

Converting Colors

XYZ(28.3824, 22.0621, 34.2028)

Have a look what the booklet for
XYZ(28.3824, 22.0621, 34.2028)
contains.

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Color

**XYZ(28.4826, 22.1082,
34.2186)**

Conversions

Conversions Part 1

Format	Color
Hex	AC6D9C
RGB	172, 109, 156
RGB Percent	67%, 43%, 61%
CMY	0.3255, 0.5725, 0.3882
CMYK	0.00, 0.37, 0.09, 0.33
HSL	315°, 28%, 55%
HSV	315°, 37%, 67%
XYZ	28.4826, 22.1082, 34.2186
YIQ	133.1950, 22.4610, 27.9730

Conversions

Conversions Part 2

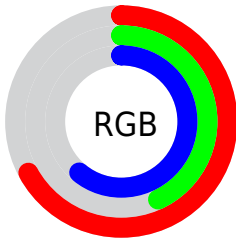
Format	Color
R _Y B	172, 109, 156
Decimal	11300252
CIE _{Lab}	54.14, 32.26, -15.04
CIE _{LCh}	54, 35.594, 335.000
Y _{xy}	22.1082, 0.3358, 0.2607
Android (android.graphics.Color)	4289490332 (0xFFAC6D9C)
YUV	133.1950, 11.2429, 34.0320
Hunter-Lab	47.0194, 25.8449, -10.2351

Details

The XYZ color **28.4826, 22.1082, 34.2186** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **24.7618, 34.2375, 24.7068**, and the grayscale version is **22.3205, 23.4829, 25.5729**.

A 20% lighter version of the original color is **56.6731, 47.0378, 67.7202**, and **11.6369, 8.1032, 14.3153** is the 20% darker color. If you saturate the color by 10%, you get **26.4610, 18.6461, 31.7525**, and if you desaturate by 10%, it is **30.8779, 26.2957, 36.8754**.

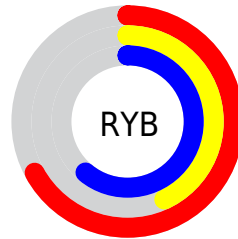
Distribution



Red (67%)

Green (43%)

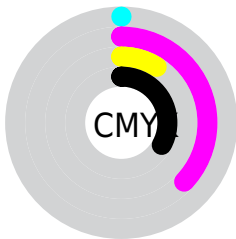
Blue (61%)



Red (67%)

Yellow (43%)

Blue (61%)

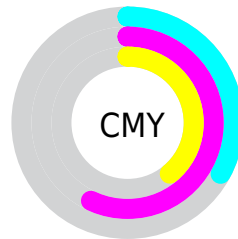


Cyan (0%)

Magenta (37%)

Yellow (9%)

Black (33%)



Cyan (33%)


Magenta (57%)


Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 28.4826, 22.1082, 34.2186 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 28.4826, 22.1082, 34.2186 by changing the saturation by 10% instead.


 28.4826, 22.1082,
34.2186


 28.4826, 22.1082,
34.2186


286.8043,
263.1108, 335.9045


 18.8321, 13.9364,
22.7829

 56.6573, 46.9248,
67.4112


 11.6523, 8.0765,
14.2295


 75.9122, 64.3383,
90.0052

 6.5779, 4.1439,
8.1399


 99.0992, 85.6013,
117.1557

 3.2435, 1.7544,
4.0955

 126.5838,
111.0981, 149.2812

 1.2838, 0.4585,
1.6779

158.7312,
141.2130, 186.8003

 0.1711, 0.0000,
0.3455

195.9068,

 0.0000, 0.0000,

176.3305, 230.1316

0.0000

238.4761,
216.8350, 279.6935

■ 28.4826, 22.1082,
34.2186

■ 28.4826, 22.1082,
34.2186

■ 26.4610, 18.6461,
31.7525

■ 30.8779, 26.2957,
36.8754

■ 24.7899, 15.8642,
29.4679

■ 33.6643, 31.2443,
39.7287

■ 23.4466, 13.7171,
27.3569


■ 36.8606, 36.9909,
42.7856


■ 22.4048, 12.1524,
25.4099


■ 40.4837, 43.5693,
46.0524


■ 21.6340, 11.1093,
23.6162

■ 44.5496, 51.0110,
49.5351


 21.0915, 10.5028,
21.9607

 49.0734, 59.3462,
53.2393

 20.9305, 10.3376,
21.4234

 54.0695, 68.6034,
57.1704

 59.5517, 78.8100,
61.3338

 62.6596, 84.2452,
64.7764

Harmonies

Analogous

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



25.5639, 22.1082, 46.0182



28.4826, 22.1082, 34.2186



29.3075, 22.1082, 22.2669

Triad

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



28.4826, 22.1082, 34.2186



20.3730, 22.1082, 8.4996



15.5012, 22.1082, 38.4371

Complementary

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



28.4826, 22.1082, 34.2186



24.7618, 34.2375, 24.7068

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.



14.4530, 22.1082, 25.9723



28.4826, 22.1082, 34.2186



17.0374, 22.1082, 10.5214

Square

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



28.4826, 22.1082, 34.2186



24.3084, 22.1082, 9.4902



14.9791, 22.1082, 16.1603



18.0301, 22.1082, 48.9308

Rectangle

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



28.4826, 22.1082, 34.2186



28.4827, 22.1082, 16.1605



14.9791, 22.1082, 16.1603



14.9791, 22.1082, 34.2182

Sweetspot

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



28.4833, 22.1092, 34.2191



64.1252, 62.1572, 75.0372



21.3370, 18.2582, 41.4296



13.7724, 13.2145, 16.1508



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.



28.4833, 22.1092, 34.2191



48.6289, 34.8857, 58.4002



26.1684, 21.1833, 22.0290



8.2489, 8.1128, 9.6213



15.5986, 7.7020, 16.0634



0.4543, 0.2224, 0.5543

Inverse Universe

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



28.4833, 22.1092, 34.2191



48.6289, 34.8857, 58.4002



27.0819, 35.1656, 36.9245



8.2489, 8.1128, 9.6213



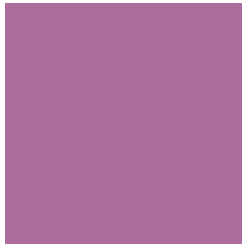
15.5986, 7.7020, 16.0634



0.4543, 0.2224, 0.5543

Previews

White Background



This preview shows how the XYZ color 28.4826, 22.1082, 34.2186 looks on a white background.

Color Contrast Check

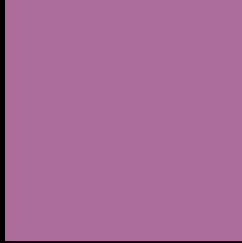
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.4826, 22.1082, 34.2186 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 28.4826, 22.1082, 34.2186

Background



This preview shows how black text looks on a background with the XYZ color 28.4826, 22.1082, 34.2186.



This preview shows how white text looks on a background with the XYZ color 28.4826, 22.1082,

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

28.4826, 22.1082, 34.2186

Protanopia

22.5826, 22.2626, 41.1371

Deuteranopia

22.6992, 22.3039, 33.2457



Tritanopia

25.9173, 22.0415, 21.9572

Trichromacy



Original Color

28.4826, 22.1082, 34.2186

Protanomaly

24.1101, 21.7946, 38.5334

Deuteranomaly

24.4033, 21.8770, 33.5083

Tritanomaly

26.7112, 22.0228, 26.1355

Monochromacy



Original Color

28.4826, 22.1082, 34.2186

Achromatopsia

22.2940, 23.4551, 25.5426

Achromatomaly

24.0480, 22.5414, 28.2828

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.4826, 22.1082, 34.2186 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, 109, 156)` looks like.

```
.text, #text, p{  
    color:rgb(172, 109, 156)  
}
```

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, 109, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 109, 156) }
```

Border

The CSS property to change the border of an element to XYZ 28.4826, 22.1082, 34.2186 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, 109, 156) }
```


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

```
.border{ border-color:rgb(172, 109, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 109, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 109, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 109, 156);  
box-shadow:4px 4px 4px 4px rgb(172, 109,  
156) }
```

Background

The CSS property to change the background color of an element to XYZ 28.4826, 22.1082, 34.2186 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 109, 156) }
```

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

```
.background{ background-color: rgb(172,  
109, 156) }
```

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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