

Converting Colors

XYZ(27.0345, 22.9298, 26.0637)

Have a look what the booklet for
XYZ(27.0345, 22.9298, 26.0637)
contains.

XYZ(26.8829, 22.7967, 25.9050)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(26.8829, 22.7967,
25.9050)**

Conversions

Conversions Part 1

Format	Color
Hex	A87587
RGB	168, 117, 135
RGB Percent	66%, 46%, 53%
CMY	0.3412, 0.5412, 0.4706
CMYK	0.00, 0.30, 0.20, 0.34
HSL	339°, 23%, 56%
HSV	339°, 30%, 66%
XYZ	26.8829, 22.7967, 25.9050
YIQ	134.3010, 24.6180, 16.4100

Conversions

Conversions Part 2

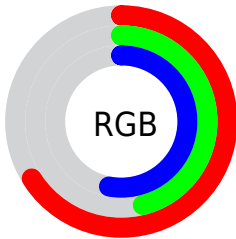
Format	Color
R _Y B	168, 117, 135
Decimal	11040135
CIE Lab	54.86, 22.77, -1.75
CIE LCh	55, 22.834, 355.599
Yxy	22.7967, 0.3557, 0.3016
Android (android.graphics.Color)	4289230215 (0xFFA87587)
YUV	134.3010, 0.3446, 29.5540
Hunter-Lab	47.7459, 16.9475, 1.2538

Details

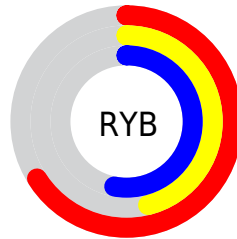
The XYZ color **26.8829, 22.7967, 25.9050** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **26.8447, 33.9897, 34.0016**, and the grayscale version is **22.7637, 23.9492, 26.0807**.

A 20% lighter version of the original color is **54.1923, 48.2276, 54.0296**, and **10.7770, 8.4350, 9.6544** is the 20% darker color. If you saturate the color by 10%, you get **24.3716, 18.9370, 21.4824**, and if you desaturate by 10%, it is **29.8250, 27.3924, 30.8573**.

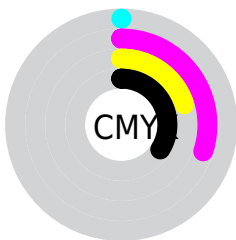
Distribution



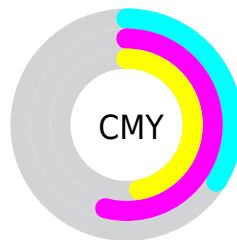
- Red (66%)
- Green (46%)
- Blue (53%)



- Red (66%)
- Yellow (46%)
- Blue (53%)



- Cyan (0%)
- Magenta (30%)
- Yellow (20%)
- Black (34%)



- Cyan (34%)
- Magenta (54%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.8829, 22.7967, 25.9050 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 26.8829, 22.7967, 25.9050 by changing the saturation by 10% instead.

■ 26.8829, 22.7967,
25.9050

■ 26.8829, 22.7967,
25.9050

279.2676,
266.6791, 295.9060

■ 17.6214, 14.4435,
16.5275

■ 54.1171, 48.0593,
54.1038

■ 10.7766, 8.4297,
9.7398

■ 72.8206, 65.7374,
73.7622

■ 5.9830, 4.3711,
5.1234

■ 95.4021, 87.2927,
97.6846

■ 2.8753, 1.8833,
2.2599

122.2270,
113.1094, 126.2896

■ 1.0882, 0.5383,
0.7086

153.6606,
143.5720, 159.9957

■ 0.0152, 0.0000,
0.0000

190.0684,

■ 0.0000, 0.0000,

179.0649, 199.2215

0.0000

231.8156,
219.9725, 244.3854

■ 26.8829, 22.7967,
25.9050

■ 26.8829, 22.7967,
25.9050

■ 24.3716, 18.9370,
21.4824

■ 29.8250, 27.3924,
30.8573

■ 22.2680, 15.7715,
17.5697

■ 33.2155, 32.7565,
36.3556

■ 20.5497, 13.2593,
14.1474

■ 37.0735, 38.9235,
42.4169

■ 19.1914, 11.3536,
11.1945

■ 41.4163, 45.9248,
49.0573

■ 18.1644, 10.0016,
8.6880

■ 46.2604, 53.7899,
56.2920

■ 17.4352, 9.1409,
6.6023

■ 51.6213, 62.5472,
64.1359

■ 16.9454, 8.6436,
4.9521

■ 57.5142, 72.2235,
72.6029

■ 63.9532, 82.8447,
81.7070

■ 66.5940, 85.7191,
90.0085

Harmonies

Analogous

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



25.9296, 22.7967, 33.5442



26.8829, 22.7967, 25.9050



26.3522, 22.7967, 19.2809

Triad

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



26.8829, 22.7967, 25.9050



19.6350, 22.7967, 14.2672



19.0364, 22.7967, 38.1669

Complementary

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



26.8829, 22.7967, 25.9050



26.8447, 33.9897, 34.0016

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.



17.5739, 22.7967, 31.3337



26.8829, 22.7967, 25.9050



17.9002, 22.7967, 17.7598

Square

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



26.8829, 22.7967, 25.9050



22.0426, 22.7967, 13.3706



17.1746, 22.7967, 23.7691



21.2968, 22.7967, 41.4444

Rectangle

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



26.8829, 22.7967, 25.9050



25.2486, 22.7967, 16.1470



17.1746, 22.7967, 23.7691



18.4423, 22.7967, 36.1520

Sweetspot

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



26.8835, 22.7978, 25.9055



61.0618, 60.6950, 67.2265



25.8793, 21.9687, 39.9223



13.1068, 12.9074, 14.3307



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.



26.8835, 22.7978, 25.9055



45.8211, 36.8009, 41.8380



26.5427, 23.9755, 20.0597



7.6364, 7.5844, 8.4024



12.8189, 6.5363, 3.8578



0.3361, 0.1687, 0.2216

Inverse Universe

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



26.8835, 22.7978, 25.9055



45.8211, 36.8009, 41.8380



27.1846, 32.1694, 41.8225



7.6364, 7.5844, 8.4024



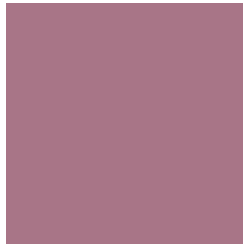
12.8189, 6.5363, 3.8578



0.3361, 0.1687, 0.2216

Previews

White Background



This preview shows how the XYZ color 26.8829, 22.7967, 25.9050 looks on a white background.

Color Contrast Check

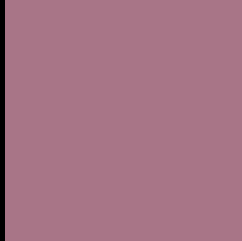
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.8829, 22.7967, 25.9050 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

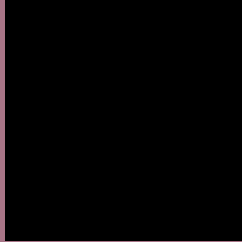
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 26.8829, 22.7967, 25.9050

Background



This preview shows how black text looks on a background with the XYZ color 26.8829, 22.7967, 25.9050.



This preview shows how white text looks on a background with the XYZ color 26.8829, 22.7967,

25.9050.

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

26.8829, 22.7967, 25.9050

Protanopia

22.4343, 23.0411, 29.2516

Deuteranopia

23.3246, 22.8015, 25.3621



Tritanopia

26.2455, 22.7047, 23.0778

Trichromacy



Original Color

26.8829, 22.7967, 25.9050

Protanomaly

23.6961, 22.7445, 27.9521

Deuteranomaly

24.5229, 22.6595, 25.6355

Tritanomaly

26.4440, 22.7841, 24.1231

Monochromacy



Original Color

26.8829, 22.7967, 25.9050

Achromatopsia

22.6597, 23.8398, 25.9615

Achromatomaly

23.8763, 23.2706, 25.7875

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.8829, 22.7967, 25.9050 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, 117, 135)` looks like.

```
.text, #text, p{  
    color:rgb(168, 117, 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(168, 117, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 117, 135) }
```

Border

The CSS property to change the border of an element to XYZ 26.8829, 22.7967, 25.9050 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, 117, 135) }
```


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

```
.border{ border-color:rgb(168, 117, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 117, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 117, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 117, 135);  
box-shadow:4px 4px 4px 4px rgb(168, 117,  
135) }
```

Background

The CSS property to change the background color of an element to XYZ 26.8829, 22.7967, 25.9050 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 117, 135) }
```

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

```
.background{ background-color: rgb(168,  
117, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor