

Converting Colors

XYZ(29.3433, 24.8547, 29.1936)

Have a look what the booklet for
XYZ(29.3433, 24.8547, 29.1936)
contains.

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Color

**XYZ(29.3730, 24.9009,
29.2448)**

Conversions

Conversions Part 1

Format	Color
Hex	AE7A8F
RGB	174, 122, 143
RGB Percent	68%, 48%, 56%
CMY	0.3176, 0.5216, 0.4392
CMYK	0.00, 0.30, 0.18, 0.32
HSL	336°, 24%, 58%
HSV	336°, 30%, 68%
XYZ	29.3730, 24.9009, 29.2448
YIQ	139.9420, 24.2510, 17.5550

Conversions

Conversions Part 2

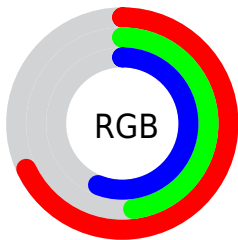
Format	Color
RYB	174, 122, 143
Decimal	11434639
CIELab	56.98, 23.48, -3.22
CIElCh	57, 23.700, 352.203
Yxy	24.9009, 0.3517, 0.2981
Android (android.graphics.Color)	4289624719 (0xFFAE7A8F)
YUV	139.9420, 1.5076, 29.8689
Hunter-Lab	49.9008, 17.7437, 0.1831

Details

The XYZ color **29.3730, 24.9009, 29.2448** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **28.9129, 36.7102, 35.7007**, and the grayscale version is **24.8931, 26.1894, 28.5203**.

A 20% lighter version of the original color is **58.0411, 51.5142, 59.7074**, and **12.2435, 9.6203, 11.5675** is the 20% darker color. If you saturate the color by 10%, you get **26.6749, 20.7046, 24.6459**, and if you desaturate by 10%, it is **32.5277, 29.8936, 34.3551**.

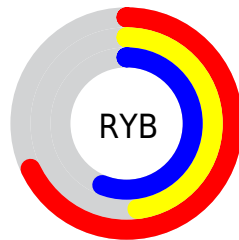
Distribution



Red (68%)

Green (48%)

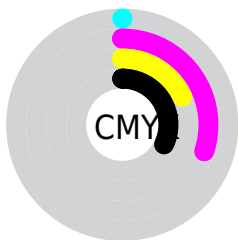
Blue (56%)



Red (68%)

Yellow (48%)

Blue (56%)

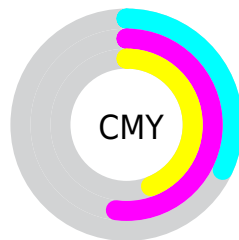


Cyan (0%)

Magenta (30%)

Yellow (18%)

Black (32%)



Cyan (32%)


Magenta (52%)


Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 29.3730, 24.9009, 29.2448 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 29.3730, 24.9009, 29.2448 by changing the saturation by 10% instead.

 29.3730, 24.9009,
29.2448


 29.3730, 24.9009,
29.2448


290.9334,
277.3441, 312.4652

 19.5089, 16.0032,
19.0189

 58.0627, 51.4964,
59.5126

 12.1447, 9.5264,
11.5070


 77.6189, 69.9630,
80.3916

 6.9152, 5.0861,
6.2905


 101.1365, 92.3881,
105.6588

 3.4550, 2.2979,
2.9509

128.9809,
119.1561, 135.7326

 1.3987, 0.7726,
1.0696

161.5175,
150.6512, 171.0316

 0.2553, 0.0000,
0.0000

199.1115,

 0.0000, 0.0000,

187.2580, 211.9743

0.0000

242.1283,
229.3608, 258.9794

■ 29.3730, 24.9009,
29.2448

■ 29.3730, 24.9009,
29.2448

■ 26.6749, 20.7046,
24.6459

■ 32.5277, 29.8936,
34.3551

■ 24.4090, 17.2597,
20.5397

■ 36.1577, 35.7178,
39.9914

■ 22.5515, 14.5218,
16.9084

■ 40.2831, 42.4107,
46.1698

■ 21.0756, 12.4405,
13.7327

■ 44.9224, 50.0061,
52.9049

■ 19.9508, 10.9586,
10.9911

■ 50.0928, 58.5361,
60.2110

■ 19.1418, 10.0091,
8.6602

■ 55.8110, 68.0313,
68.1016

■ 18.5755, 9.4502,
6.7032

■ 62.0928, 78.5207,
76.5900

■ 18.5695, 9.4442,
6.6821

■ 66.9419, 86.0092,
85.0183

■ 68.4091, 86.5961,
92.7442

Harmonies

Analogous

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



28.1513, 24.9009, 37.6277



29.3730, 24.9009, 29.2448



28.9738, 24.9009, 21.7257

Triad

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



29.3730, 24.9009, 29.2448



21.7031, 24.9009, 15.2583



20.5381, 24.9009, 41.1100

Complementary

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



29.3730, 24.9009, 29.2448



28.9129, 36.7102, 35.7007

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.



19.0522, 24.9009, 33.3241



29.3730, 24.9009, 29.2448



19.6872, 24.9009, 18.7657

Square

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



29.3730, 24.9009, 29.2448



24.4007, 24.9009, 14.5904



18.7533, 24.9009, 25.0871



22.9492, 24.9009, 45.3003

Rectangle

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



29.3730, 24.9009, 29.2448



27.8555, 24.9009, 18.0685



18.7533, 24.9009, 25.0871



19.9219, 24.9009, 38.7616

Sweetspot

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



29.3737, 24.9020, 29.2453



66.0971, 65.6130, 73.3177



27.6119, 23.6840, 43.1608



14.4670, 14.2220, 15.9546



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.



29.3737, 24.9020, 29.2453



49.8861, 39.8734, 47.3129



28.4728, 25.4121, 21.8181



8.1342, 8.0669, 9.0177



13.4963, 6.8611, 4.9930



0.4030, 0.2019, 0.2838

Inverse Universe

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



29.3737, 24.9020, 29.2453



49.8861, 39.8734, 47.3129



29.9791, 35.8188, 45.3783



8.1342, 8.0669, 9.0177



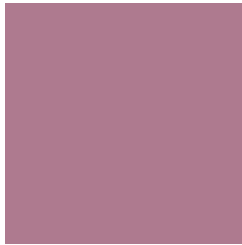
13.4963, 6.8611, 4.9930



0.4030, 0.2019, 0.2838

Previews

White Background



This preview shows how the XYZ color 29.3730, 24.9009, 29.2448 looks on a white background.

Color Contrast Check

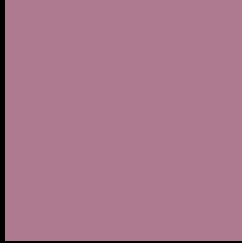
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.3730, 24.9009, 29.2448 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 29.3730, 24.9009, 29.2448

Background



This preview shows how black text looks on a background with the XYZ color 29.3730, 24.9009, 29.2448.



This preview shows how white text looks on a background with the XYZ color 29.3730, 24.9009,

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

29.3730, 24.9009, 29.2448

Protanopia

24.4633, 25.0262, 33.2469

Deuteranopia

25.4080, 24.9940, 28.6845



Tritanopia

28.6749, 24.9930, 25.5031

Trichromacy



Original Color

29.3730, 24.9009, 29.2448

Protanomaly

25.9355, 24.7921, 31.8522

Deuteranomaly

26.6374, 24.8216, 28.9783

Tritanomaly

28.8319, 24.8563, 26.9450

Monochromacy



Original Color

29.3730, 24.9009, 29.2448

Achromatopsia

24.9269, 26.2251, 28.5591

Achromatomaly

26.1441, 25.3735, 28.7189

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.3730, 24.9009, 29.2448 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, 122, 143)` looks like.

```
.text, #text, p{  
    color:rgb(174, 122, 143)  
}
```

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, 122, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 122, 143) }
```

Border

The CSS property to change the border of an element to XYZ 29.3730, 24.9009, 29.2448 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, 122, 143) }
```


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

```
.border{ border-color:rgb(174, 122, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 122, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 122, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 122, 143);  
box-shadow:4px 4px 4px 4px rgb(174, 122,  
143) }
```

Background

The CSS property to change the background color of an element to XYZ 29.3730, 24.9009, 29.2448 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 122, 143) }
```

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

```
.background{ background-color: rgb(174,  
122, 143) }
```

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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