

Converting Colors

XYZ(29.4114, 24.5061, 47.9797)

Have a look what the booklet for
XYZ(29.4114, 24.5061, 47.9797)
contains.

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Color

**XYZ(29.4114, 24.5061,
47.9797)**

Conversions

Conversions Part 1

Format	Color
Hex	9D7AB7
RGB	157, 122, 183
RGB Percent	62%, 48%, 72%
CMY	0.3843, 0.5216, 0.2824
CMYK	0.14, 0.33, 0.00, 0.28
HSL	274°, 30%, 60%
HSV	274°, 33%, 72%
XYZ	29.4114, 24.5061, 47.9797
YIQ	139.4190, 1.2790, 26.3910

Conversions

Conversions Part 2

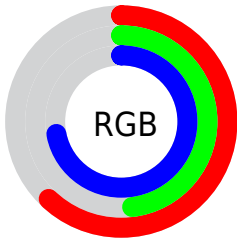
Format	Color
RYB	157, 122, 183
Decimal	10320567
CIELab	56.59, 25.30, -27.04
CIELCh	57, 37.027, 313.099
Yxy	24.5061, 0.2886, 0.2405
Android (android.graphics.Color)	4288510647 (0xFF9D7AB7)
YUV	139.4190, 21.4854, 15.4185
Hunter-Lab	49.5036, 19.4201, -22.8123

Details

The XYZ color **29.4114, 24.5061, 47.9797** is a light color, and the websafe version is hex **996699**. A complement of this color would be **32.6599, 41.5686, 24.7157**, and the grayscale version is **24.6222, 25.9045, 28.2100**.

A 20% lighter version of the original color is **58.0613, 50.8890, 88.4237**, and **12.2375, 9.3801, 22.2846** is the 20% darker color. If you saturate the color by 10%, you get **25.8991, 19.6685, 47.2315**, and if you desaturate by 10%, it is **33.4457, 30.2420, 48.8746**.

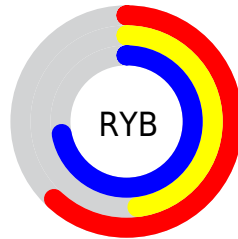
Distribution



Red (62%)

Green (48%)

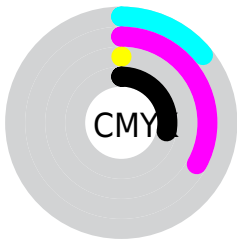
Blue (72%)



Red (62%)

Yellow (48%)

Blue (72%)

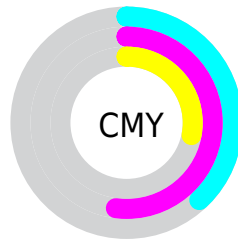


Cyan (14%)

Magenta (33%)

Yellow (0%)

Black (28%)



Cyan (38%)

Magenta (52%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.4114, 24.5061, 47.9797 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 29.4114, 24.5061, 47.9797 by changing the saturation by 10% instead.

■ 29.4114, 24.5061,
47.9797

■ 29.4114, 24.5061,
47.9797

291.1104,
275.3693, 395.2180

■ 19.5381, 15.7095,
33.4509

■ 58.1231, 50.8548,
88.5394

■ 12.1660, 9.3188,
22.1982

■ 77.6923, 69.1757,
115.4074

■ 6.9299, 4.9497,
13.8029

■ 101.2241, 91.4402,
147.2256

■ 3.4642, 2.2178,
7.8465

129.0839,
118.0325, 184.4125

■ 1.4037, 0.7297,
3.9105

161.6371,
149.3372, 227.3867

■ 0.2589, 0.0000,
1.5764

199.2490,

■ 0.0000, 0.0000,

185.7387, 276.5666

0.2739

242.2850,
227.6212, 332.3709

■ 0.0000, 0.0000,
0.0000

■ 29.4114, 24.5061,
47.9797

■ 29.4114, 24.5061,
47.9797

■ 25.8991, 19.6685,
47.2315

■ 33.4457, 30.2420,
48.8746

■ 22.8806, 15.6776,
46.6202

■ 38.0230, 36.9180,
49.9219

■ 20.3287, 12.4812,
46.1378


■ 43.1665, 44.5768,
51.1291


■ 18.2123, 10.0197,
45.7742

■ 48.8970, 53.2576,
52.5027


■ 16.4958, 8.2248,
45.5182


■ 55.2340, 62.9973,
54.0487


 15.1367, 7.0147,
45.3563

 62.1964, 73.8312,
55.7728

 14.3730, 6.4222,
45.2822

 69.8021, 85.7928,
57.6808

 73.6420, 90.0615,
58.3024

 76.0498, 91.3028,
58.4150

Harmonies

Analogous

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



25.2170, 24.5061, 57.0339



29.4114, 24.5061, 47.9797



32.1339, 24.5061, 34.1772

Triad

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



29.4114, 24.5061, 47.9797



25.7800, 24.5061, 9.8326



16.1310, 24.5061, 32.4179

Complementary

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



29.4114, 24.5061, 47.9797



32.6599, 41.5686, 24.7157

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.



16.2424, 24.5061, 20.3732



29.4114, 24.5061, 47.9797



21.4681, 24.5061, 9.6250

Square

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



29.4114, 24.5061, 47.9797



29.8670, 24.5061, 13.5524



18.0869, 24.5061, 12.8572



17.7611, 24.5061, 46.3552

Rectangle

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



29.4114, 24.5061, 47.9797



32.5635, 24.5061, 25.4232



18.0869, 24.5061, 12.8572



15.9725, 24.5061, 27.9837

Sweetspot

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



29.4122, 24.5071, 47.9802



70.9036, 70.2685, 90.0619



27.2322, 28.8735, 48.9379



15.3835, 15.1098, 19.8273



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.



29.4122, 24.5071, 47.9802



47.9762, 37.3878, 84.9237



34.6186, 27.2393, 46.0460



9.0011, 8.9669, 11.3358



10.1065, 4.5213, 31.5931



0.4255, 0.1951, 1.1170

Inverse Universe

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



31.8341, 26.1255, 31.3829



53.2097, 40.8701, 49.7327



28.7306, 39.5132, 25.8749



9.1592, 9.0741, 10.1858



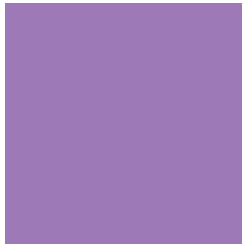
14.6156, 7.4200, 5.8627



0.5463, 0.2740, 0.3705

Previews

White Background



This preview shows how the XYZ color 29.4114, 24.5061, 47.9797 looks on a white background.

Color Contrast Check

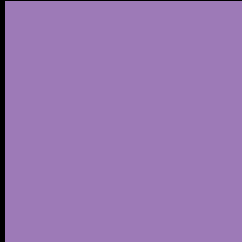
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.4114, 24.5061, 47.9797 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

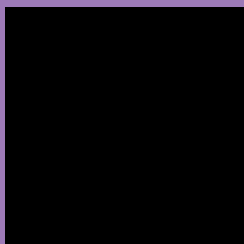
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 29.4114, 24.5061, 47.9797

Background



This preview shows how black text looks on a background with the XYZ color 29.4114, 24.5061, 47.9797.



This preview shows how white text looks on a background with the XYZ color 29.4114, 24.5061,

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

29.4114, 24.5061, 47.9797

Protanopia

25.5107, 24.7075, 53.2936

Deuteranopia

25.1778, 24.6715, 47.1511



Tritanopia

25.3680, 24.3724, 28.5666

Trichromacy



Original Color

29.4114, 24.5061, 47.9797

Protanomaly

26.6837, 24.5449, 51.4754

Deuteranomaly

26.5795, 24.5769, 47.5989

Tritanomaly

26.7270, 24.3513, 34.7441

Monochromacy



Original Color

29.4114, 24.5061, 47.9797

Achromatopsia

24.5403, 25.8183, 28.1161

Achromatomaly

26.1580, 25.2526, 34.5059

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.4114, 24.5061, 47.9797 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(157, 122, 183)` looks like.

```
.text, #text, p{  
    color:rgb(157, 122, 183)  
}
```

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(157, 122, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 122, 183) }
```

Border

The CSS property to change the border of an element to XYZ 29.4114, 24.5061, 47.9797 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(157, 122, 183) }
```


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

```
.border{ border-color:rgb(157, 122, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 122, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(157, 122, 183); -webkit-box-shadow:4px 4px 4px 4px rgb(157, 122, 183); box-shadow:4px 4px 4px 4px rgb(157, 122, 183) }
```

Background

The CSS property to change the background color of an element to XYZ 29.4114, 24.5061, 47.9797 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 122, 183) }
```

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

```
.background{ background-color: rgb(157,  
122, 183) }
```

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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