

Converting Colors

XYZ(29.2684, 24.2994, 29.9647)

Have a look what the booklet for
XYZ(29.2684, 24.2994, 29.9647)
contains.

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Color

**XYZ(29.1632, 24.2367,
29.9291)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | AE7791 |
| RGB | 174, 119, 145 |
| RGB Percent | 68%, 47%, 57% |
| CMY | 0.3176, 0.5333, 0.4314 |
| CMYK | 0.00, 0.32, 0.17, 0.32 |
| HSL | 332°, 25%, 57% |
| HSV | 332°, 32%, 68% |
| XYZ | 29.1632, 24.2367, 29.9291 |
| YIQ | 138.4090, 24.4340, 19.7460 |

Conversions

Conversions Part 2

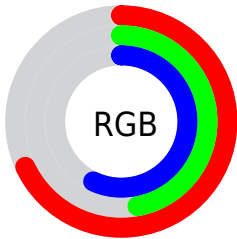
| Format | Color |
|-------------------------------------|------------------------------|
| RYB | 174, 119, 145 |
| Decimal | 11433873 |
| CIELab | 56.32, 25.50, -5.34 |
| CIELCh | 56, 26.050, 348.165 |
| Yxy | 24.2367, 0.3500, 0.2909 |
| Android (android.graphics.Color) | 4289623953 (0xFFAE7791) |
| YUV | 138.4090, 3.2494, 31.2133 |
| Hunter-Lab | 49.2308, 19.5855, -1.5829 |

Details

The XYZ color **29.1632, 24.2367, 29.9291** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **28.0901, 36.3328, 33.5512**, and the grayscale version is **24.2958, 25.5611, 27.8360**.

A 20% lighter version of the original color is **57.6945, 50.4516, 60.7301**, and **12.0014, 9.1996, 11.9696** is the 20% darker color. If you saturate the color by 10%, you get **26.5998, 20.1965, 25.7239**, and if you desaturate by 10%, it is **32.1643, 29.0602, 34.5626**.

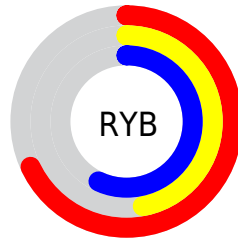
Distribution



Red (68%)

Green (47%)

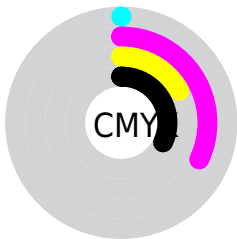
Blue (57%)



Red (68%)

Yellow (47%)

Blue (57%)

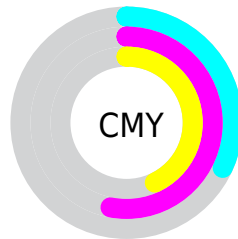


Cyan (0%)

Magenta (32%)

Yellow (17%)

Black (32%)



Cyan (32%)


Magenta (53%)


Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 29.1632, 24.2367, 29.9291 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 29.1632, 24.2367, 29.9291 by changing the saturation by 10% instead.

 29.1632, 24.2367,
29.9291


 29.1632, 24.2367,
29.9291


289.9645,
274.0150, 315.7708

 19.3492, 15.5093,
19.5332


 57.7320, 50.4162,
60.6097

 12.0284, 9.1776,
11.8755


 77.2176, 68.6371,
81.7315

 6.8353, 4.8572,
6.5374


 100.6578, 90.7912,
107.2656

 3.4048, 2.1637,
3.1005

128.4178,
117.2630, 137.6307

 1.3712, 0.7001,
1.1462

160.8632,
148.4369, 173.2452

 0.2356, 0.0000,
0.0000

198.3592,

 0.0000, 0.0000,

184.6973, 214.5277

0.0000

241.2712,
226.4285, 261.8967

■ 29.1632, 24.2367,
29.9291

■ 29.1632, 24.2367,
29.9291

■ 26.5998, 20.1965,
25.7239

■ 32.1643, 29.0602,
34.5626

■ 24.4499, 16.8944,
21.9317

■ 35.6214, 34.7024,
39.6363

■ 22.6901, 14.2854,
18.5379


■ 39.5543, 41.2008,
45.1630


■ 21.2937, 12.3184,
15.5266


■ 43.9810, 48.5892,
51.1549


■ 20.2304, 10.9352,
12.8801


■ 48.9185, 56.8998,
57.6235


 19.4642, 10.0666,
10.5788

 54.3830, 66.1632,
64.5798

 18.9881, 9.6117,
8.8868

 60.3899, 76.4085,
72.0344

 65.9232, 85.6017,
79.6541

 67.1606, 86.0967,
86.1701

Harmonies

Analogous

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



27.6123, 24.2367, 39.0293



29.1632, 24.2367, 29.9291



28.9705, 24.2367, 21.5622

Triad

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



29.1632, 24.2367, 29.9291



21.2824, 24.2367, 13.5880



19.3952, 24.2367, 40.7296

Complementary

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



29.1632, 24.2367, 29.9291



28.0901, 36.3328, 33.5512

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.



17.9733, 24.2367, 31.8887



29.1632, 24.2367, 29.9291



18.9959, 24.2367, 16.8241

Square

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



29.1632, 24.2367, 29.9291



24.2411, 24.2367, 13.2866



17.8338, 24.2367, 23.1409



21.8720, 24.2367, 46.1120

Rectangle

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



29.1632, 24.2367, 29.9291



27.8815, 24.2367, 17.4324



17.8338, 24.2367, 23.1409



18.7876, 24.2367, 37.9854

Sweetspot

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



29.1639, 24.2378, 29.9296



66.2785, 65.6855, 74.2728



26.3453, 22.4926, 42.9975



14.5131, 14.2404, 16.1974



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.



29.1639, 24.2378, 29.9296



49.5341, 38.6425, 48.8198



27.4927, 23.7447, 20.5884



8.1569, 8.0760, 9.1372



13.8017, 6.9832, 6.6013



0.4117, 0.2054, 0.3300

Inverse Universe

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



29.1639, 24.2378, 29.9296



49.5341, 38.6425, 48.8198



30.2080, 36.8975, 45.5744



8.1569, 8.0760, 9.1372



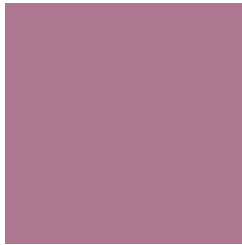
13.8017, 6.9832, 6.6013



0.4117, 0.2054, 0.3300

Previews

White Background



This preview shows how the XYZ color 29.1632, 24.2367, 29.9291 looks on a white background.

Color Contrast Check

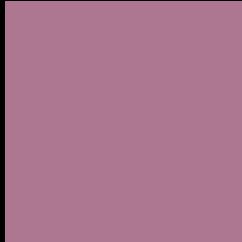
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.1632, 24.2367, 29.9291 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

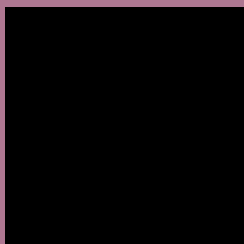
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 29.1632, 24.2367, 29.9291

Background



This preview shows how black text looks on a background with the XYZ color 29.1632, 24.2367, 29.9291.



This preview shows how white text looks on a background with the XYZ color 29.1632, 24.2367,

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

29.1632, 24.2367, 29.9291

Protanopia

23.9572, 24.3223, 34.4423

Deuteranopia

24.7513, 24.2355, 29.3600



Tritanopia

27.9474, 24.0841, 24.6484

Trichromacy



Original Color

29.1632, 24.2367, 29.9291

Protanomaly

25.4688, 24.1379, 32.5949

Deuteranomaly

26.3337, 24.2603, 29.6803

Tritanomaly

28.3940, 24.0948, 26.4468

Monochromacy



Original Color

29.1632, 24.2367, 29.9291

Achromatopsia

24.1572, 25.4152, 27.6772

Achromatomaly

25.6865, 24.7350, 28.6198

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.1632, 24.2367, 29.9291 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, 119, 145)` looks like.

```
.text, #text, p{  
    color:rgb(174, 119, 145)  
}
```

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, 119, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 119, 145) }
```

Border

The CSS property to change the border of an element to XYZ 29.1632, 24.2367, 29.9291 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, 119, 145) }
```


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

```
.border{ border-color:rgb(174, 119, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 119, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 119, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 119, 145);  
box-shadow:4px 4px 4px 4px rgb(174, 119,  
145) }
```

Background

The CSS property to change the background color of an element to XYZ 29.1632, 24.2367, 29.9291 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 119, 145) }
```

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

```
.background{ background-color: rgb(174,  
119, 145) }
```

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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