

Converting Colors

XYZ(28.2876, 24.0664, 27.1730)

Have a look what the booklet for
XYZ(28.2876, 24.0664, 27.1730)
contains.

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Color

**XYZ(28.3172, 24.0386,
27.1922)**

Conversions

Conversions Part 1

Format	Color
Hex	AC788A
RGB	172, 120, 138
RGB Percent	67%, 47%, 54%
CMY	0.3255, 0.5294, 0.4588
CMYK	0.00, 0.30, 0.20, 0.33
HSL	339°, 24%, 57%
HSV	339°, 30%, 67%
XYZ	28.3172, 24.0386, 27.1922
YIQ	137.6000, 25.2140, 16.6220

Conversions

Conversions Part 2

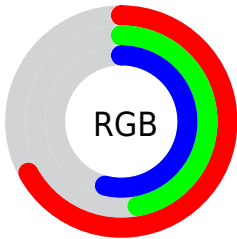
Format	Color
R_{YB}	172, 120, 138
Decimal	11303050
CIE Lab	56.13, 23.05, -1.59
CIE LCh	56, 23.109, 356.049
Yxy	24.0386, 0.3560, 0.3022
Android (android.graphics.Color)	4289493130 (0xFFAC788A)
YUV	137.6000, 0.1972, 30.1688
Hunter-Lab	49.0292, 17.2931, 1.4374

Details

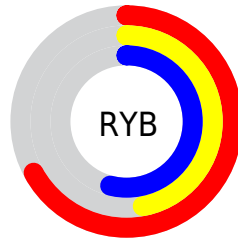
The XYZ color **28.3172, 24.0386, 27.1922** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **28.3320, 35.8319, 35.9966**, and the grayscale version is **23.9984, 25.2482, 27.4952**.

A 20% lighter version of the original color is **56.3424, 50.1427, 55.9992**, and **11.6224, 9.1330, 10.3828** is the 20% darker color. If you saturate the color by 10%, you get **25.6589, 19.9582, 22.4946**, and if you desaturate by 10%, it is **31.4327, 28.8981, 32.4588**.

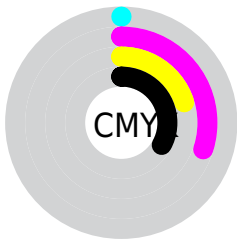
Distribution



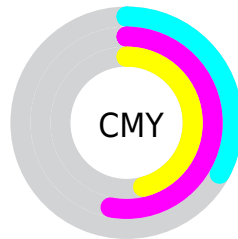
- Red (67%)
- Green (47%)
- Blue (54%)



- Red (67%)
- Yellow (47%)
- Blue (54%)



- Cyan (0%)
- Magenta (30%)
- Yellow (20%)
- Black (33%)





- Cyan (33%)
- Magenta (53%)
- Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 28.3172, 24.0386, 27.1922 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 28.3172, 24.0386, 27.1922 by changing the saturation by 10% instead.


 28.3172, 24.0386,
27.1922


 28.3172, 24.0386,
27.1922


286.0322,
273.0156, 302.3761


 18.7066, 15.3623,
17.4839


 56.3956, 50.0932,
56.1996

 11.5612, 9.0740,
10.4145


 75.5940, 68.2402,
76.3358

 6.5157, 4.7895,
5.5655


 98.7192, 90.3129,
100.7851

 3.2047, 2.1243,
2.5182

126.1363,
116.6957, 129.9659

 1.2629, 0.6782,
0.8498

158.2108,
147.7730, 164.2969

 0.1552, 0.0000,
0.0000

195.3081,

 0.0000, 0.0000,

183.9291, 204.1966

0.0000

237.7934,
225.5485, 250.0835

■ 28.3172, 24.0386,
27.1922

■ 28.3172, 24.0386,
27.1922

■ 25.6589, 19.9582,
22.4946

■ 31.4327, 28.8981,
32.4588

■ 23.4334, 16.6128,
18.3446

■ 35.0244, 34.5711,
38.3119

■ 21.6170, 13.9588,
14.7211


■ 39.1123, 41.0941,
44.7702


■ 20.1825, 11.9468,
11.6012


■ 43.7150, 48.5003,
51.8509


■ 19.0996, 10.5207,
8.9601


■ 48.8499, 56.8212,
59.5706


 18.3328, 9.6143,
6.7702

 54.5336, 66.0866,
67.9451

 17.8167, 9.0920,
5.0262

 60.7819, 76.3252,
76.9898

 66.7737, 85.8908,
86.4407

 68.3864, 86.5359,
94.9330

Harmonies

Analogous

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



27.3404, 24.0386, 35.1982



28.3172, 24.0386, 27.1922



27.7380, 24.0386, 20.2747

Triad

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



28.3172, 24.0386, 27.1922



20.6827, 24.0386, 15.1312



20.1190, 24.0386, 40.2400

Complementary

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



28.3172, 24.0386, 27.1922



28.3320, 35.8319, 35.9966

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.



18.5694, 24.0386, 33.1191



28.3172, 24.0386, 27.1922



18.8767, 24.0386, 18.8412

Square

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



28.3172, 24.0386, 27.1922



23.2008, 24.0386, 14.1487



18.1326, 24.0386, 25.1814



22.4987, 24.0386, 43.5968

Rectangle

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



28.3172, 24.0386, 27.1922



26.5697, 24.0386, 17.0115



18.1326, 24.0386, 25.1814



19.4911, 24.0386, 38.1474

Sweetspot

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



28.3179, 24.0397, 27.1927



64.2882, 63.9069, 70.7026



27.4522, 23.2632, 42.0734



13.7564, 13.5471, 15.0211



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.



28.3179, 24.0397, 27.1927



48.1855, 38.7040, 43.7477



28.0974, 25.5141, 21.2145



8.1154, 8.0594, 8.9185



13.2821, 6.7754, 3.8651



0.3957, 0.1990, 0.2456

Inverse Universe

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



28.3179, 24.0397, 27.1927



48.1855, 38.7040, 43.7477



28.5043, 33.5949, 44.0121



8.1154, 8.0594, 8.9185



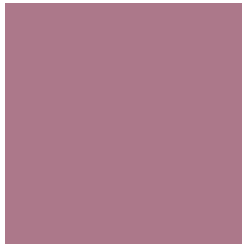
13.2821, 6.7754, 3.8651



0.3957, 0.1990, 0.2456

Previews

White Background



This preview shows how the XYZ color 28.3172, 24.0386, 27.1922 looks on a white background.

Color Contrast Check

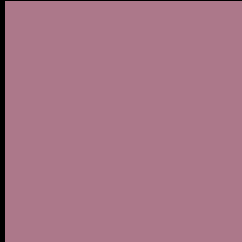
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.3172, 24.0386, 27.1922 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

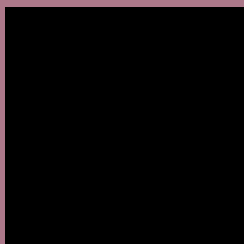
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 28.3172, 24.0386, 27.1922

Background



This preview shows how black text looks on a background with the XYZ color 28.3172, 24.0386, 27.1922.



This preview shows how white text looks on a background with the XYZ color 28.3172, 24.0386,

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

28.3172, 24.0386, 27.1922

Protanopia

23.5449, 24.1938, 30.6231

Deuteranopia

24.5929, 24.2132, 26.6700



Tritanopia

27.7287, 23.9714, 24.6382

Trichromacy



Original Color

28.3172, 24.0386, 27.1922

Protanomaly

25.0209, 23.9796, 29.2964

Deuteranomaly

25.8150, 24.0528, 26.9490

Tritanomaly

27.9350, 24.0539, 25.7248

Monochromacy



Original Color

28.3172, 24.0386, 27.1922

Achromatopsia

24.1572, 25.4152, 27.6772

Achromatomaly

25.2814, 24.5516, 27.4512

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.3172, 24.0386, 27.1922 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, 120, 138)` looks like.

```
.text, #text, p{  
    color:rgb(172, 120, 138)  
}
```

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, 120, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 120, 138) }
```

Border

The CSS property to change the border of an element to XYZ 28.3172, 24.0386, 27.1922 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, 120, 138) }
```


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

```
.border{ border-color:rgb(172, 120, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 120, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 120, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 120, 138);  
box-shadow:4px 4px 4px 4px rgb(172, 120,  
138) }
```

Background

The CSS property to change the background color of an element to XYZ 28.3172, 24.0386, 27.1922 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 120, 138) }
```

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

```
.background{ background-color: rgb(172,  
120, 138) }
```

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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