5255, 0.5804
CMYK	0.00, 0.30, 0.38, 0.33
HSL	13°, 28%, 55%
HSV	13°, 38%, 67%
XYZ	26.5045, 23.5069, 17.0503
YIQ	134.6530, 34.8900, 6.4580

Conversions

Conversions Part 2

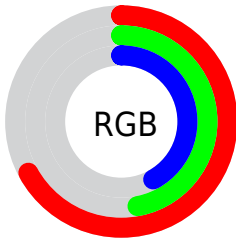
Format	Color
R_{YB}	172, 125, 107
Decimal	11303275
CIE Lab	55.59, 18.08, 15.63
CIE LCh	56, 23.901, 40.846
Yxy	23.5069, 0.3952, 0.3505
Android (android.graphics.Color)	4289493355 (0xFFAC796B)
YUV	134.6530, -13.6329, 32.7533
Hunter-Lab	48.4839, 12.7330, 13.0883

Details

The XYZ color **26.5045, 23.5069, 17.0503** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **25.7363, 30.5572, 43.5715**, and the grayscale version is **22.9409, 24.1356, 26.2837**.

A 20% lighter version of the original color is **53.6207, 49.3987, 39.0565**, and **10.6042, 8.8125, 5.4171** is the 20% darker color. If you saturate the color by 10%, you get **24.1613, 20.1275, 12.2401**, and if you desaturate by 10%, it is **29.2583, 27.4194, 22.8859**.

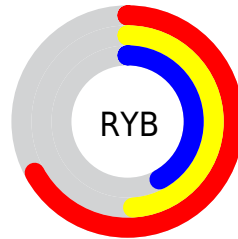
Distribution



Red (67%)

Green (47%)

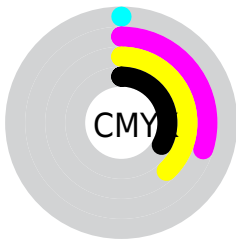
Blue (42%)



Red (67%)

Yellow (49%)

Blue (42%)

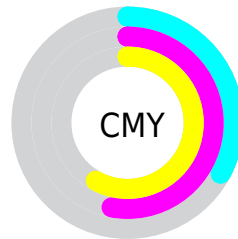


Cyan (0%)

Magenta (30%)

Yellow (38%)

Black (33%)



Cyan (33%)


Magenta (53%)


Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.5045, 23.5069, 17.0503 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 26.5045, 23.5069, 17.0503 by changing the saturation by 10% instead.


 26.5045, 23.5069,
17.0503


 26.5045, 23.5069,
17.0503


277.4614,
270.3180, 247.5158


 17.3361, 14.9682,
10.1080

 53.5132, 49.2243,
39.2041


 10.5712, 8.7971,
5.3641


 72.0843, 67.1719,
55.2527

 5.8444, 4.6091,
2.4000

 94.5203, 89.0245,
75.1737

 2.7905, 2.0198,
0.7864

 121.1865,
115.1667, 99.3859

 1.0440, 0.6189,
0.0000

152.4484,
145.9827, 128.3076

 0.0000, 0.0000,
0.0000

188.6713,

181.8570, 162.3575

230.2205,
223.1739, 201.9541

■ 26.5045, 23.5069,
17.0503

■ 26.5045, 23.5069,
17.0503

■ 24.1613, 20.1275,
12.2401

■ 29.2583, 27.4194,
22.8859

■ 22.2068, 17.2546,
8.3942

■ 32.4398, 31.8835,
29.8005

■ 20.6195, 14.8643,
5.4474


■ 36.0671, 36.9207,
37.8452


■ 19.3751, 12.9293,
3.3252


■ 40.1567, 42.5505,
47.0678


■ 18.4462, 11.4198,
1.9415


■ 44.7244, 48.7915,
57.5133


 17.7942, 10.2991,
1.1592

 49.7851, 55.6615,
69.2241

 17.6766, 10.0972,
1.0173

 55.3532, 63.1774,
82.2408

 61.4423, 71.3557,
96.6021

 66.9510, 79.7661,
106.4755

Harmonies

Analogous

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



27.8392, 23.5069, 22.8980



26.5045, 23.5069, 17.0503



24.0897, 23.5069, 13.9623

Triad

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



26.5045, 23.5069, 17.0503



17.7885, 23.5069, 21.0199



23.3338, 23.5069, 43.1509

Complementary

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



26.5045, 23.5069, 17.0503



25.7363, 30.5572, 43.5715

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.



20.6821, 23.5069, 42.3659



26.5045, 23.5069, 17.0503



17.6218, 23.5069, 28.4959

Square

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



26.5045, 23.5069, 17.0503



19.1163, 23.5069, 15.9146



18.6409, 23.5069, 36.6027



25.9129, 23.5069, 38.5705

Rectangle

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



26.5045, 23.5069, 17.0503



22.2661, 23.5069, 13.4210



18.6409, 23.5069, 36.6027



22.4193, 23.5069, 43.5259

Sweetspot

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



26.5051, 23.5080, 17.0508



63.0962, 63.7470, 63.4486



28.5292, 21.7895, 35.5032



13.5240, 13.5926, 13.3708



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.



26.5051, 23.5080, 17.0508



44.6182, 37.6561, 23.7938



30.9769, 32.4515, 18.5414



8.1399, 8.2847, 8.3835



13.1883, 7.5822, 0.7684



0.4059, 0.2889, 0.0344

Inverse Universe

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



25.7363, 30.5572, 43.5715



43.0097, 52.1901, 78.6126



21.0350, 21.1546, 42.0044



8.0877, 8.7748, 10.2201



12.0242, 15.1823, 31.3412



0.3706, 0.4945, 0.8839

Previews

White Background



This preview shows how the XYZ color 26.5045, 23.5069, 17.0503 looks on a white background.

Color Contrast Check

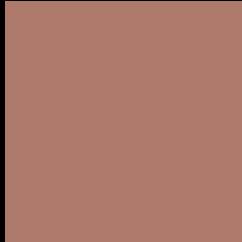
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.5045, 23.5069, 17.0503 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

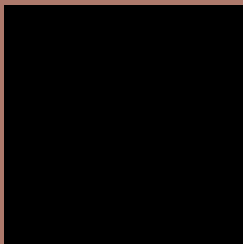
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 26.5045, 23.5069, 17.0503

Background



This preview shows how black text looks on a background with the XYZ color 26.5045, 23.5069, 17.0503.



This preview shows how white text looks on a background with the XYZ color 26.5045, 23.5069,

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

26.5045, 23.5069, 17.0503

Protanopia

22.3527, 23.6300, 19.0057

Deuteranopia

24.0310, 23.5469, 16.9141



Tritanopia

27.7648, 23.4878, 23.1489

Trichromacy



Original Color

26.5045, 23.5069, 17.0503

Protanomaly

23.6684, 23.5236, 18.3320

Deuteranomaly

24.8354, 23.3892, 16.8413

Tritanomaly

27.2206, 23.4340, 20.8578

Monochromacy



Original Color

26.5045, 23.5069, 17.0503

Achromatopsia

23.0288, 24.2281, 26.3844

Achromatomaly

23.8970, 23.7418, 22.7252

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.5045, 23.5069, 17.0503 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, 121, 107)` looks like.

```
.text, #text, p{  
    color:rgb(172, 121, 107)  
}
```

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, 121, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 121, 107) }
```

Border

The CSS property to change the border of an element to XYZ 26.5045, 23.5069, 17.0503 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, 121, 107) }
```


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

```
.border{ border-color:rgb(172, 121, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 121, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 121, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 121, 107);  
box-shadow:4px 4px 4px 4px rgb(172, 121,  
107) }
```

Background

The CSS property to change the background color of an element to XYZ 26.5045, 23.5069, 17.0503 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 121, 107) }
```

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

```
.background{ background-color: rgb(172,  
121, 107) }
```

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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