

Converting Colors

XYZ(29.8419, 24.3818, 39.2097)

Have a look what the booklet for
XYZ(29.8419, 24.3818, 39.2097)
contains.

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Color

**XYZ(29.8419, 24.3818,
39.2097)**

Conversions

Conversions Part 1

Format	Color
Hex	A977A6
RGB	169, 119, 166
RGB Percent	66%, 47%, 65%
CMY	0.3373, 0.5333, 0.3490
CMYK	0.00, 0.30, 0.02, 0.34
HSL	304°, 23%, 56%
HSV	304°, 30%, 66%
XYZ	29.8419, 24.3818, 39.2097
YIQ	139.3080, 14.7130, 25.2170

Conversions

Conversions Part 2

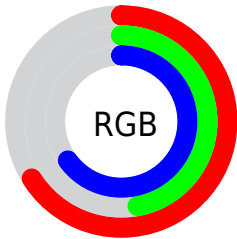
Format	Color
RYB	169, 119, 166
Decimal	11106214
CIELab	56.47, 27.47, -17.35
CIELCh	56, 32.489, 327.732
Yxy	24.3818, 0.3194, 0.2610
Android (android.graphics.Color)	4289296294 (0xFFA977A6)
YUV	139.3080, 13.1592, 26.0399
Hunter-Lab	49.3779, 21.4664, -12.5161

Details

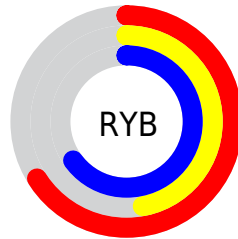
The XYZ color **29.8419, 24.3818, 39.2097** is a light color, and the websafe version is hex **996699**. A complement of this color would be **25.3095, 33.7037, 23.5852**, and the grayscale version is **24.6068, 25.8882, 28.1923**.

A 20% lighter version of the original color is **58.8550, 50.7331, 75.0971**, and **12.4299, 9.3082, 17.0611** is the 20% darker color. If you saturate the color by 10%, you get **27.9143, 20.6744, 38.1102**, and if you desaturate by 10%, it is **32.1294, 28.8069, 40.4333**.

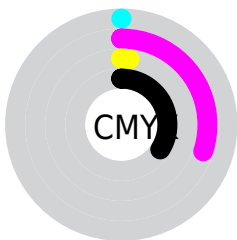
Distribution



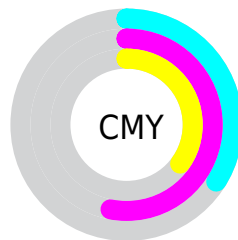
- Red (66%)
- Green (47%)
- Blue (65%)



- Red (66%)
- Yellow (47%)
- Blue (65%)



- Cyan (0%)
- Magenta (30%)
- Yellow (2%)
- Black (34%)





- Cyan (34%)
- Magenta (53%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 29.8419, 24.3818, 39.2097 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 29.8419, 24.3818, 39.2097 by changing the saturation by 10% instead.

 29.8419, 24.3818,
39.2097


 29.8419, 24.3818,
39.2097


293.0899,
274.7451, 358.2338


 19.8661, 15.6171,
26.6138


 58.8004, 50.6525,
75.1824

 12.4054, 9.2536,
17.0535


 78.5138, 68.9273,
99.3964

 7.0946, 4.9070,
10.1103


 102.2038, 91.1409,
128.3200

 3.5682, 2.1928,
5.3656

130.2357,
117.6778, 162.3720

 1.4609, 0.7161,
2.4009

162.9749,
148.9222, 201.9708

 0.2990, 0.0000,
0.7869

200.7868,

 0.0000, 0.0000,

185.2586, 247.5351

0.0000

244.0367,
227.0715, 299.4832

■ 29.8419, 24.3818,
39.2097

■ 29.8419, 24.3818,
39.2097

■ 27.9143, 20.6744,
38.1102

■ 32.1294, 28.8069,
40.4333

■ 26.3253, 17.6436,
37.1270

■ 34.7921, 33.9817,
41.7853

■ 25.0550, 15.2490,
36.2536

■ 37.8472, 39.9399,
43.2718

■ 24.0805, 13.4448,
35.4823

■ 41.3100, 46.7125,
44.8978

■ 23.3758, 12.1789,
34.8046

■ 45.1951, 54.3286,
46.6682

■ 22.9101, 11.3901,
34.2101

■ 49.5165, 62.8159,
48.5877

■ 22.6195, 10.9502,
33.6776

■ 54.2873, 72.2009,
50.6607

■ 22.6082, 10.9334,
33.6558

■ 59.5202, 82.5091,
52.8914

■ 59.8728, 83.0553,
53.4990

Harmonies

Analogous

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



26.7045, 24.3818, 49.4204



29.8419, 24.3818, 39.2097



31.1764, 24.3818, 27.3757

Triad

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



29.8419, 24.3818, 39.2097



23.4615, 24.3818, 10.7656



17.3449, 24.3818, 37.3973

Complementary

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



29.8419, 24.3818, 39.2097



25.3095, 33.7037, 23.5852

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.



16.6737, 24.3818, 25.7365



29.8419, 24.3818, 39.2097



19.9696, 24.3818, 12.1125

Square

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



29.8419, 24.3818, 39.2097



27.2530, 24.3818, 12.6047



17.5819, 24.3818, 16.9553



19.5241, 24.3818, 48.1905

Rectangle

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



29.8419, 24.3818, 39.2097



30.7665, 24.3818, 20.7267



17.5819, 24.3818, 16.9553



16.9465, 24.3818, 33.3675

Sweetspot

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



29.8427, 24.3829, 39.2102



62.5270, 61.2811, 74.9419



21.7147, 20.1606, 40.2835



13.4726, 13.0537, 16.2567



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



29.8427, 24.3829, 39.2102



50.9429, 38.8497, 68.8094



27.8049, 23.5678, 28.4793



7.8222, 7.6587, 9.3808



16.8567, 8.1514, 25.1205



0.4157, 0.2006, 0.6408

Inverse Universe

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



29.8427, 24.3829, 39.2102



50.9429, 38.8497, 68.8094



27.0239, 34.3895, 32.6129



7.8222, 7.6587, 9.3808



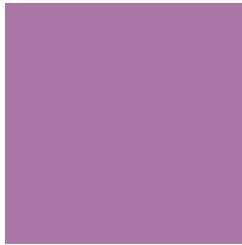
16.8567, 8.1514, 25.1205



0.4157, 0.2006, 0.6408

Previews

White Background



This preview shows how the XYZ color 29.8419, 24.3818, 39.2097 looks on a white background.

Color Contrast Check

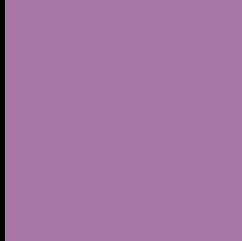
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.8419, 24.3818, 39.2097 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

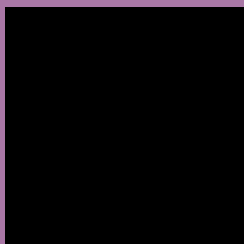
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 29.8419, 24.3818, 39.2097

Background



This preview shows how black text looks on a background with the XYZ color 29.8419, 24.3818, 39.2097.



This preview shows how white text looks on a background with the XYZ color 29.8419, 24.3818,

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

29.8419, 24.3818, 39.2097

Protanopia

24.7731, 24.5096, 45.0201

Deuteranopia

24.9901, 24.5703, 38.0758



Tritanopia

27.2238, 24.4158, 26.1995

Trichromacy



Original Color

29.8419, 24.3818, 39.2097

Protanomaly

26.2083, 24.2931, 42.8429

Deuteranomaly

26.4526, 24.3217, 38.4223

Tritanomaly

27.9972, 24.3482, 30.4182

Monochromacy



Original Color

29.8419, 24.3818, 39.2097

Achromatopsia

24.5403, 25.8183, 28.1161

Achromatomaly

26.2538, 25.1565, 31.9057

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.8419, 24.3818, 39.2097 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(169, 119, 166)` looks like.

```
.text, #text, p{  
    color:rgb(169, 119, 166)  
}
```

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(169, 119, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 119, 166) }
```

Border

The CSS property to change the border of an element to XYZ 29.8419, 24.3818, 39.2097 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(169, 119, 166) }
```


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

```
.border{ border-color:rgb(169, 119, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 119, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 119, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 119, 166);  
box-shadow:4px 4px 4px 4px rgb(169, 119,  
166) }
```

Background

The CSS property to change the background color of an element to XYZ 29.8419, 24.3818, 39.2097 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 119, 166) }
```

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

```
.background{ background-color: rgb(169,  
119, 166) }
```

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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