

Converting Colors

XYZ(27.5715, 24.2987, 22.0065)

Have a look what the booklet for
XYZ(27.5715, 24.2987, 22.0065)
contains.

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Color

**XYZ(27.6714, 24.3666,
21.9837)**

Conversions

Conversions Part 1

Format	Color
Hex	AC7B7B
RGB	172, 123, 123
RGB Percent	67%, 48%, 48%
CMY	0.3255, 0.5176, 0.5176
CMYK	0.00, 0.28, 0.28, 0.33
HSL	0°, 23%, 58%
HSV	0°, 28%, 67%
XYZ	27.6714, 24.3666, 21.9837
YIQ	137.6510, 29.2040, 10.3880

Conversions

Conversions Part 2

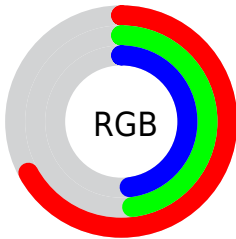
Format	Color
R_{YB}	172, 123, 123
Decimal	11303803
CIE _{Lab}	56.45, 19.09, 7.59
CIE _{LCh}	56, 20.542, 21.680
Yxy	24.3666, 0.3738, 0.3292
Android (android.graphics.Color)	4289493883 (0xFFAC7B7B)
YUV	137.6510, -7.2229, 30.1241
Hunter-Lab	49.3625, 13.6782, 8.1489

Details

The XYZ color **27.6714, 24.3666, 21.9837** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **30.3670, 36.6936, 44.5121**, and the grayscale version is **24.0439, 25.2961, 27.5474**.

A 20% lighter version of the original color is **55.2581, 50.6398, 47.4195**, and **11.1560, 9.2435, 7.6748** is the 20% darker color. If you saturate the color by 10%, you get **24.7385, 20.0751, 16.1525**, and if you desaturate by 10%, it is **31.1696, 29.4857, 28.9372**.

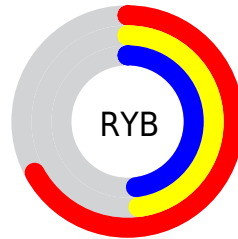
Distribution



Red (67%)

Green (48%)

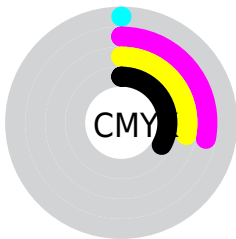
Blue (48%)



Red (67%)

Yellow (48%)

Blue (48%)

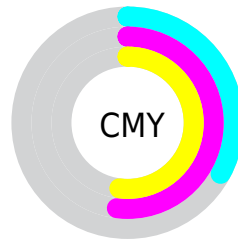


Cyan (0%)

Magenta (28%)

Yellow (28%)

Black (33%)



Cyan (33%)


Magenta (52%)


Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 27.6714, 24.3666, 21.9837 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 27.6714, 24.3666, 21.9837 by changing the saturation by 10% instead.


 27.6714, 24.3666,
21.9837


 27.6714, 24.3666,
21.9837


283.0020,
274.6687, 275.4119


 18.2173, 15.6058,
13.6467


 55.3717, 50.6278,
47.6209

 11.2067, 9.2456,
7.7394


 74.3486, 68.8969,
65.7582

 6.2744, 4.9017,
3.8433


 97.2305, 91.1043,
87.9994

 3.0549, 2.1897,
1.5398

124.3827,
117.6344, 114.7629

 1.1828, 0.7144,
0.2473

156.1706,
148.8714, 146.4674

 0.0928, 0.0000,
0.0000

192.9596,

 0.0000, 0.0000,

185.1999, 183.5314

0.0000

235.1149,
227.0042, 226.3733

■ 27.6714, 24.3666,
21.9837

■ 27.6714, 24.3666,
21.9837

■ 24.7385, 20.0751,
16.1525

■ 31.1696, 29.4857,
28.9372

■ 22.3395, 16.5647,
11.3834

■ 35.2586, 35.4690,
37.0660

■ 20.4428, 13.7893,
7.6130

■ 39.9645, 42.3551,
46.4213

■ 19.0128, 11.6967,
4.7704

■ 45.3115, 50.1792,
57.0511

■ 18.0092, 10.2280,
2.7753

■ 51.3223, 58.9746,
69.0007

■ 17.3847, 9.3142,
1.5341

■ 58.0187, 68.7731,
82.3131

■ 17.0560, 8.8331,
0.8807

■ 65.4212, 79.6050,
97.0294

■ 17.0135, 8.7710,
0.7963

■ 70.8234, 87.5107,
107.7662

Harmonies

Analogous

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



27.9824, 24.3666, 28.4704



27.6714, 24.3666, 21.9837



26.1106, 24.3666, 17.5303

Triad

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



27.6714, 24.3666, 21.9837



19.7561, 24.3666, 19.2149



22.5047, 24.3666, 41.7032

Complementary

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



27.6714, 24.3666, 21.9837



30.3670, 36.6936, 44.5121

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.



20.4400, 24.3666, 38.1815



27.6714, 24.3666, 21.9837



18.9257, 24.3666, 24.6819

Square

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



27.6714, 24.3666, 21.9837



21.5121, 24.3666, 16.1324



19.1672, 24.3666, 31.6659



24.8894, 24.3666, 40.6468

Rectangle

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



27.6714, 24.3666, 21.9837



24.6261, 24.3666, 15.9448



19.1672, 24.3666, 31.6659



21.7527, 24.3666, 40.9967

Sweetspot

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



27.6721, 24.3677, 21.9842



63.4299, 63.5641, 66.1811



31.5429, 25.9155, 42.3697



13.5446, 13.4625, 13.9052



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.



27.6721, 24.3677, 21.9842



46.8251, 39.2667, 33.1714



31.1003, 31.2243, 23.1270



8.0053, 8.0154, 8.3386



12.6608, 6.5270, 0.5925



0.3522, 0.1816, 0.0165

Inverse Universe

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



30.3670, 36.6936, 44.5121



52.5024, 65.2331, 80.6298



26.1267, 28.2131, 43.0986



8.2363, 9.0720, 10.2697



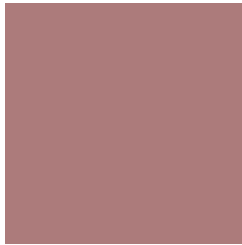
16.5181, 24.1700, 32.8392



0.4595, 0.6724, 0.9136

Previews

White Background



This preview shows how the XYZ color 27.6714, 24.3666, 21.9837 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 27.6714, 24.3666, 21.9837 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

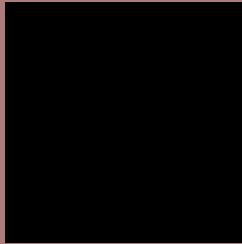
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 27.6714, 24.3666, 21.9837

Background



This preview shows how black text looks on a background with the XYZ color 27.6714, 24.3666, 21.9837.



This preview shows how white text looks on a background with the XYZ color 27.6714, 24.3666,

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

27.6714, 24.3666, 21.9837

Protanopia

23.5085, 24.5151, 24.6120

Deuteranopia

24.9556, 24.5078, 21.8275



Tritanopia

28.2898, 24.4420, 24.6995

Trichromacy



Original Color

27.6714, 24.3666, 21.9837

Protanomaly

24.8960, 24.4403, 23.4840

Deuteranomaly

25.9300, 24.4206, 21.7593

Tritanomaly

28.0894, 24.3618, 23.6439

Monochromacy



Original Color

27.6714, 24.3666, 21.9837

Achromatopsia

24.1572, 25.4152, 27.6772

Achromatomaly

25.1988, 24.9525, 25.6785

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.6714, 24.3666, 21.9837 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, 123, 123)` looks like.

```
.text, #text, p{  
    color:rgb(172, 123, 123)  
}
```

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, 123, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 123, 123) }
```

Border

The CSS property to change the border of an element to XYZ 27.6714, 24.3666, 21.9837 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, 123, 123) }
```


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

```
.border{ border-color:rgb(172, 123, 123) }
```

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

Here you see how a box with a 4 pixel rgb(172, 123, 123) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 123, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 123, 123);  
box-shadow:4px 4px 4px 4px rgb(172, 123,  
123) }
```

Background

The CSS property to change the background color of an element to XYZ 27.6714, 24.3666, 21.9837 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 123, 123) }
```

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

```
.background{ background-color: rgb(172,  
123, 123) }
```

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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