

Converting Colors

XYZ(24.5222, 16.8978, 22.3912)

Have a look what the booklet for
XYZ(24.5222, 16.8978, 22.3912)
contains.

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Color

**XYZ(24.5222, 16.8978,
22.3912)**

Conversions

Conversions Part 1

Format	Color
Hex	AE5480
RGB	174, 84, 128
RGB Percent	68%, 33%, 50%
CMY	0.3176, 0.6706, 0.4980
CMYK	0.00, 0.52, 0.26, 0.32
HSL	331°, 36%, 51%
HSV	331°, 52%, 68%
XYZ	24.5222, 16.8978, 22.3912
YIQ	115.9260, 39.5160, 32.7640

Conversions

Conversions Part 2

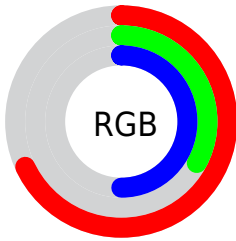
Format	Color
R_{YB}	174, 84, 128
Decimal	11424896
CIE Lab	48.13, 41.88, -7.48
CIE LCh	48, 42.541, 349.873
Yxy	16.8978, 0.3843, 0.2648
Android (android.graphics.Color)	4289614976 (0xFFAE5480)
YUV	115.9260, 5.9525, 50.9309
Hunter-Lab	41.1069, 34.5464, -3.5208

Details

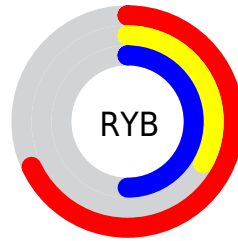
The XYZ color **24.5222, 16.8978, 22.3912** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **22.8223, 33.7692, 26.4360**, and the grayscale version is **16.5522, 17.4142, 18.9640**.

A 20% lighter version of the original color is **50.4234, 38.1003, 48.4126**, and **9.5355, 5.5195, 7.9599** is the 20% darker color. If you saturate the color by 10%, you get **22.7756, 14.3007, 19.0463**, and if you desaturate by 10%, it is **26.6565, 20.1880, 26.1189**.

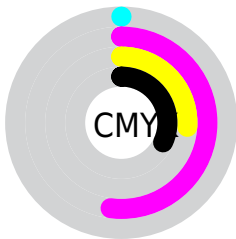
Distribution



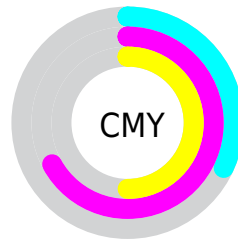
- Red (68%)
- Green (33%)
- Blue (50%)



- Red (68%)
- Yellow (33%)
- Blue (50%)



- Cyan (0%)
- Magenta (52%)
- Yellow (26%)
- Black (32%)



- Cyan (32%)
- Magenta (67%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.5222, 16.8978, 22.3912 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 24.5222, 16.8978, 22.3912 by changing the saturation by 10% instead.

■ 24.5222, 16.8978,
22.3912

■ 24.5222, 16.8978,
22.3912

267.8418,
234.5827, 277.6023

■ 15.8483, 10.1617,
13.9436

■ 50.3295, 38.1500,
48.3022

■ 9.5070, 5.5063,
7.9431

■ 68.1936, 53.4348,
66.6026

■ 5.1331, 2.5473,
3.9713

■ 89.8518, 72.3380,
89.0244

■ 2.3611, 0.9002,
1.6096

■ 115.6695, 95.2439,
115.9860

■ 0.8257, 0.0000,
0.2977

■ 146.0119,
122.5369, 147.9061

■ 0.0000, 0.0000,
0.0000

181.2446,

154.6015, 185.2032

221.7327,
191.8219, 228.2957

■ 24.5222, 16.8978,
22.3912

■ 24.5222, 16.8978,
22.3912

■ 22.7756, 14.3007,
19.0463

■ 26.6565, 20.1880,
26.1189

■ 21.3887, 12.3429,
16.0678

■ 29.2011, 24.2147,
30.2426

■ 20.3316, 10.9671,
13.4393

■ 32.1784, 29.0207,
34.7760

■ 19.5686, 10.1040,
11.1419

■ 35.6088, 34.6448,
39.7317

■ 19.0979, 9.6556,
9.4646

■ 39.5111, 41.1231,
45.1216

■ 43.9034, 48.4896,
50.9572

■ 48.8025, 56.7765,
57.2494

■ 54.2245, 66.0143,
64.0088

■ 60.1849, 76.2321,
71.2454

Harmonies

Analogous

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



22.4239, 16.8978, 35.7596



24.5222, 16.8978, 22.3912



24.0924, 16.8978, 12.0828

Triad

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



24.5222, 16.8978, 22.3912



13.6698, 16.8978, 4.7819



11.7402, 16.8978, 39.8818

Complementary

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



24.5222, 16.8978, 22.3912



22.8223, 33.7692, 26.4360

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.



10.0479, 16.8978, 26.6031



24.5222, 16.8978, 22.3912



11.0321, 16.8978, 7.8255

Square

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



24.5222, 16.8978, 22.3912



17.4003, 16.8978, 4.4116



9.8113, 16.8978, 14.9117



14.7920, 16.8978, 48.2220

Rectangle

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



24.5222, 16.8978, 22.3912



22.4504, 16.8978, 7.8664



9.8113, 16.8978, 14.9117



11.0157, 16.8978, 35.6473

Sweetspot

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



24.5227, 16.8986, 22.3915



61.6479, 57.9999, 67.8721



19.8644, 14.0647, 41.7125



13.4259, 12.4389, 14.6853



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



24.5227, 16.8986, 22.3915



40.9287, 25.3844, 33.7655



22.2268, 15.9803, 10.3015



8.1623, 8.0782, 9.1654



13.8816, 7.0152, 7.0217



0.4139, 0.2062, 0.3413

Inverse Universe

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



24.5227, 16.8986, 22.3915



40.9287, 25.3844, 33.7655



26.4328, 35.2134, 45.4484



8.1623, 8.0782, 9.1654



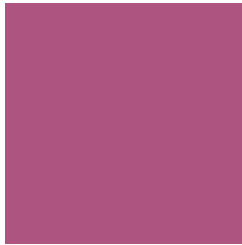
13.8816, 7.0152, 7.0217



0.4139, 0.2062, 0.3413

Previews

White Background



This preview shows how the XYZ color 24.5222, 16.8978, 22.3912 looks on a white background.

Color Contrast Check

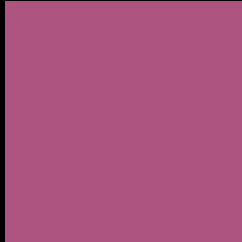
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 24.5222, 16.8978, 22.3912 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

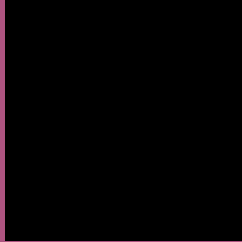
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 24.5222, 16.8978, 22.3912

Background



This preview shows how black text looks on a background with the XYZ color 24.5222, 16.8978, 22.3912.



This preview shows how white text looks on a background with the XYZ color 24.5222, 16.8978,

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

24.5222, 16.8978, 22.3912

Protanopia

17.3065, 17.2369, 30.4319

Deuteranopia

17.3954, 17.1560, 21.1335



Tritanopia

22.6084, 16.8333, 13.3668

Trichromacy



Original Color

24.5222, 16.8978, 22.3912

Protanomaly

19.0180, 16.4489, 27.3719

Deuteranomaly

19.4375, 16.6461, 21.5906

Tritanomaly

23.2098, 16.8328, 16.2131

Monochromacy



Original Color

24.5222, 16.8978, 22.3912

Achromatopsia

16.6002, 17.4647, 19.0191

Achromatomaly

18.6570, 16.5751, 19.9853

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.5222, 16.8978, 22.3912 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(174, 84, 128)` looks like.

```
.text, #text, p{  
    color:rgb(174, 84, 128)  
}
```

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(174, 84, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 84, 128) }
```

Border

The CSS property to change the border of an element to XYZ 24.5222, 16.8978, 22.3912 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(174, 84, 128) }
```


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

```
.border{ border-color:rgb(174, 84, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 84, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 84, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 84, 128);  
box-shadow:4px 4px 4px 4px rgb(174, 84,  
128) }
```

Background

The CSS property to change the background color of an element to XYZ 24.5222, 16.8978, 22.3912 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 84, 128) }
```

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

```
.background{ background-color: rgb(174, 84,  
128) }
```

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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