

Converting Colors

XYZ(27.4008, 24.5627, 17.3138)

Have a look what the booklet for
XYZ(27.4008, 24.5627, 17.3138)
contains.

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Color

**XYZ(27.3171, 24.4755,
17.1944)**

Conversions

Conversions Part 1

Format	Color
Hex	AE7C6B
RGB	174, 124, 107
RGB Percent	68%, 49%, 42%
CMY	0.3176, 0.5137, 0.5804
CMYK	0.00, 0.29, 0.39, 0.32
HSL	15°, 29%, 55%
HSV	15°, 39%, 68%
XYZ	27.3171, 24.4755, 17.1944
YIQ	137.0120, 35.2570, 5.3130

Conversions

Conversions Part 2

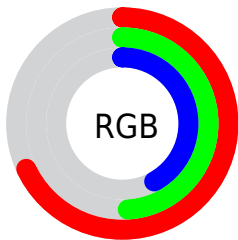
Format	Color
R_{YB}	174, 130, 107
Decimal	11435115
CIE Lab	56.56, 17.20, 17.00
CIE LCh	57, 24.187, 44.661
Yxy	24.4755, 0.3960, 0.3548
Android (android.graphics.Color)	4289625195 (0xFFAE7C6B)
YUV	137.0120, -14.7959, 32.4385
Hunter-Lab	49.4727, 11.9842, 14.0245

Details

The XYZ color **27.3171, 24.4755, 17.1944** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **25.7600, 30.2948, 44.5343**, and the grayscale version is **23.8278, 25.0687, 27.2998**.

A 20% lighter version of the original color is **54.8487, 50.9018, 39.2819**, and **11.0774, 9.3515, 5.4961** is the 20% darker color. If you saturate the color by 10%, you get **24.9708, 21.1034, 12.3413**, and if you desaturate by 10%, it is **30.0632, 28.3522, 23.0901**.

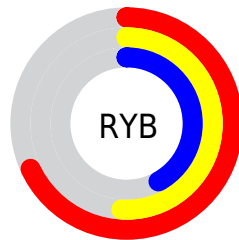
Distribution



Red (68%)

Green (49%)

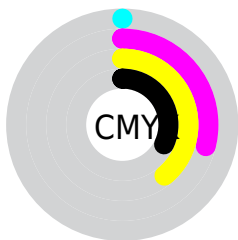
Blue (42%)



Red (68%)

Yellow (51%)

Blue (42%)

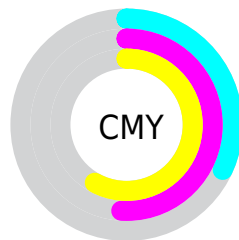


Cyan (0%)

Magenta (29%)

Yellow (39%)

Black (32%)



Cyan (32%)


Magenta (51%)


Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 27.3171, 24.4755, 17.1944 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 27.3171, 24.4755, 17.1944 by changing the saturation by 10% instead.


 27.3171, 24.4755,
17.1944


 27.3171, 24.4755,
17.1944


281.3288,
275.2157, 248.3719


 17.9493, 15.6867,
10.2098


 54.8086, 50.8050,
39.4549

 11.0131, 9.3027,
5.4308


 73.6630, 69.1146,
55.5679

 6.1430, 4.9392,
2.4391


 96.4104, 91.3665,
75.5608

 2.9737, 2.2116,
0.8076

 123.4161,
117.9452, 99.8520

 1.1399, 0.7263,
0.0000

155.0454,
149.2351, 128.8602

 0.0581, 0.0000,
0.0000

191.6637,

 0.0000, 0.0000,

185.6206, 163.0039

0.0000

233.6364,
227.4860, 202.7016

■ 27.3171, 24.4755,
17.1944

■ 27.3171, 24.4755,
17.1944

■ 24.9708, 21.1034,
12.3413

■ 30.0632, 28.3522,
23.0901

■ 23.0030, 18.2113,
8.4681

■ 33.2252, 32.7497,
30.0831

■ 21.3930, 15.7778,
5.5074


■ 36.8207, 37.6880,
38.2263


■ 20.1176, 13.7783,
3.3826


■ 40.8655, 43.1847,
47.5685


■ 19.1502, 12.1857,
2.0046


■ 45.3749, 49.2569,
58.1557


 18.4508, 10.9662,
1.2189

 50.3632, 55.9206,
70.0314

 18.3622, 10.8119,
1.1191

 55.8441, 63.1915,
83.2372

 61.8309, 71.0845,
97.8127

 66.9201, 79.0476,
106.3384

Harmonies

Analogous

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



28.8850, 24.4755, 22.9258



27.3171, 24.4755, 17.1944



24.7203, 24.4755, 14.3498

Triad

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



27.3171, 24.4755, 17.1944



18.4369, 24.4755, 22.7664



24.6562, 24.4755, 44.5746

Complementary

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



27.3171, 24.4755, 17.1944



25.7600, 30.2948, 44.5343

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.



21.8646, 24.4755, 44.5080



27.3171, 24.4755, 17.1944



18.4227, 24.4755, 30.7564

Square

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



27.3171, 24.4755, 17.1944



19.6720, 24.4755, 17.0981



19.6317, 24.4755, 39.0579



27.2669, 24.4755, 39.2250

Rectangle

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



27.3171, 24.4755, 17.1944



22.8274, 24.4755, 14.0218



19.6317, 24.4755, 39.0579



23.7046, 24.4755, 45.2148

Sweetspot

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



27.3177, 24.4767, 17.1949



64.2776, 64.9250, 63.6137



28.8207, 21.9572, 34.7297



14.1011, 14.1760, 13.7186



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



27.3177, 24.4767, 17.1949



45.9649, 39.2515, 23.7462



32.2089, 34.2591, 18.8253



8.1643, 8.3334, 8.3916



13.3596, 7.9247, 0.8255



0.4154, 0.3080, 0.0376

Inverse Universe

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



25.7600, 30.2948, 44.5343



42.7228, 51.2413, 80.2757



20.8800, 20.5348, 42.9077



8.0617, 8.7227, 10.2114



11.3651, 13.8641, 31.1216



0.3566, 0.4665, 0.8792

Previews

White Background



This preview shows how the XYZ color 27.3171, 24.4755, 17.1944 looks on a white background.

Color Contrast Check

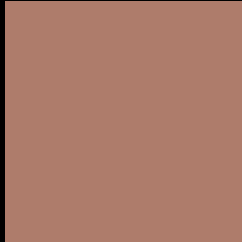
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.3171, 24.4755, 17.1944 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 27.3171, 24.4755, 17.1944

Background



This preview shows how black text looks on a background with the XYZ color 27.3171, 24.4755, 17.1944.



This preview shows how white text looks on a background with the XYZ color 27.3171, 24.4755,

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

27.3171, 24.4755, 17.1944

Protanopia

23.2864, 24.7299, 19.1688

Deuteranopia

25.0159, 24.6441, 17.0740



Tritanopia

28.7711, 24.5166, 24.3349

Trichromacy



Original Color

27.3171, 24.4755, 17.1944

Protanomaly

24.6381, 24.6188, 18.4923

Deuteranomaly

25.6305, 24.3715, 16.9890

Tritanomaly

28.1516, 24.4382, 21.6456

Monochromacy



Original Color

27.3171, 24.4755, 17.1944

Achromatopsia

23.7775, 25.0158, 27.2422

Achromatomaly

24.5948, 24.4929, 23.1700

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.3171, 24.4755, 17.1944 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(174, 124, 107)` looks like.

```
.text, #text, p{  
    color:rgb(174, 124, 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(174, 124, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 124, 107) }
```

Border

The CSS property to change the border of an element to XYZ 27.3171, 24.4755, 17.1944 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(174, 124, 107) }
```


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

```
.border{ border-color:rgb(174, 124, 107) }
```

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

Here you see how a box with a 4 pixel rgb(174, 124, 107) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 124, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 124, 107);  
box-shadow:4px 4px 4px 4px rgb(174, 124,  
107) }
```

Background

The CSS property to change the background color of an element to XYZ 27.3171, 24.4755, 17.1944 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 124, 107) }
```

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

```
.background{ background-color: rgb(174,  
124, 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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