

Converting Colors

XYZ(28.3870, 25.0872, 42.8817)

Have a look what the booklet for
XYZ(28.3870, 25.0872, 42.8817)
contains.

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Color

**XYZ(28.2691, 24.9682,
42.8646)**

Conversions

Conversions Part 1

Format	Color
Hex	997FAD
RGB	153, 127, 173
RGB Percent	60%, 50%, 68%
CMY	0.4000, 0.5019, 0.3216
CMYK	0.12, 0.27, 0.00, 0.32
HSL	274°, 22%, 59%
HSV	274°, 27%, 68%
XYZ	28.2691, 24.9682, 42.8646
YIQ	140.0180, 0.7300, 19.8180

Conversions

Conversions Part 2

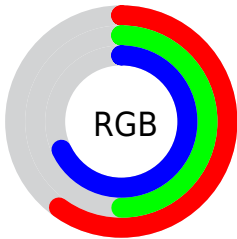
Format	Color
R _{YB}	153, 127, 173
Decimal	10059693
CIE _{Lab}	57.04, 18.91, -20.64
CIE _{LCh}	57, 27.993, 312.490
Yxy	24.9682, 0.2942, 0.2598
Android (android.graphics.Color)	4288249773 (0xFF997FAD)
YUV	140.0180, 16.2601, 11.3852
Hunter-Lab	49.9682, 13.5406, -15.8835

Details

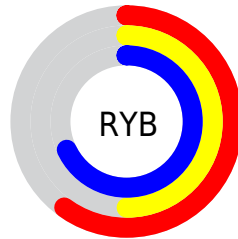
The XYZ color **28.2691, 24.9682, 42.8646** is a dark color, and the websafe version is hex **9999CC**. A complement of this color would be **30.8078, 37.6231, 25.7181**, and the grayscale version is **24.8736, 26.1690, 28.4980**.

A 20% lighter version of the original color is **56.4765, 51.7096, 81.1330**, and **11.5424, 9.5960, 19.3330** is the 20% darker color. If you saturate the color by 10%, you get **24.8487, 20.1685, 42.1188**, and if you desaturate by 10%, it is **32.1643, 30.5834, 43.7435**.

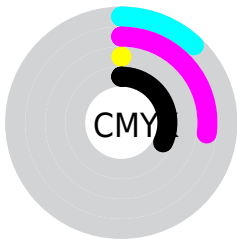
Distribution



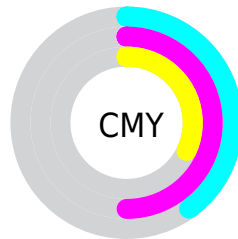
- Red (60%)
- Green (50%)
- Blue (68%)



- Red (60%)
- Yellow (50%)
- Blue (68%)



- Cyan (12%)
- Magenta (27%)
- Yellow (0%)
- Black (32%)



- Cyan (40%)
- Magenta (50%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.2691, 24.9682, 42.8646 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 28.2691, 24.9682, 42.8646 by changing the saturation by 10% instead.

■ 28.2691, 24.9682,
42.8646

■ 28.2691, 24.9682,
42.8646

285.8074,
277.6795, 373.9595

■ 18.6701, 16.0534,
29.4483

■ 56.3194, 51.6056,
80.7907

■ 11.5347, 9.5619,
19.1717

■ 75.5015, 70.0970,
106.1375

■ 6.4976, 5.1095,
11.6163

■ 98.6086, 92.5494,
136.2982

■ 3.1935, 2.3116,
6.3637

126.0061,
119.3471, 171.6914

■ 1.2569, 0.7799,
2.9951

158.0594,
150.8746, 212.7356

■ 0.1506, 0.0000,
1.0921

195.1338,

■ 0.0000, 0.0000,

187.5162, 259.8493

0.0000

237.5946,
229.6564, 313.4511

■ 28.2691, 24.9682,
42.8646

■ 28.2691, 24.9682,
42.8646

■ 24.8487, 20.1685,
42.1188

■ 32.1643, 30.5834,
43.7435

■ 21.8793, 16.1412,
41.4980

■ 36.5516, 37.0482,
44.7601

■ 19.3389, 12.8437,
40.9954

■ 41.4505, 44.3985,
45.9207

■ 17.2022, 10.2281,
40.6032

■ 46.8785, 52.6672,
47.2306

■ 15.4407, 8.2404,
40.3123

■ 52.8523, 61.8855,
48.6951

■ 14.0219, 6.8181,
40.1126

■ 59.3877, 72.0831,
50.3190

■ 12.9011, 5.8745,
39.9895

■ 66.5002, 83.2884,
52.1069

■ 12.5564, 5.6017,
39.9550

■ 70.7948, 88.7097,
52.9270

■ 73.0300, 89.8620,
53.0316

Harmonies

Analogous

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



25.1270, 24.9682, 49.0044



28.2691, 24.9682, 42.8646



30.2945, 24.9682, 33.0132

Triad

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



28.2691, 24.9682, 42.8646



25.6874, 24.9682, 13.3034



18.0724, 24.9682, 31.2984

Complementary

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



28.2691, 24.9682, 42.8646



30.8078, 37.6231, 25.7181

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.



18.1923, 24.9682, 22.0885



28.2691, 24.9682, 42.8646



22.3887, 24.9682, 13.0499

Square

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



28.2691, 24.9682, 42.8646



28.7119, 24.9682, 16.6874



19.7075, 24.9682, 15.8897



19.3632, 24.9682, 41.3618

Rectangle

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



28.2691, 24.9682, 42.8646



30.6338, 24.9682, 26.4060



19.7075, 24.9682, 15.8897



17.9527, 24.9682, 27.9815

Sweetspot

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



28.2699, 24.9692, 42.8652



64.1831, 64.4519, 79.8634



26.8391, 28.6160, 43.6445



13.6897, 13.6236, 17.2958



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.



28.2699, 24.9692, 42.8652



46.8713, 39.4136, 75.9430



32.1458, 26.9928, 41.8947



7.9957, 7.9721, 10.0700



9.2909, 4.1495, 29.3558



0.3197, 0.1470, 0.8195

Inverse Universe

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



30.0902, 26.1706, 31.0703



50.8213, 42.0133, 50.6757



27.6793, 35.9928, 26.3632



8.1444, 8.0710, 9.0713



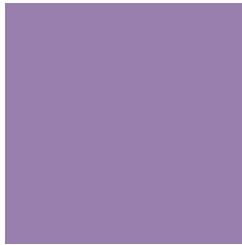
13.6268, 6.9133, 5.6803



0.4069, 0.2034, 0.3044

Previews

White Background



This preview shows how the XYZ color 28.2691, 24.9682, 42.8646 looks on a white background.

Color Contrast Check

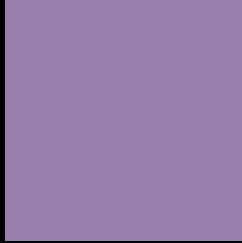
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.2691, 24.9682, 42.8646 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

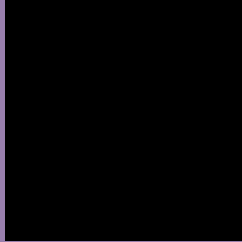
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 28.2691, 24.9682, 42.8646

Background



This preview shows how black text looks on a background with the XYZ color 28.2691, 24.9682, 42.8646.



This preview shows how white text looks on a background with the XYZ color 28.2691, 24.9682,

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

28.2691, 24.9682, 42.8646

Protanopia

25.2581, 24.9426, 46.1310

Deuteranopia

25.6444, 25.0153, 42.5066



Tritanopia

25.5582, 25.0541, 29.4755

Trichromacy



Original Color

28.2691, 24.9682, 42.8646

Protanomaly

26.1787, 24.8277, 45.0074

Deuteranomaly

26.3779, 24.7866, 42.4238

Tritanomaly

26.5267, 25.0497, 34.0088

Monochromacy



Original Color

28.2691, 24.9682, 42.8646

Achromatopsia

24.9269, 26.2251, 28.5591

Achromatomaly

26.0085, 25.6147, 33.2791

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.2691, 24.9682, 42.8646 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(153, 127, 173)` looks like.

```
.text, #text, p{  
    color:rgb(153, 127, 173)  
}
```

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(153, 127, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 127, 173) }
```

Border

The CSS property to change the border of an element to XYZ 28.2691, 24.9682, 42.8646 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(153, 127, 173) }
```


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

```
.border{ border-color:rgb(153, 127, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 127, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 127, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 127, 173);  
box-shadow:4px 4px 4px 4px rgb(153, 127,  
173) }
```

Background

The CSS property to change the background color of an element to XYZ 28.2691, 24.9682, 42.8646 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 127, 173) }
```

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

```
.background{ background-color: rgb(153,  
127, 173) }
```

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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