

Converting Colors

XYZ(28.5509, 24.2124, 48.5397)

Have a look what the booklet for
XYZ(28.5509, 24.2124, 48.5397)
contains.

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Color

**XYZ(28.4972, 24.2059,
48.5176)**

Conversions

Conversions Part 1

Format	Color
Hex	977BB8
RGB	151, 123, 184
RGB Percent	59%, 48%, 72%
CMY	0.4078, 0.5176, 0.2784
CMYK	0.18, 0.33, 0.00, 0.28
HSL	268°, 30%, 60%
HSV	268°, 33%, 72%
XYZ	28.4972, 24.2059, 48.5176
YIQ	138.3260, -2.8930, 24.9070

Conversions

Conversions Part 2

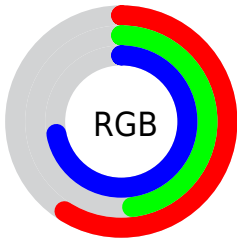
Format	Color
R_{YB}	151, 123, 184
Decimal	9927608
CIE _{Lab}	56.29, 23.04, -28.12
CIE _{LCh}	56, 36.351, 309.334
Yxy	24.2059, 0.2815, 0.2391
Android (android.graphics.Color)	4288117688 (0xFF977BB8)
YUV	138.3260, 22.5173, 11.1151
Hunter-Lab	49.1995, 17.2912, -24.0286

Details

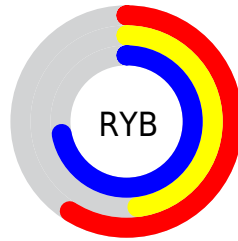
The XYZ color **28.4972, 24.2059, 48.5176** is a light color, and the websafe version is hex **996699**. A complement of this color would be **34.4266, 42.7795, 25.1827**, and the grayscale version is **24.2001, 25.4604, 27.7263**.

A 20% lighter version of the original color is **56.7071, 50.4638, 89.1898**, and **11.6911, 9.1889, 22.6302** is the 20% darker color. If you saturate the color by 10%, you get **24.6557, 19.1501, 47.7446**, and if you desaturate by 10%, it is **32.9253, 30.2021, 49.4420**.

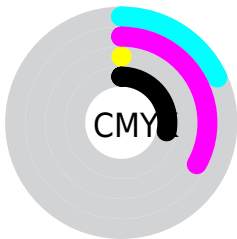
Distribution



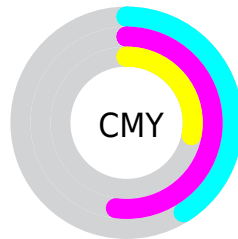
- Red (59%)
- Green (48%)
- Blue (72%)



- Red (59%)
- Yellow (48%)
- Blue (72%)



- Cyan (18%)
- Magenta (33%)
- Yellow (0%)
- Black (28%)



- Cyan (41%)
- Magenta (52%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.4972, 24.2059, 48.5176 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 28.4972, 24.2059, 48.5176 by changing the saturation by 10% instead.

■ 28.4972, 24.2059,
48.5176

■ 28.4972, 24.2059,
48.5176

286.8723,
273.8598, 397.4079

■ 18.8432, 15.4864,
33.8741

■ 56.6804, 50.3660,
89.3481

■ 11.6603, 9.1615,
22.5203

■ 75.9402, 68.5754,
116.3722

■ 6.5834, 4.8467,
14.0377

■ 99.1327, 90.7169,
148.3602

■ 3.2469, 2.1576,
8.0079

126.6232,
117.1749, 185.7306

■ 1.2857, 0.6967,
4.0121

158.7771,
148.3338, 228.9021

■ 0.1724, 0.0000,
1.6320

195.9596,

■ 0.0000, 0.0000,

184.5780, 278.2931

0.3135

238.5363,
226.2919, 334.3221

■ 0.0000, 0.0000,
0.0000

■ 28.4972, 24.2059,
48.5176

■ 28.4972, 24.2059,
48.5176

■ 24.6557, 19.1501,
47.7446

■ 32.9253, 30.2021,
49.4420

■ 21.3704, 14.9815,
47.1131

■ 37.9635, 37.1820,
50.5237

■ 18.6118, 11.6462,
46.6147


■ 43.6369, 45.1898,
51.7703


■ 16.3460, 9.0828,
46.2394

■ 49.9683, 54.2661,
53.1886


■ 14.5347, 7.2209,
45.9755


■ 56.9794, 64.4493,
54.7846


 13.1325, 5.9768,
45.8092

 64.6907, 75.7757,
56.5644

 12.3493, 5.3668,
45.7328

 73.1221, 88.2802,
58.5336

 77.2490, 91.9089,
59.0165

 80.5472, 93.6092,
59.1708

Harmonies

Analogous

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



24.3378, 24.2059, 56.2868



28.4972, 24.2059, 48.5176



31.3929, 24.2059, 35.3605

Triad

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



28.4972, 24.2059, 48.5176



25.9672, 24.2059, 10.1323



15.9413, 24.2059, 30.2759

Complementary

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



28.4972, 24.2059, 48.5176



34.4266, 42.7795, 25.1827

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.



16.2657, 24.2059, 19.0269



28.4972, 24.2059, 48.5176



21.7256, 24.2059, 9.5219

Square

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



28.4972, 24.2059, 48.5176



29.8135, 24.2059, 14.2753



18.2715, 24.2059, 12.2411



17.3243, 24.2059, 43.8407

Rectangle

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



28.4972, 24.2059, 48.5176



32.0339, 24.2059, 26.6249



18.2715, 24.2059, 12.2411



15.8584, 24.2059, 26.0891

Sweetspot

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



28.4980, 24.2069, 48.5181



71.7647, 71.5344, 92.2297



28.8019, 31.6344, 49.9358



15.1714, 15.0005, 19.8174



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



28.4980, 24.2069, 48.5181



46.3270, 36.8354, 86.8728



34.7796, 27.4452, 48.8121



8.9023, 8.9160, 11.3312



8.5907, 3.7399, 31.5222



0.3744, 0.1687, 1.1146

Inverse Universe

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



32.8515, 26.7574, 34.8864



55.7079, 42.3362, 57.2748



29.3279, 40.1510, 24.9441



9.2023, 9.0913, 10.4127



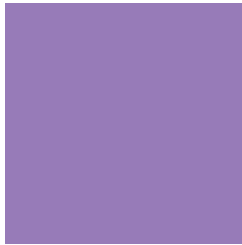
15.2295, 7.6655, 9.0952



0.5677, 0.2826, 0.4831

Previews

White Background



This preview shows how the XYZ color 28.4972, 24.2059, 48.5176 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 28.4972, 24.2059, 48.5176 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

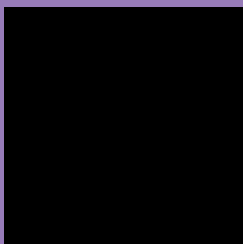
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 28.4972, 24.2059, 48.5176

Background



This preview shows how black text looks on a background with the XYZ color 28.4972, 24.2059, 48.5176.



This preview shows how white text looks on a background with the XYZ color 28.4972, 24.2059,

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

28.4972, 24.2059, 48.5176

Protanopia

25.2381, 24.3627, 53.2415

Deuteranopia

24.8571, 24.2900, 47.6343



Tritanopia

24.5004, 24.1149, 28.9545

Trichromacy



Original Color

28.4972, 24.2059, 48.5176

Protanomaly

26.0888, 24.0418, 51.4096

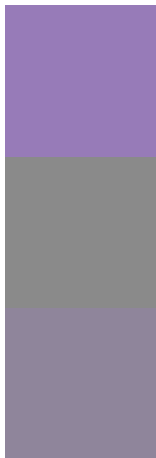
Deuteranomaly

26.0704, 24.1060, 48.0786

Tritanomaly

25.8376, 24.0757, 35.1836

Monochromacy



Original Color

28.4972, 24.2059, 48.5176

Achromatopsia

24.1572, 25.4152, 27.6772

Achromatomaly

25.6316, 24.9813, 34.4813

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.4972, 24.2059, 48.5176 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(151, 123, 184)` looks like.

```
.text, #text, p{  
    color:rgb(151, 123, 184)  
}
```

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(151, 123, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 123, 184) }
```

Border

The CSS property to change the border of an element to XYZ 28.4972, 24.2059, 48.5176 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(151, 123, 184) }
```


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

```
.border{ border-color:rgb(151, 123, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 123, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 123, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 123, 184);  
box-shadow:4px 4px 4px 4px rgb(151, 123,  
184) }
```

Background

The CSS property to change the background color of an element to XYZ 28.4972, 24.2059, 48.5176 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 123, 184) }
```

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

```
.background{ background-color: rgb(151,  
123, 184) }
```

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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