

Converting Colors

XYZ(30.9801, 24.0840, 27.4337)

Have a look what the booklet for
XYZ(30.9801, 24.0840, 27.4337)
contains.

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Color

**XYZ(30.9479, 24.0172,
27.4308)**

Conversions

Conversions Part 1

Format	Color
Hex	BB708B
RGB	187, 112, 139
RGB Percent	73%, 44%, 55%
CMY	0.2667, 0.5608, 0.4549
CMYK	0.00, 0.40, 0.26, 0.27
HSL	338°, 36%, 59%
HSV	338°, 40%, 73%
XYZ	30.9479, 24.0172, 27.4308
YIQ	137.5030, 36.0330, 24.2970

Conversions

Conversions Part 2

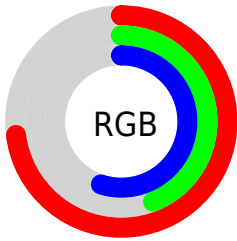
Format	Color
R _Y B	187, 112, 139
Decimal	12284043
CIE Lab	56.11, 33.18, -2.00
CIE LCh	56, 33.243, 356.557
Yxy	24.0172, 0.3756, 0.2915
Android (android.graphics.Color)	4290474123 (0xFFBB708B)
YUV	137.5030, 0.7380, 43.4089
Hunter-Lab	49.0073, 26.9590, 1.1188

Details

The XYZ color **30.9479, 24.0172, 27.4308** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **30.7986, 41.5241, 39.6514**, and the grayscale version is **23.9567, 25.2043, 27.4475**.

A 20% lighter version of the original color is **60.6257, 50.1285, 56.3496**, and **13.0415, 9.0721, 10.5149** is the 20% darker color. If you saturate the color by 10%, you get **28.2676, 19.9803, 22.4564**, and if you desaturate by 10%, it is **34.1538, 28.9516, 33.0533**.

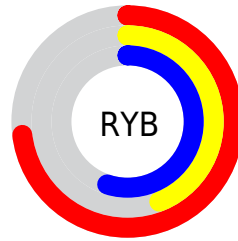
Distribution



Red (73%)

Green (44%)

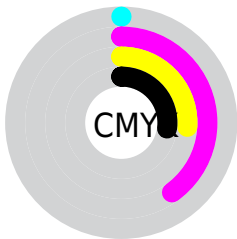
Blue (55%)



Red (73%)

Yellow (44%)

Blue (55%)

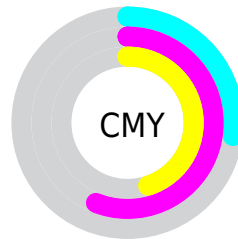


Cyan (0%)

Magenta (40%)

Yellow (26%)

Black (27%)



Cyan (27%)

Magenta (56%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.9479, 24.0172, 27.4308 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 30.9479, 24.0172, 27.4308 by changing the saturation by 10% instead.

■ 30.9479, 24.0172,
27.4308

■ 30.9479, 24.0172,
27.4308

298.1294,
272.9074, 303.5629

■ 20.7108, 15.3464,
17.6617

■ 60.5344, 50.0583,
56.5865

■ 13.0240, 9.0628,
10.5405

■ 80.6146, 68.1973,
76.8102

■ 7.5222, 4.7822,
5.6485

■ 104.7065, 90.2612,
101.3559

■ 3.8400, 2.1200,
2.5672

■ 133.1755,
116.6344, 130.6421

■ 1.6120, 0.6759,
0.8755

166.3869,
147.7012, 165.0874

■ 0.4002, 0.0000,
0.0000

204.7061,

■ 0.0000, 0.0000,

183.8460, 205.1102

0.0000

248.4985,
225.4533, 251.1292

■ 30.9479, 24.0172,
27.4308

■ 30.9479, 24.0172,
27.4308

■ 28.2676, 19.9803,
22.4564

■ 34.1538, 28.9516,
33.0533

■ 26.0811, 16.7828,
18.1037

■ 37.9105, 34.8302,
39.3461

■ 24.3561, 14.3651,
14.3460


■ 42.2443, 41.7003,
46.3319


■ 23.0554, 12.6583,
11.1543


■ 47.1789, 49.6053,
54.0319


■ 22.1352, 11.5808,
8.4960

■ 52.7366, 58.5858,
62.4665

 21.5162, 10.9739,
6.3439

 58.9388, 68.6802,
71.6551

 65.8056, 79.9251,
81.6162

 71.2129, 88.0685,
91.6534

 72.9987, 88.7829,
101.0573

Harmonies

Analogous

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



29.5017, 24.0172, 39.4994



30.9479, 24.0172, 27.4308



30.0267, 24.0172, 17.8481

Triad

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



30.9479, 24.0172, 27.4308



19.7068, 24.0172, 11.5163



19.0240, 24.0172, 47.8522

Complementary

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



30.9479, 24.0172, 27.4308



30.7986, 41.5241, 39.6514

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.



16.8824, 24.0172, 36.6959



30.9479, 24.0172, 27.4308



17.2447, 24.0172, 16.2094

Square

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



30.9479, 24.0172, 27.4308



23.2704, 24.0172, 10.3023



16.2687, 24.0172, 24.9110



22.3906, 24.0172, 53.1779

Rectangle

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



30.9479, 24.0172, 27.4308



28.2441, 24.0172, 13.6849



16.2687, 24.0172, 24.9110



18.1521, 24.0172, 44.5308

Sweetspot

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



30.9486, 24.0184, 27.4313



73.9497, 71.9632, 80.2611



29.1622, 22.5996, 49.8391



16.0544, 15.4811, 17.3061



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

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



30.9486, 24.0184, 27.4313



51.2126, 36.6563, 41.3376



30.3786, 25.6549, 18.6814



9.6683, 9.5916, 10.6421



14.8565, 7.5738, 4.5381



0.6136, 0.3093, 0.3444

Inverse Universe

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



30.9486, 24.0184, 27.4313



51.2126, 36.6563, 41.3376



31.3747, 38.4776, 52.7872



9.6683, 9.5916, 10.6421



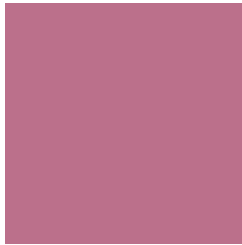
14.8565, 7.5738, 4.5381



0.6136, 0.3093, 0.3444

Previews

White Background



This preview shows how the XYZ color 30.9479, 24.0172, 27.4308 looks on a white background.

Color Contrast Check

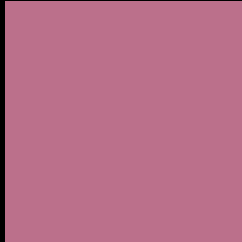
Large Text (above 18pt) WCAG AA ✓ Pass

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 30.9479, 24.0172, 27.4308 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 30.9479, 24.0172, 27.4308

Background



This preview shows how black text looks on a background with the XYZ color 30.9479, 24.0172, 27.4308.



This preview shows how white text looks on a background with the XYZ color 30.9479, 24.0172,

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

30.9479, 24.0172, 27.4308

Protanopia

23.7083, 24.2227, 33.1317

Deuteranopia

24.5929, 24.2132, 26.6700



Tritanopia

29.7135, 24.0058, 21.8064

Trichromacy



Original Color

30.9479, 24.0172, 27.4308

Protanomaly

25.6762, 23.7037, 30.8257

Deuteranomaly

26.6233, 23.9028, 26.8774

Tritanomaly

30.2295, 24.0587, 23.8194

Monochromacy



Original Color

30.9479, 24.0172, 27.4308

Achromatopsia

24.1572, 25.4152, 27.6772

Achromatomaly

26.1480, 24.6034, 27.4155

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.9479, 24.0172, 27.4308 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(187, 112, 139)` looks like.

```
.text, #text, p{  
    color:rgb(187, 112, 139)  
}
```

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(187, 112, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 112, 139) }
```

Border

The CSS property to change the border of an element to XYZ 30.9479, 24.0172, 27.4308 is called "border". The border property can be set on classes, ids or directly on the HTML element.

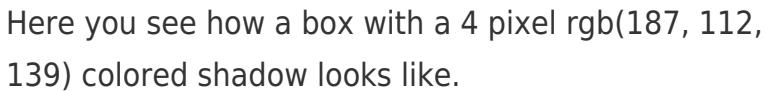
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(187, 112, 139) }
```


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

```
.border{ border-color:rgb(187, 112, 139) }
```

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



Here you see how a box with a 4 pixel `rgb(187, 112, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 112, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 112, 139);  
box-shadow:4px 4px 4px 4px rgb(187, 112,  
139) }
```

Background

The CSS property to change the background color of an element to XYZ 30.9479, 24.0172, 27.4308 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 112, 139) }
```

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

```
.background{ background-color: rgb(187,  
112, 139) }
```

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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