

Converting Colors

XYZ(26.8141, 23.6800, 26.0399)

Have a look what the booklet for
XYZ(26.8141, 23.6800, 26.0399)
contains.

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Color

**XYZ(26.8498, 23.6677,
26.0749)**

Conversions

Conversions Part 1

Format	Color
Hex	A57A87
RGB	165, 122, 135
RGB Percent	65%, 48%, 53%
CMY	0.3529, 0.5216, 0.4706
CMYK	0.00, 0.26, 0.18, 0.35
HSL	342°, 19%, 56%
HSV	342°, 26%, 65%
XYZ	26.8498, 23.6677, 26.0749
YIQ	136.3390, 21.4550, 13.1590

Conversions

Conversions Part 2

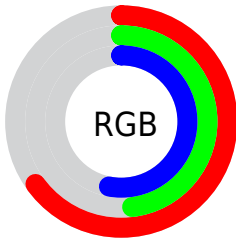
Format	Color
R_{YB}	165, 122, 135
Decimal	10844807
CIE _{Lab}	55.75, 18.79, -0.49
CIE _{LCh}	56, 18.797, 358.519
Yxy	23.6677, 0.3506, 0.3090
Android (android.graphics.Color)	4289034887 (0xFFA57A87)
YUV	136.3390, -0.6601, 25.1357
Hunter-Lab	48.6495, 13.3782, 2.2767

Details

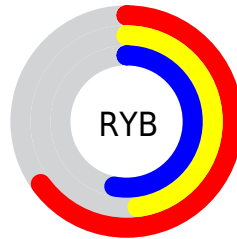
The XYZ color **26.8498, 23.6677, 26.0749** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **27.1497, 33.3155, 34.7070**, and the grayscale version is **23.5262, 24.7514, 26.9543**.

A 20% lighter version of the original color is **54.2259, 49.6629, 54.3048**, and **10.7043, 8.8657, 9.7414** is the 20% darker color. If you saturate the color by 10%, you get **24.2261, 19.6479, 21.4152**, and if you desaturate by 10%, it is **29.9065, 28.4127, 31.3120**.

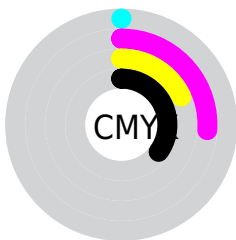
Distribution



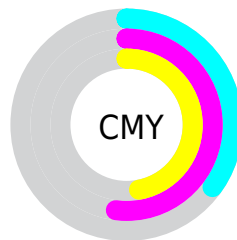
- Red (65%)
- Green (48%)
- Blue (53%)



- Red (65%)
- Yellow (48%)
- Blue (53%)



- Cyan (0%)
- Magenta (26%)
- Yellow (18%)
- Black (35%)





- Cyan (35%)
- Magenta (52%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.8498, 23.6677, 26.0749 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 26.8498, 23.6677, 26.0749 by changing the saturation by 10% instead.


 26.8498, 23.6677,
26.0749


 26.8498, 23.6677,
26.0749


279.1100,
271.1362, 296.7667

 17.5965, 15.0873,
16.6534


 54.0643, 49.4874,
54.3813

 10.7586, 8.8807,
9.8284


 72.7562, 67.4955,
74.1033

 5.9708, 4.6634,
5.1812


 95.3251, 89.4149,
98.0959

 2.8678, 2.0512,
2.2934

122.1361,
115.6301, 126.7777

 1.0843, 0.6370,
0.7275

153.5548,
146.5254, 160.5671

 0.0119, 0.0000,
0.0000

189.9464,

 0.0000, 0.0000,

182.4853, 199.8827

0.0000

231.6763,
223.8940, 245.1431

■ 26.8498, 23.6677,
26.0749

■ 26.8498, 23.6677,
26.0749

■ 24.2261, 19.6479,
21.4152

■ 29.9065, 28.4127,
31.3120

■ 22.0132, 16.3141,
17.3110

■ 33.4130, 33.9130,
37.1443

■ 20.1900, 13.6287,
13.7410


■ 37.3876, 40.2010,
43.5907


■ 18.7327, 11.5486,
10.6822

■ 41.8471, 47.3060,
50.6688


■ 17.6145, 10.0258,
8.1094


■ 46.8071, 55.2561,
58.3956


 16.8048, 9.0048,
5.9952


 52.2830, 64.0780,
66.7871

 16.2634, 8.4108,
4.3074

 58.2892, 73.7970,
75.8591

 16.0902, 8.2286,
3.7438

 64.8395, 84.4376,
85.6267

 66.8001, 85.7286,
94.3887

Harmonies

Analogous

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



26.1777, 23.6677, 32.4040



26.8498, 23.6677, 26.0749



26.2952, 23.6677, 20.5587

Triad

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



26.8498, 23.6677, 26.0749



20.5934, 23.6677, 16.7655



20.4208, 23.6677, 37.1419

Complementary

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



26.8498, 23.6677, 26.0749



27.1497, 33.3155, 34.7070

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.



19.0806, 23.6677, 31.7952



26.8498, 23.6677, 26.0749



19.1757, 23.6677, 20.1097

Square

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



26.8498, 23.6677, 26.0749



22.6016, 23.6677, 15.7207



18.6393, 23.6677, 25.4677



22.3896, 23.6677, 39.3867

Rectangle

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



26.8498, 23.6677, 26.0749



25.3230, 23.6677, 17.9336



18.6393, 23.6677, 25.4677



19.8866, 23.6677, 35.6101

Sweetspot

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



26.8505, 23.6688, 26.0754



58.4603, 58.5637, 64.2513



26.5857, 23.2529, 38.6847



12.5762, 12.4820, 13.7087



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



26.8505, 23.6688, 26.0754



45.4040, 38.2650, 41.9750



26.9979, 25.3398, 21.8818



7.1578, 7.1196, 7.8174



12.1922, 6.2330, 2.9370



0.2762, 0.1390, 0.1672

Inverse Universe

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



26.8505, 23.6688, 26.0754



45.4040, 38.2650, 41.9750



26.8952, 31.0084, 40.1653



7.1578, 7.1196, 7.8174



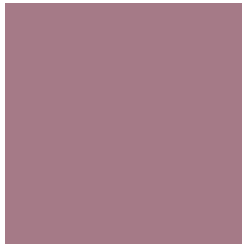
12.1922, 6.2330, 2.9370



0.2762, 0.1390, 0.1672

Previews

White Background



This preview shows how the XYZ color 26.8498, 23.6677, 26.0749 looks on a white background.

Color Contrast Check

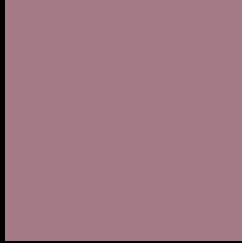
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.8498, 23.6677, 26.0749 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

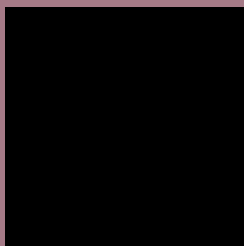
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 26.8498, 23.6677, 26.0749

Background



This preview shows how black text looks on a background with the XYZ color 26.8498, 23.6677, 26.0749.



This preview shows how white text looks on a background with the XYZ color 26.8498, 23.6677,

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

26.8498, 23.6677, 26.0749

Protanopia

23.1015, 23.7964, 28.9668

Deuteranopia

24.3183, 23.8895, 25.8837



Tritanopia

26.7649, 23.8312, 25.0190

Trichromacy



Original Color

26.8498, 23.6677, 26.0749

Protanomaly

24.1875, 23.5843, 27.7035

Deuteranomaly

25.2189, 23.7700, 25.8131

Tritanomaly

26.8336, 23.8587, 25.3812

Monochromacy



Original Color

26.8498, 23.6677, 26.0749

Achromatopsia

23.4014, 24.6201, 26.8113

Achromatomaly

24.5929, 24.2132, 26.6700

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.8498, 23.6677, 26.0749 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(165, 122, 135)` looks like.

```
.text, #text, p{  
    color:rgb(165, 122, 135)  
}
```

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(165, 122, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 122, 135) }
```

Border

The CSS property to change the border of an element to XYZ 26.8498, 23.6677, 26.0749 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(165, 122, 135) }
```


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

```
.border{ border-color:rgb(165, 122, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 122, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 122, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 122, 135);  
box-shadow:4px 4px 4px 4px rgb(165, 122,  
135) }
```

Background

The CSS property to change the background color of an element to XYZ 26.8498, 23.6677, 26.0749 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 122, 135) }
```

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

```
.background{ background-color: rgb(165,  
122, 135) }
```

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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