

Converting Colors

XYZ(29.4703, 24.1883, 34.2058)

Have a look what the booklet for
XYZ(29.4703, 24.1883, 34.2058)
contains.

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Color

**XYZ(29.4081, 24.0941,
34.1110)**

Conversions

Conversions Part 1

Format	Color
Hex	AC769B
RGB	172, 118, 155
RGB Percent	67%, 46%, 61%
CMY	0.3255, 0.5372, 0.3922
CMYK	0.00, 0.31, 0.10, 0.33
HSL	319°, 25%, 57%
HSV	319°, 31%, 67%
XYZ	29.4081, 24.0941, 34.1110
YIQ	138.3640, 20.3070, 22.9550

Conversions

Conversions Part 2

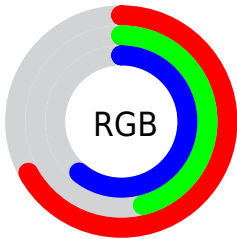
Format	Color
R_{YB}	172, 118, 155
Decimal	11302555
CIE _{Lab}	56.18, 27.05, -11.38
CIE _{LCh}	56, 29.347, 337.179
Yxy	24.0941, 0.3357, 0.2750
Android (android.graphics.Color)	4289492635 (0xFFAC769B)
YUV	138.3640, 8.2015, 29.4988
Hunter-Lab	49.0857, 21.0423, -6.8422

Details

The XYZ color **29.4081, 24.0941, 34.1110** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **26.5979, 35.1066, 28.2976**, and the grayscale version is **24.2613, 25.5248, 27.7965**.

A 20% lighter version of the original color is **58.0664, 50.2232, 66.9552**, and **12.2346, 9.1777, 14.2233** is the 20% darker color. If you saturate the color by 10%, you get **27.1198, 20.2288, 31.1547**, and if you desaturate by 10%, it is **32.0876, 28.7084, 37.2989**.

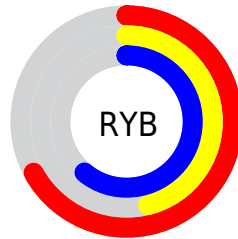
Distribution



Red (67%)

Green (46%)

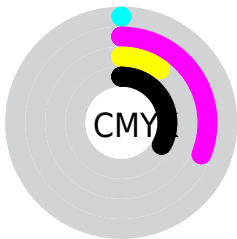
Blue (61%)



Red (67%)

Yellow (46%)

Blue (61%)

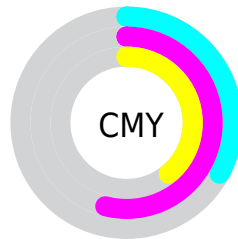


Cyan (0%)

Magenta (31%)

Yellow (10%)

Black (33%)



Cyan (33%)

Magenta (54%)

Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.4081, 24.0941, 34.1110 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 29.4081, 24.0941, 34.1110 by changing the saturation by 10% instead.

■ 29.4081, 24.0941,
34.1110

■ 29.4081, 24.0941,
34.1110

291.0952,
273.2959, 335.4110

■ 19.5356, 15.4034,
22.7008

■ 58.1179, 50.1837,
67.2421

■ 12.1642, 9.1030,
14.1695

■ 77.6860, 68.3515,
89.8001

■ 6.9286, 4.8084,
8.0986

■ 101.2166, 90.4470,
116.9112

■ 3.4634, 2.1353,
4.0694

129.0751,
116.8548, 148.9938

■ 1.4033, 0.6844,
1.6635

161.6268,
147.9592, 186.4666

■ 0.2586, 0.0000,
0.3355

199.2372,

■ 0.0000, 0.0000,

184.1445, 229.7480

0.0000

242.2715,
225.7953, 279.2566

■ 29.4081, 24.0941,
34.1110

■ 29.4081, 24.0941,
34.1110

■ 27.1198, 20.2288,
31.1547

■ 32.0876, 28.7084,
37.2989

■ 25.2002, 17.0689,
28.4203

■ 35.1749, 34.1057,
40.7244

■ 23.6277, 14.5715,
25.8997


■ 38.6883, 40.3218,
44.3951

■ 22.3775, 12.6873,
23.5831


■ 42.6444, 47.3894,
48.3178

■ 21.4214, 11.3605,
21.4599


■ 47.0588, 55.3392,
52.4988

 20.7260, 10.5247,
19.5174

 51.9464, 64.2008,
56.9444

 20.2745, 10.0752,
17.9686

 57.3212, 74.0019,
61.6604

 63.0037, 84.3829,
66.5881

 63.6411, 84.6378,
69.9443

Harmonies

Analogous

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



27.0443, 24.0941, 43.9736



29.4081, 24.0941, 34.1110



29.9507, 24.0941, 23.9827

Triad

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



29.4081, 24.0941, 34.1110



22.1004, 24.0941, 11.7929



18.1158, 24.0941, 39.1239

Complementary

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



29.4081, 24.0941, 34.1110



26.5979, 35.1066, 28.2976

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.



17.0542, 24.0941, 28.6227



29.4081, 24.0941, 34.1110



19.2036, 24.0941, 14.0516

Square

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



29.4081, 24.0941, 34.1110



25.5072, 24.0941, 12.5768



17.4319, 24.0941, 19.6745



20.4781, 24.0941, 47.3282

Rectangle

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



29.4081, 24.0941, 34.1110



29.1627, 24.0941, 18.6374



17.4319, 24.0941, 19.6745



17.6061, 24.0941, 35.6575

Sweetspot

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



29.4088, 24.0952, 34.1115



65.1663, 64.2582, 75.3266



23.7893, 21.0215, 41.8339



13.9747, 13.6344, 16.1704



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



29.4088, 24.0952, 34.1115



50.2573, 38.4702, 57.9330



27.4418, 23.3084, 23.7531



8.2281, 8.1045, 9.5121



15.1130, 7.5077, 13.5064



0.4437, 0.2182, 0.4982

Inverse Universe

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



29.4088, 24.0952, 34.1115



50.2573, 38.4702, 57.9330



28.6753, 35.9375, 39.2367



8.2281, 8.1045, 9.5121



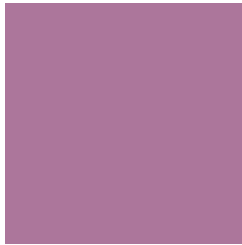
15.1130, 7.5077, 13.5064



0.4437, 0.2182, 0.4982

Previews

White Background



This preview shows how the XYZ color 29.4081, 24.0941, 34.1110 looks on a white background.

Color Contrast Check

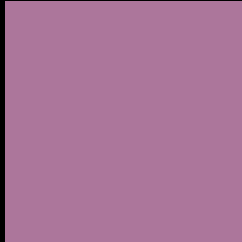
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.4081, 24.0941, 34.1110 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 29.4081, 24.0941, 34.1110

Background



This preview shows how black text looks on a background with the XYZ color 29.4081, 24.0941, 34.1110.



This preview shows how white text looks on a background with the XYZ color 29.4081, 24.0941,

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

29.4081, 24.0941, 34.1110

Protanopia

24.3101, 24.3926, 39.5033

Deuteranopia

24.8163, 24.3779, 33.5344



Tritanopia

27.4866, 24.0200, 25.0174

Trichromacy



Original Color

29.4081, 24.0941, 34.1110

Protanomaly

25.7424, 23.9763, 37.4535

Deuteranomaly

26.3710, 24.1872, 33.8506

Tritanomaly

28.1486, 24.1142, 27.9819

Monochromacy



Original Color

29.4081, 24.0941, 34.1110

Achromatopsia

24.1572, 25.4152, 27.6772

Achromatomaly

25.7280, 24.7302, 29.8030

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.4081, 24.0941, 34.1110 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(172, 118, 155)` looks like.

```
.text, #text, p{  
    color:rgb(172, 118, 155)  
}
```

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(172, 118, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 118, 155) }
```

Border

The CSS property to change the border of an element to XYZ 29.4081, 24.0941, 34.1110 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(172, 118, 155) }
```


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

```
.border{ border-color:rgb(172, 118, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 118, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 118, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 118, 155);  
box-shadow:4px 4px 4px 4px rgb(172, 118,  
155) }
```

Background

The CSS property to change the background color of an element to XYZ 29.4081, 24.0941, 34.1110 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 118, 155) }
```

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

```
.background{ background-color: rgb(172,  
118, 155) }
```

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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