

Converting Colors

XYZ(27.6163, 24.3864, 22.8221)

Have a look what the booklet for
XYZ(27.6163, 24.3864, 22.8221)
contains.

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Color

**XYZ(27.6434, 24.3302,
22.9779)**

Conversions

Conversions Part 1

Format	Color
Hex	AB7B7E
RGB	171, 123, 126
RGB Percent	67%, 48%, 49%
CMY	0.3294, 0.5176, 0.5059
CMYK	0.00, 0.28, 0.26, 0.33
HSL	356°, 22%, 58%
HSV	356°, 28%, 67%
XYZ	27.6434, 24.3302, 22.9779
YIQ	137.6940, 27.6450, 11.1090

Conversions

Conversions Part 2

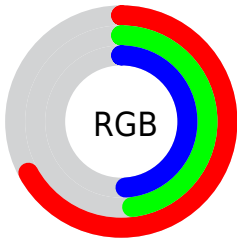
Format	Color
R_{YB}	171, 123, 126
Decimal	11238270
CIE _{Lab}	56.42, 19.13, 5.78
CIE _{LCh}	56, 19.988, 16.820
Yxy	24.3302, 0.3688, 0.3246
Android (android.graphics.Color)	4289428350 (0xFFAB7B7E)
YUV	137.6940, -5.7651, 29.2094
Hunter-Lab	49.3257, 13.7162, 6.9083

Details

The XYZ color **27.6434, 24.3302, 22.9779** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **29.8002, 36.1644, 42.4573**, and the grayscale version is **24.0554, 25.3081, 27.5605**.

A 20% lighter version of the original color is **55.3406, 50.6362, 49.5048**, and **11.2595, 9.2849, 8.2199** is the 20% darker color. If you saturate the color by 10%, you get **24.7515, 20.0714, 17.3125**, and if you desaturate by 10%, it is **31.0729, 29.3986, 29.6411**.

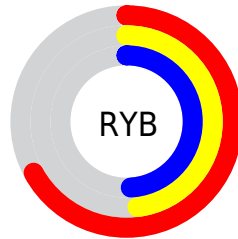
Distribution



Red (67%)

Green (48%)

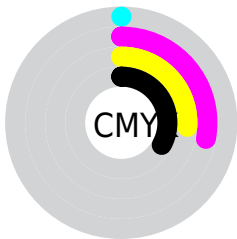
Blue (49%)



Red (67%)

Yellow (48%)

Blue (49%)

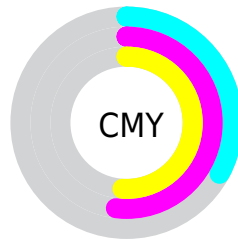


Cyan (0%)

Magenta (28%)

Yellow (26%)

Black (33%)



Cyan (33%)


Magenta (52%)


Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 27.6434, 24.3302, 22.9779 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 27.6434, 24.3302, 22.9779 by changing the saturation by 10% instead.


 27.6434, 24.3302,
22.9779


 27.6434, 24.3302,
22.9779


282.8701,
274.4856, 280.7297


 18.1961, 15.5787,
14.3720


 55.3272, 50.5685,
49.2798

 11.1914, 9.2266,
8.2382


 74.2945, 68.8241,
67.8129

 6.2640, 4.8893,
4.1578


 97.1658, 91.0166,
90.4921

 3.0484, 2.1824,
1.7123

124.3064,
117.5304, 117.7361

 1.1794, 0.7104,
0.3691

156.0819,
148.7497, 149.9633

 0.0900, 0.0000,
0.0000

192.8574,

 0.0000, 0.0000,

185.0591, 187.5922

0.0000

234.9983,
226.8430, 231.0415

■ 27.6434, 24.3302,
22.9779

■ 27.6434, 24.3302,
22.9779

■ 24.7515, 20.0714,
17.3125

■ 31.0729, 29.3986,
29.6411

■ 22.3682, 16.5772,
12.5954

■ 35.0634, 35.3120,
37.3453

■ 20.4646, 13.8032,
8.7753


■ 39.6391, 42.1076,
46.1330


■ 19.0080, 11.6993,
5.7953


■ 44.8223, 49.8196,
56.0438


■ 17.9619, 10.2087,
3.5919


■ 50.6341, 58.4802,
67.1155


 17.2838, 9.2654,
2.0928


 57.0946, 68.1202,
79.3840

 16.9082, 8.7608,
1.2073

 64.2229, 78.7688,
92.8835

 16.8531, 8.6813,
1.0943

 70.4857, 87.3504,
107.1299

 70.6046, 87.3979,
107.7560

Harmonies

Analogous

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



27.7257, 24.3302, 29.4995



27.6434, 24.3302, 22.9779



26.3001, 24.3302, 18.2549

Triad

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



27.6434, 24.3302, 22.9779



20.0346, 24.3302, 18.7043



22.1269, 24.3302, 40.9100

Complementary

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



27.6434, 24.3302, 22.9779



29.8002, 36.1644, 42.4573

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.



20.2165, 24.3302, 36.8940



27.6434, 24.3302, 22.9779



19.0639, 24.3302, 23.6951

Square

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



27.6434, 24.3302, 22.9779



21.8633, 24.3302, 16.0840



19.1281, 24.3302, 30.3461



24.4345, 24.3302, 40.6312

Rectangle

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



27.6434, 24.3302, 22.9779



24.9182, 24.3302, 16.4326



19.1281, 24.3302, 30.3461



21.4202, 24.3302, 39.9925

Sweetspot

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



27.6441, 24.3313, 22.9784



62.7402, 63.1581, 66.7746



30.5402, 25.4102, 41.8231



13.7418, 13.7143, 14.4103



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.



27.6441, 24.3313, 22.9784



46.0187, 38.4323, 34.3263



30.3134, 29.9749, 22.9284



8.0248, 8.0232, 8.4413



12.7121, 6.5474, 0.8635



0.3601, 0.1847, 0.0578

Inverse Universe

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



27.6441, 24.3313, 22.9784



46.0187, 38.4323, 34.3263



26.4583, 29.0288, 42.7367



8.0248, 8.0232, 8.4413



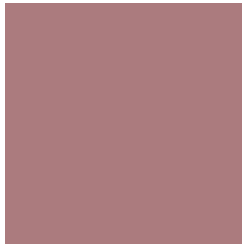
12.7121, 6.5474, 0.8635



0.3601, 0.1847, 0.0578

Previews

White Background



This preview shows how the XYZ color 27.6434, 24.3302, 22.9779 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 27.6434, 24.3302, 22.9779 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

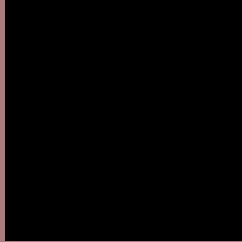
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 27.6434, 24.3302, 22.9779

Background



This preview shows how black text looks on a background with the XYZ color 27.6434, 24.3302, 22.9779.



This preview shows how white text looks on a background with the XYZ color 27.6434, 24.3302,

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

27.6434, 24.3302, 22.9779

Protanopia

23.5451, 24.5104, 25.6803

Deuteranopia

24.9548, 24.4856, 22.8130



Tritanopia

28.0695, 24.3284, 24.6892

Trichromacy



Original Color

27.6434, 24.3302, 22.9779

Protanomaly

24.9081, 24.4236, 24.5205

Deuteranomaly

25.9180, 24.3926, 22.7442

Tritanomaly

27.9352, 24.2747, 23.9820

Monochromacy



Original Color

27.6434, 24.3302, 22.9779

Achromatopsia

24.1572, 25.4152, 27.6772

Achromatomaly

25.2683, 24.9803, 26.0442

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.6434, 24.3302, 22.9779 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(171, 123, 126)` looks like.

```
.text, #text, p{  
    color:rgb(171, 123, 126)  
}
```

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(171, 123, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 123, 126) }
```

Border

The CSS property to change the border of an element to XYZ 27.6434, 24.3302, 22.9779 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(171, 123, 126) }
```


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

```
.border{ border-color:rgb(171, 123, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 123, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 123, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 123, 126);  
box-shadow:4px 4px 4px 4px rgb(171, 123,  
126) }
```

Background

The CSS property to change the background color of an element to XYZ 27.6434, 24.3302, 22.9779 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 123, 126) }
```

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

```
.background{ background-color: rgb(171,  
123, 126) }
```

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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