

Converting Colors

XYZ(30.3718, 24.9223, 27.4143)

Have a look what the booklet for
XYZ(30.3718, 24.9223, 27.4143)
contains.

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Color

**XYZ(30.2403, 24.8524,
27.2479)**

Conversions

Conversions Part 1

Format	Color
Hex	B5778A
RGB	181, 119, 138
RGB Percent	71%, 47%, 54%
CMY	0.2902, 0.5333, 0.4588
CMYK	0.00, 0.34, 0.24, 0.29
HSL	342°, 30%, 59%
HSV	342°, 34%, 71%
XYZ	30.2403, 24.8524, 27.2479
YIQ	139.7040, 30.8530, 19.0530

Conversions

Conversions Part 2

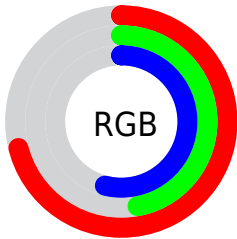
Format	Color
R_{YB}	181, 119, 138
Decimal	11892618
CIE _{Lab}	56.93, 26.98, -0.29
CIE _{LCh}	57, 26.981, 359.383
Yxy	24.8524, 0.3673, 0.3018
Android (android.graphics.Color)	4290082698 (0xFFB5778A)
YUV	139.7040, -0.8401, 36.2166
Hunter-Lab	49.8522, 21.0367, 2.4902

Details

The XYZ color **30.2403, 24.8524, 27.2479** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **30.6543, 39.5789, 40.2082**, and the grayscale version is **24.8078, 26.0998, 28.4227**.

A 20% lighter version of the original color is **59.4164, 51.4438, 56.0883**, and **12.6420, 9.4729, 10.3947** is the 20% darker color. If you saturate the color by 10%, you get **27.4308, 20.6048, 22.0834**, and if you desaturate by 10%, it is **33.5665, 29.9648, 33.1036**.

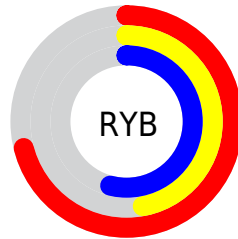
Distribution



Red (71%)

Green (47%)

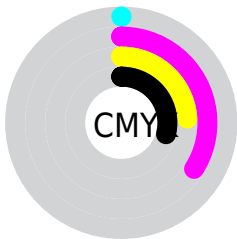
Blue (54%)



Red (71%)

Yellow (47%)

Blue (54%)

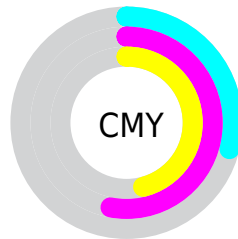


Cyan (0%)

Magenta (34%)

Yellow (24%)

Black (29%)



Cyan (29%)


Magenta (53%)


Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 30.2403, 24.8524, 27.2479 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 30.2403, 24.8524, 27.2479 by changing the saturation by 10% instead.

 30.2403, 24.8524,
27.2479

 30.2403, 24.8524,
27.2479


294.9127,
277.1021, 302.6535

 20.1700, 15.9671,
17.5254


 59.4260, 51.4177,
56.2900

 12.6277, 9.5009,
10.4439

 79.2722, 69.8665,
76.4466

 7.2479, 5.0693,
5.5848


 103.1077, 92.2719,
100.9184

 3.6653, 2.2880,
2.5296

131.2979,
119.0183, 130.1239

 1.5146, 0.7673,
0.8558

164.2081,
150.4901, 164.4816

 0.3357, 0.0000,
0.0000

202.2038,

 0.0000, 0.0000,

187.0718, 204.4101

0.0000

245.6502,
229.1476, 250.3279

■ 30.2403, 24.8524,
27.2479

■ 30.2403, 24.8524,
27.2479

■ 27.4308, 20.6048,
22.0834

■ 33.5665, 29.9648,
33.1036

■ 25.1090, 17.1703,
17.5820

■ 37.4322, 35.9830,
39.6740

■ 23.2462, 14.4972,
13.7158


■ 41.8613, 42.9492,
46.9833


■ 21.8094, 12.5264,
10.4542


■ 46.8758, 50.9024,
55.0541


■ 20.7613, 11.1896,
7.7637


■ 52.4963, 59.8791,
63.9080

 20.0572, 10.4050,
5.6066

 58.7424, 69.9140,
73.5658

 19.7568, 10.1040,
4.5815

 65.6330, 81.0403,
84.0474

 70.3124, 87.5423,
94.4142

 72.2266, 88.3080,
104.4942

Harmonies

Analogous

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



29.2520, 24.8524, 36.9362



30.2403, 24.8524, 27.2479



29.3275, 24.8524, 19.3815

Triad

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



30.2403, 24.8524, 27.2479



20.7611, 24.8524, 14.5428



20.6573, 24.8524, 44.9896

Complementary

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



30.2403, 24.8524, 27.2479



30.6543, 39.5789, 40.2082

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.



18.7081, 24.8524, 36.5382



30.2403, 24.8524, 27.2479



18.7642, 24.8524, 19.1228

Square

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



30.2403, 24.8524, 27.2479



23.6870, 24.8524, 13.1118



18.0466, 24.8524, 26.8730



23.5561, 24.8524, 48.4828

Rectangle

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



30.2403, 24.8524, 27.2479



27.8063, 24.8524, 15.8742



18.0466, 24.8524, 26.8730



19.8791, 24.8524, 42.5533

Sweetspot

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



30.2410, 24.8536, 27.2484



70.1560, 69.3314, 76.2399



29.7102, 24.1464, 46.8110



14.9312, 14.6207, 16.0936



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



30.2410, 24.8536, 27.2484



50.3343, 38.7131, 41.8098



30.4182, 27.2198, 21.1050



8.6000, 8.5467, 9.3921



13.6476, 6.9766, 3.3040



0.4561, 0.2302, 0.2448

Inverse Universe

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



30.2410, 24.8536, 27.2484



50.3343, 38.7131, 41.8098



30.2552, 35.8710, 49.0453



8.6000, 8.5467, 9.3921



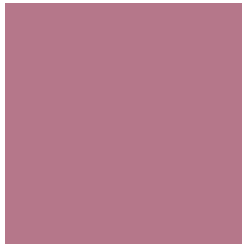
13.6476, 6.9766, 3.3040



0.4561, 0.2302, 0.2448

Previews

White Background



This preview shows how the XYZ color 30.2403, 24.8524, 27.2479 looks on a white background.

Color Contrast Check

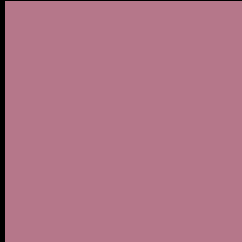
Large Text (above 18pt) WCAG AA ✓ Pass

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 30.2403, 24.8524, 27.2479 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 30.2403, 24.8524, 27.2479

Background



This preview shows how black text looks on a background with the XYZ color 30.2403, 24.8524, 27.2479.



This preview shows how white text looks on a background with the XYZ color 30.2403, 24.8524,

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

30.2403, 24.8524, 27.2479

Protanopia

24.3028, 24.9807, 31.5578

Deuteranopia

25.5940, 25.1319, 26.7946



Tritanopia

29.5681, 24.7479, 24.3375

Trichromacy



Original Color

30.2403, 24.8524, 27.2479

Protanomaly

25.9656, 24.6543, 29.7758

Deuteranomaly

27.1348, 24.9259, 27.0479

Tritanomaly

29.7725, 24.8297, 25.4137

Monochromacy



Original Color

30.2403, 24.8524, 27.2479

Achromatopsia

24.9269, 26.2251, 28.5591

Achromatomaly

26.4290, 25.3352, 27.9233

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.2403, 24.8524, 27.2479 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(181, 119, 138)` looks like.

```
.text, #text, p{  
    color:rgb(181, 119, 138)  
}
```

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(181, 119, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 119, 138) }
```

Border

The CSS property to change the border of an element to XYZ 30.2403, 24.8524, 27.2479 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(181, 119, 138) }
```


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

```
.border{ border-color:rgb(181, 119, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 119, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 119, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 119, 138);  
box-shadow:4px 4px 4px 4px rgb(181, 119,  
138) }
```

Background

The CSS property to change the background color of an element to XYZ 30.2403, 24.8524, 27.2479 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 119, 138) }
```

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

```
.background{ background-color: rgb(181,  
119, 138) }
```

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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