

Converting Colors

XYZ(29.4422, 24.4872, 36.6978)

Have a look what the booklet for
XYZ(29.4422, 24.4872, 36.6978)
contains.

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Color

**XYZ(29.5117, 24.4412,
36.8804)**

Conversions

Conversions Part 1

Format	Color
Hex	A978A1
RGB	169, 120, 161
RGB Percent	66%, 47%, 63%
CMY	0.3373, 0.5294, 0.3686
CMYK	0.00, 0.29, 0.05, 0.34
HSL	310°, 22%, 57%
HSV	310°, 29%, 66%
XYZ	29.5117, 24.4412, 36.8804
YIQ	139.3250, 16.0430, 23.1390

Conversions

Conversions Part 2

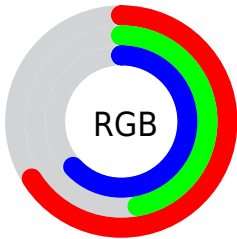
Format	Color
RYB	169, 120, 161
Decimal	11106465
CIELab	56.53, 25.96, -14.37
CIELCh	57, 29.671, 331.036
Yxy	24.4412, 0.3249, 0.2691
Android (android.graphics.Color)	4289296545 (0xFFA978A1)
YUV	139.3250, 10.6858, 26.0250
Hunter-Lab	49.4380, 20.0378, -9.6233

Details

The XYZ color **29.5117, 24.4412, 36.8804** is a light color, and the websafe version is hex **996699**. A complement of this color would be **25.8310, 33.9283, 25.6109**, and the grayscale version is **24.6223, 25.9045, 28.2100**.

A 20% lighter version of the original color is **58.3896, 50.8526, 71.7038**, and **12.2160, 9.3236, 15.6238** is the 20% darker color. If you saturate the color by 10%, you get **27.4153, 20.6333, 34.9944**, and if you desaturate by 10%, it is **31.9736, 28.9709, 38.9153**.

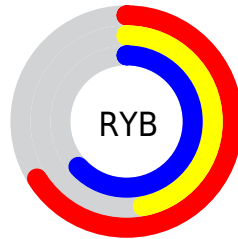
Distribution



Red (66%)

Green (47%)

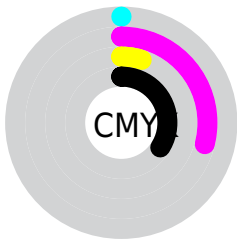
Blue (63%)



Red (66%)

Yellow (47%)

Blue (63%)

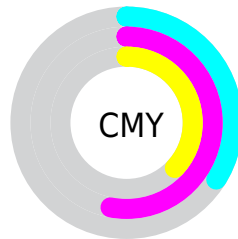


Cyan (0%)

Magenta (29%)

Yellow (5%)

Black (34%)



Cyan (34%)

Magenta (53%)

Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.5117, 24.4412, 36.8804 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 29.5117, 24.4412, 36.8804 by changing the saturation by 10% instead.

■ 29.5117, 24.4412,
36.8804

■ 29.5117, 24.4412,
36.8804

291.5725,
275.0435, 347.9455

■ 19.6145, 15.6612,
24.8198

■ 58.2810, 50.7492,
71.5731

■ 12.2217, 9.2847,
15.7251

■ 77.8839, 69.0461,
95.0423

■ 6.9682, 4.9274,
9.1776

■ 101.4526, 91.2840,
123.1514

■ 3.4883, 2.2047,
4.7588

129.3526,
117.8474, 156.3191

■ 1.4170, 0.7226,
2.0502

161.9493,
149.1206, 194.9638

■ 0.2683, 0.0000,
0.5859

199.6079,

■ 0.0000, 0.0000,

185.4881, 239.5041

0.0000

242.6939,
227.3343, 290.3585

■ 29.5117, 24.4412,
36.8804

■ 29.5117, 24.4412,
36.8804

■ 27.4153, 20.6333,
34.9944

■ 31.9736, 28.9709,
38.9153

■ 25.6634, 17.5061,
33.2493

■ 34.8164, 34.2541,
41.1035

■ 24.2361, 15.0196,
31.6386

■ 38.0572, 40.3245,
43.4512

■ 23.1105, 13.1281,
30.1544

■ 41.7113, 47.2128,
45.9637

■ 22.2608, 11.7800,
28.7880

■ 45.7934, 54.9483,
48.6460

■ 21.6567, 10.9148,
27.5292

■ 50.3173, 63.5586,
51.5029

■ 21.2397, 10.4156,
26.3581

■ 55.2963, 73.0700,
54.5390

■ 21.2004, 10.3703,
26.2424

■ 60.6776, 83.3772,
57.7368

■ 60.9679, 83.4933,
59.2654

Harmonies

Analogous

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



26.8105, 24.4412, 46.3677



29.5117, 24.4412, 36.8804



30.4915, 24.4412, 26.2713

Triad

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



29.5117, 24.4412, 36.8804



23.1113, 24.4412, 11.8100



18.0114, 24.4412, 37.6226

Complementary

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



29.5117, 24.4412, 36.8804



25.8310, 33.9283, 25.6109

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.



17.2249, 24.4412, 26.9562



29.5117, 24.4412, 36.8804



19.9845, 24.4412, 13.4571

Square

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



29.5117, 24.4412, 36.8804



26.5833, 24.4412, 13.2409



17.9107, 24.4412, 18.4524



20.1724, 24.4412, 46.8653

Rectangle

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



29.5117, 24.4412, 36.8804



29.9674, 24.4412, 20.3752



17.9107, 24.4412, 18.4524



17.5877, 24.4412, 34.0077

Sweetspot

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



29.5124, 24.4423, 36.8809



62.2616, 61.1749, 73.5446



22.6836, 20.8378, 40.3631



13.4060, 13.0271, 15.9063



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.



29.5124, 24.4423, 36.8809



50.2921, 39.1088, 63.7806



27.6057, 23.6796, 26.8401



7.7885, 7.6453, 9.2035



15.8170, 7.7355, 19.6457



0.3984, 0.1936, 0.5495

Inverse Universe

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



29.5124, 24.4423, 36.8809



50.2921, 39.1088, 63.7806



27.5898, 34.6318, 34.8728



7.7885, 7.6453, 9.2035



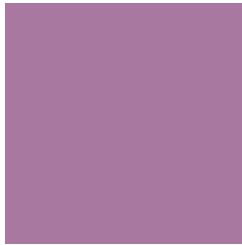
15.8170, 7.7355, 19.6457



0.3984, 0.1936, 0.5495

Previews

White Background



This preview shows how the XYZ color 29.5117, 24.4412, 36.8804 looks on a white background.

Color Contrast Check

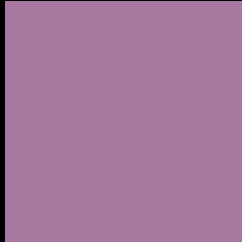
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.5117, 24.4412, 36.8804 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

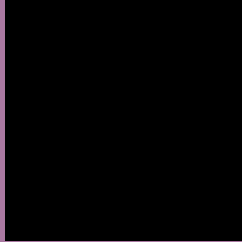
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 29.5117, 24.4412, 36.8804

Background



This preview shows how black text looks on a background with the XYZ color 29.5117, 24.4412, 36.8804.



This preview shows how white text looks on a background with the XYZ color 29.5117, 24.4412,

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

29.5117, 24.4412, 36.8804

Protanopia

24.6282, 24.5025, 41.9595

Deuteranopia

25.1268, 24.6815, 36.2406



Tritanopia

27.4327, 24.5235, 26.2093

Trichromacy



Original Color

29.5117, 24.4412, 36.8804

Protanomaly

25.9806, 24.2413, 39.8689

Deuteranomaly

26.4588, 24.3660, 36.5663

Tritanomaly

28.0534, 24.3950, 29.6157

Monochromacy



Original Color

29.5117, 24.4412, 36.8804

Achromatopsia

24.5403, 25.8183, 28.1161

Achromatomaly

26.0954, 25.0931, 31.0718

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.5117, 24.4412, 36.8804 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, 120, 161)` looks like.

```
.text, #text, p{  
    color:rgb(169, 120, 161)  
}
```

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, 120, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 120, 161) }
```

Border

The CSS property to change the border of an element to XYZ 29.5117, 24.4412, 36.8804 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, 120, 161) }
```


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

```
.border{ border-color:rgb(169, 120, 161) }
```

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

Here you see how a box with a 4 pixel rgb(169, 120, 161) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 120, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 120, 161);  
box-shadow:4px 4px 4px 4px rgb(169, 120,  
161) }
```

Background

The CSS property to change the background color of an element to XYZ 29.5117, 24.4412, 36.8804 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 120, 161) }
```

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

```
.background{ background-color: rgb(169,  
120, 161) }
```

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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