

Converting Colors

XYZ(28.6406, 24.8621, 33.2669)

Have a look what the booklet for
XYZ(28.6406, 24.8621, 33.2669)
contains.

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Color

**XYZ(28.6833, 24.8222,
33.4164)**

Conversions

Conversions Part 1

Format	Color
Hex	A67C99
RGB	166, 124, 153
RGB Percent	65%, 49%, 60%
CMY	0.3490, 0.5137, 0.4000
CMYK	0.00, 0.25, 0.08, 0.35
HSL	319°, 19%, 57%
HSV	319°, 25%, 65%
XYZ	28.6833, 24.8222, 33.4164
YIQ	139.8640, 15.7230, 17.9230

Conversions

Conversions Part 2

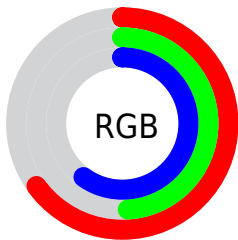
Format	Color
R_{YB}	166, 124, 153
Decimal	10910873
CIE _{Lab}	56.90, 21.15, -9.21
CIE _{LCh}	57, 23.065, 336.458
Yxy	24.8222, 0.3300, 0.2856
Android (android.graphics.Color)	4289100953 (0xFFA67C99)
YUV	139.8640, 6.4760, 22.9213
Hunter-Lab	49.8219, 15.5772, -4.8915

Details

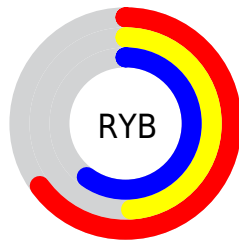
The XYZ color **28.6833, 24.8222, 33.4164** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **26.4647, 33.3644, 28.7135**, and the grayscale version is **24.8465, 26.1404, 28.4669**.

A 20% lighter version of the original color is **57.1088, 51.4789, 65.9579**, and **11.7244, 9.5022, 13.7865** is the 20% darker color. If you saturate the color by 10%, you get **26.3604, 20.8406, 30.5932**, and if you desaturate by 10%, it is **31.3762, 29.5137, 36.4537**.

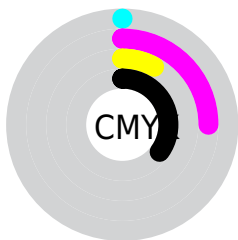
Distribution



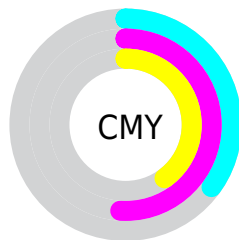
- Red (65%)
- Green (49%)
- Blue (60%)



- Red (65%)
- Yellow (49%)
- Blue (60%)



- Cyan (0%)
- Magenta (25%)
- Yellow (8%)
- Black (35%)



- Cyan (35%)
- Magenta (51%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.6833, 24.8222, 33.4164 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 28.6833, 24.8222, 33.4164 by changing the saturation by 10% instead.

■ 28.6833, 24.8222,
33.4164

■ 28.6833, 24.8222,
33.4164

287.7390,
276.9513, 332.2113

■ 18.9844, 15.9446,
22.1719

■ 56.9746, 51.3686,
66.1486

■ 11.7630, 9.4850,
13.7837

■ 76.2977, 69.8063,
88.4733

■ 6.6535, 5.0588,
7.8334

■ 99.5597, 92.1994,
115.3286

■ 3.2908, 2.2818,
3.9023

127.1258,
118.9325, 147.1329

■ 1.3093, 0.7641,
1.5719

159.3614,
150.3898, 184.3048

■ 0.1902, 0.0000,
0.2706

196.6319,

■ 0.0000, 0.0000,

186.9558, 227.2628

0.0000

239.3026,
229.0148, 276.4254

■ 28.6833, 24.8222,
33.4164

■ 28.6833, 24.8222,
33.4164

■ 26.3604, 20.8406,
30.5932

■ 31.3762, 29.5137,
36.4537

■ 24.3874, 17.5306,
27.9754

■ 34.4534, 34.9445,
39.7101

■ 22.7459, 14.8549,
25.5561

■ 37.9310, 41.1463,
43.1923

■ 21.4147, 12.7716,
23.3270

■ 41.8238, 48.1480,
46.9064

■ 20.3700, 11.2336,
21.2789

■ 46.1456, 55.9771,
50.8579

■ 19.5845, 10.1865,
19.4016

■ 50.9096, 64.6596,
55.0523

■ 19.0235, 9.5616,
17.6822

■ 56.1285, 74.2206,
59.4949

■ 18.7985, 9.3361,
16.9153

■ 61.2359, 83.5270,
63.9978

■ 61.8236, 83.7621,
67.0927

Harmonies

Analogous

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



26.8166, 24.8222, 40.8473



28.6833, 24.8222, 33.4164



29.1407, 24.8222, 25.3880

Triad

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



28.6833, 24.8222, 33.4164



23.0133, 24.8222, 14.7746



19.6561, 24.8222, 36.8678

Complementary

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



28.6833, 24.8222, 33.4164



26.4647, 33.3644, 28.7135

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.



18.7978, 24.8222, 28.7354



28.6833, 24.8222, 33.4164



20.6383, 24.8222, 16.7395

Square

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



28.6833, 24.8222, 33.4164



25.7293, 24.8222, 15.5528



19.1432, 24.8222, 21.5091



21.5779, 24.8222, 43.0910

Rectangle

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



28.6833, 24.8222, 33.4164



28.5562, 24.8222, 20.9253



19.1432, 24.8222, 21.5091



19.2406, 24.8222, 34.2130

Sweetspot

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



28.6840, 24.8233, 33.4169



60.8648, 60.4716, 70.3440



24.3427, 22.4544, 39.1279



13.4338, 13.2026, 15.5459



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.



28.6840, 24.8233, 33.4169



49.7594, 41.0946, 57.9058



27.1267, 24.2004, 25.2162



7.7416, 7.6265, 8.9562



14.5988, 7.2482, 13.2307



0.3765, 0.1849, 0.4343

Inverse Universe

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



28.6840, 24.8233, 33.4169



49.7594, 41.0946, 57.9058



28.0864, 34.0130, 37.2530



7.7416, 7.6265, 8.9562



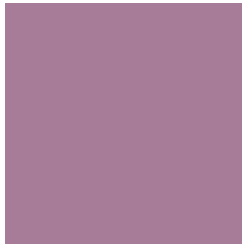
14.5988, 7.2482, 13.2307



0.3765, 0.1849, 0.4343

Previews

White Background



This preview shows how the XYZ color 28.6833, 24.8222, 33.4164 looks on a white background.

Color Contrast Check

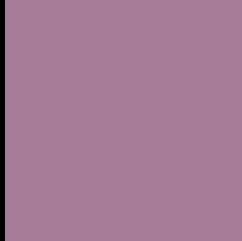
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.6833, 24.8222, 33.4164 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

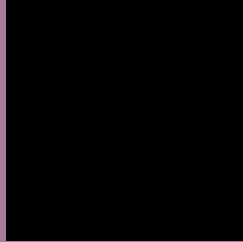
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 28.6833, 24.8222, 33.4164

Background



This preview shows how black text looks on a background with the XYZ color 28.6833, 24.8222, 33.4164.



This preview shows how white text looks on a background with the XYZ color 28.6833, 24.8222,

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

28.6833, 24.8222, 33.4164

Protanopia

24.7529, 25.0871, 37.2559

Deuteranopia

25.3011, 24.8491, 32.7410



Tritanopia

27.4146, 24.8774, 27.0238

Trichromacy



Original Color

28.6833, 24.8222, 33.4164

Protanomaly

25.9244, 24.9004, 35.7877

Deuteranomaly

26.4126, 24.8116, 33.1028

Tritanomaly

27.9358, 24.9042, 29.3212

Monochromacy



Original Color

28.6833, 24.8222, 33.4164

Achromatopsia

24.9269, 26.2251, 28.5591

Achromatomaly

26.0304, 25.4841, 30.3350

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.6833, 24.8222, 33.4164 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(166, 124, 153)` looks like.

```
.text, #text, p{  
    color:rgb(166, 124, 153)  
}
```

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(166, 124, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 124, 153) }
```

Border

The CSS property to change the border of an element to XYZ 28.6833, 24.8222, 33.4164 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(166, 124, 153) }
```


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

```
.border{ border-color:rgb(166, 124, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 124, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 124, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 124, 153);  
box-shadow:4px 4px 4px 4px rgb(166, 124,  
153) }
```

Background

The CSS property to change the background color of an element to XYZ 28.6833, 24.8222, 33.4164 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 124, 153) }
```

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

```
.background{ background-color: rgb(166,  
124, 153) }
```

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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