

Converting Colors

XYZ(27.6753, 24.2683, 26.5182)

Have a look what the booklet for
XYZ(27.6753, 24.2683, 26.5182)
contains.

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Color

**XYZ(27.6753, 24.2683,
26.5182)**

Conversions

Conversions Part 1

Format	Color
Hex	A87B88
RGB	168, 123, 136
RGB Percent	66%, 48%, 53%
CMY	0.3412, 0.5176, 0.4667
CMYK	0.00, 0.27, 0.19, 0.34
HSL	343°, 21%, 57%
HSV	343°, 27%, 66%
XYZ	27.6753, 24.2683, 26.5182
YIQ	137.9370, 22.6470, 13.5830

Conversions

Conversions Part 2

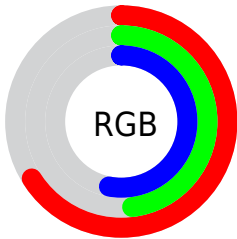
Format	Color
R_{YB}	168, 123, 136
Decimal	11041672
CIE _{Lab}	56.36, 19.52, -0.15
CIE _{LCh}	56, 19.525, 359.566
Yxy	24.2683, 0.3527, 0.3093
Android (android.graphics.Color)	4289231752 (0xFFA87B88)
YUV	137.9370, -0.9549, 26.3653
Hunter-Lab	49.2629, 14.0692, 2.5682

Details

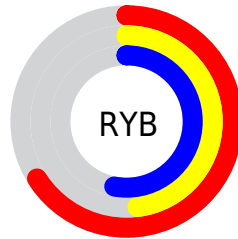
The XYZ color **27.6753, 24.2683, 26.5182** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **28.0883, 34.5833, 36.2067**, and the grayscale version is **24.1315, 25.3882, 27.6477**.

A 20% lighter version of the original color is **55.4511, 50.5721, 54.9829**, and **11.1987, 9.2143, 9.9924** is the 20% darker color. If you saturate the color by 10%, you get **24.9651, 20.1316, 21.6565**, and if you desaturate by 10%, it is **30.8392, 29.1603, 31.9987**.

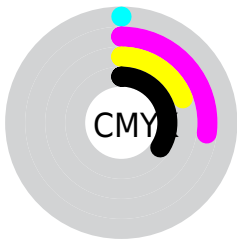
Distribution



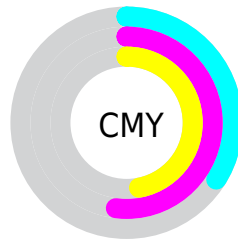
- Red (66%)
- Green (48%)
- Blue (53%)



- Red (66%)
- Yellow (48%)
- Blue (53%)



- Cyan (0%)
- Magenta (27%)
- Yellow (19%)
- Black (34%)



- Cyan (34%)
- Magenta (52%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.6753, 24.2683, 26.5182 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 27.6753, 24.2683, 26.5182 by changing the saturation by 10% instead.

■ 27.6753, 24.2683,
26.5182

■ 27.6753, 24.2683,
26.5182

283.0204,
274.1741, 299.0027

■ 18.2202, 15.5328,
16.9825

■ 55.3779, 50.4677,
55.1041

■ 11.2089, 9.1941,
10.0602

■ 74.3562, 68.7003,
74.9913

■ 6.2758, 4.8680,
5.3327

■ 97.2395, 90.8674,
99.1661

■ 3.0558, 2.1700,
2.3817

124.3933,
117.3534, 128.0470

■ 1.1833, 0.7036,
0.7764

156.1830,
148.5427, 162.0526

■ 0.0931, 0.0000,
0.0000

192.9738,

■ 0.0000, 0.0000,

184.8196, 201.6014

0.0000

235.1312,
226.5686, 247.1119

■ 27.6753, 24.2683,
26.5182

■ 27.6753, 24.2683,
26.5182

■ 24.9651, 20.1316,
21.6565

■ 30.8392, 29.1603,
31.9987

■ 22.6851, 16.7093,
17.3898

■ 34.4747, 34.8395,
38.1177

■ 20.8131, 13.9613,
13.6947


■ 38.6011, 41.3398,
44.8958


■ 19.3234, 11.8423,
10.5458


■ 43.2360, 48.6923,
52.3523


■ 18.1878, 10.3016,
7.9155


■ 48.3964, 56.9262,
60.5056


 17.3738, 9.2803,
5.7734


 54.0981, 66.0697,
69.3734

 16.8353, 8.6934,
4.0832

 60.3565, 76.1494,
78.9729

 16.6929, 8.5426,
3.6226

 66.4145, 85.6472,
89.0631

 68.1660, 86.3479,
98.2868

Harmonies

Analogous

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



27.0069, 24.2683, 33.2204



27.6753, 24.2683, 26.5182



27.0434, 24.2683, 20.7626

Triad

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



27.6753, 24.2683, 26.5182



20.9940, 24.2683, 17.0348



20.9406, 24.2683, 38.6303

Complementary

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



27.6753, 24.2683, 26.5182



28.0883, 34.5833, 36.2067

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.



19.4996, 24.2683, 33.0310



27.6753, 24.2683, 26.5182



19.5290, 24.2683, 20.6243

Square

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



27.6753, 24.2683, 26.5182



23.0991, 24.2683, 15.8576



18.9997, 24.2683, 26.3301



23.0335, 24.2683, 40.8741

Rectangle

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



27.6753, 24.2683, 26.5182



25.9917, 24.2683, 18.0606



18.9997, 24.2683, 26.3301



20.3690, 24.2683, 37.0376

Sweetspot

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



27.6760, 24.2694, 26.5187



61.6080, 61.7296, 67.5863



27.5735, 23.9135, 40.2084



13.2099, 13.1131, 14.3668



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



27.6760, 24.2694, 26.5187



47.2693, 39.5202, 42.8671



27.9756, 26.2585, 22.3342



7.6169, 7.5766, 8.2999



12.6256, 6.4589, 2.8399



0.3290, 0.1659, 0.1839

Inverse Universe

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



27.6760, 24.2694, 26.5187



47.2693, 39.5202, 42.8671



27.6352, 31.8351, 41.7342



7.6169, 7.5766, 8.2999



12.6256, 6.4589, 2.8399



0.3290, 0.1659, 0.1839

Previews

White Background



This preview shows how the XYZ color 27.6753, 24.2683, 26.5182 looks on a white background.

Color Contrast Check

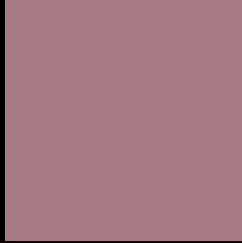
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.6753, 24.2683, 26.5182 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

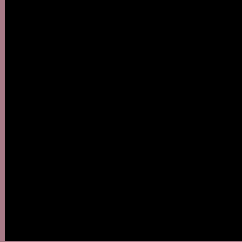
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 27.6753, 24.2683, 26.5182

Background



This preview shows how black text looks on a background with the XYZ color 27.6753, 24.2683, 26.5182.

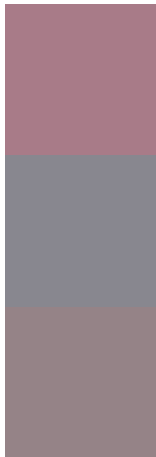


This preview shows how white text looks on a background with the XYZ color 27.6753, 24.2683,

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

27.6753, 24.2683, 26.5182

Protanopia

23.7752, 24.5454, 29.4712

Deuteranopia

24.8839, 24.3714, 26.3143



Tritanopia

27.5897, 24.4336, 25.4523

Trichromacy



Original Color

27.6753, 24.2683, 26.5182

Protanomaly

25.0627, 24.4219, 28.2039

Deuteranomaly

25.8026, 24.2555, 26.2435

Tritanomaly

27.6592, 24.4614, 25.8180

Monochromacy



Original Color

27.6753, 24.2683, 26.5182

Achromatopsia

24.1572, 25.4152, 27.6772

Achromatomaly

25.2973, 24.9708, 27.1534

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.6753, 24.2683, 26.5182 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(168, 123, 136)` looks like.

```
.text, #text, p{  
    color:rgb(168, 123, 136)  
}
```

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(168, 123, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 123, 136) }
```

Border

The CSS property to change the border of an element to XYZ 27.6753, 24.2683, 26.5182 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(168, 123, 136) }
```


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

```
.border{ border-color:rgb(168, 123, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 123, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 123, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 123, 136);  
box-shadow:4px 4px 4px 4px rgb(168, 123,  
136) }
```

Background

The CSS property to change the background color of an element to XYZ 27.6753, 24.2683, 26.5182 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 123, 136) }
```

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

```
.background{ background-color: rgb(168,  
123, 136) }
```

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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