

Converting Colors

XYZ(27.0254, 17.1736, 20.4142)

Have a look what the booklet for
XYZ(27.0254, 17.1736, 20.4142)
contains.

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Color

**XYZ(26.9479, 17.1215,
20.2968)**

Conversions

Conversions Part 1

Format	Color
Hex	BD4A7A
RGB	189, 74, 122
RGB Percent	74%, 29%, 48%
CMY	0.2588, 0.7098, 0.5216
CMYK	0.00, 0.61, 0.35, 0.26
HSL	335°, 47%, 52%
HSV	335°, 61%, 74%
XYZ	26.9479, 17.1215, 20.2968
YIQ	113.8570, 53.1320, 39.3080

Conversions

Conversions Part 2

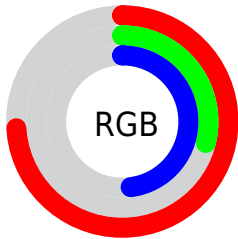
Format	Color
RYB	189, 74, 122
Decimal	12405370
CIELab	48.41, 50.83, -3.19
CIELCh	48, 50.931, 356.406
Yxy	17.1215, 0.4187, 0.2660
Android (android.graphics.Color)	4290595450 (0xFFBD4A7A)
YUV	113.8570, 4.0145, 65.9004
Hunter-Lab	41.3781, 43.8381, -0.1182

Details

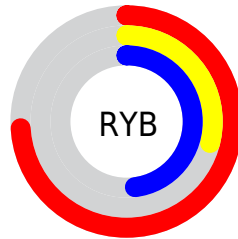
The XYZ color **26.9479, 17.1215, 20.2968** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **25.8303, 39.7746, 31.5175**, and the grayscale version is **15.9293, 16.7588, 18.2504**.

A 20% lighter version of the original color is **54.0706, 38.4508, 44.6163**, and **10.8714, 5.6393, 6.9941** is the 20% darker color. If you saturate the color by 10%, you get **25.2262, 14.7088, 16.5451**, and if you desaturate by 10%, it is **29.1269, 20.3249, 24.5827**.

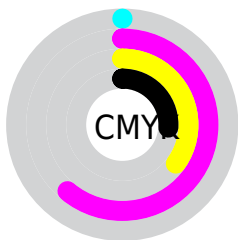
Distribution



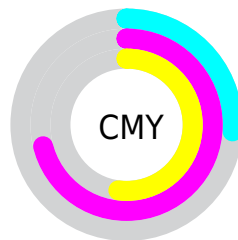
- Red (74%)
- Green (29%)
- Blue (48%)



- Red (74%)
- Yellow (29%)
- Blue (48%)



- Cyan (0%)
- Magenta (61%)
- Yellow (35%)
- Black (26%)





- Cyan (26%)
- Magenta (71%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.9479, 17.1215, 20.2968 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 26.9479, 17.1215, 20.2968 by changing the saturation by 10% instead.


 26.9479, 17.1215,
20.2968


 26.9479, 17.1215,
20.2968


279.5769,
235.8716, 266.1746


 17.6705, 10.3212,
12.4248


 54.2207, 38.5346,
44.7797

 10.8119, 5.6124,
6.9076


 72.9469, 53.9161,
62.2277


 6.0069, 2.6109,
3.3268


 95.5533, 72.9267,
83.7047

 2.8900, 0.9321,
1.2638

 122.4053, 95.9510,
109.6293

 1.0958, 0.0000,
0.0319

 153.8683,
123.3732, 140.4201

 0.0216, 0.0000,
0.0000

190.3077,

 0.0000, 0.0000,

155.5778, 176.4955

0.0000

232.0888,
192.9491, 218.2742

■ 26.9479, 17.1215,
20.2968

■ 26.9479, 17.1215,
20.2968

■ 25.2262, 14.7088,
16.5451

■ 29.1269, 20.3249,
24.5827

■ 23.9226, 13.0128,
13.3015

■ 31.7950, 24.3789,
29.4250

■ 22.9932, 11.9500,
10.5382

■ 34.9826, 29.3404,
34.8457

■ 22.3933, 11.3816,
8.3912

■ 38.7173, 35.2611,
40.8649

■ 43.0244, 42.1882,
47.5017

■ 47.9278, 50.1661,
54.7744

■ 53.4500, 59.2366,
62.7003

■ 59.6121, 69.4389,
71.2962

■ 66.4345, 80.8105,
80.5780

Harmonies

Analogous

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



24.9314, 17.1215, 36.7395



26.9479, 17.1215, 20.2968



25.6849, 17.1215, 9.4040

Triad

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



26.9479, 17.1215, 20.2968



12.6067, 17.1215, 3.8140



11.8042, 17.1215, 49.2081

Complementary

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



26.9479, 17.1215, 20.2968



25.8303, 39.7746, 31.5175

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.



9.4979, 17.1215, 32.5338



26.9479, 17.1215, 20.2968



9.8954, 17.1215, 7.7474

Square

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



26.9479, 17.1215, 20.2968



16.8413, 17.1215, 2.9731



8.8719, 17.1215, 17.0804



15.7185, 17.1215, 57.7446

Rectangle

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



26.9479, 17.1215, 20.2968



23.2629, 17.1215, 5.5533



8.8719, 17.1215, 17.0804



10.8463, 17.1215, 44.0713

Sweetspot

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



26.9484, 17.1224, 20.2971



71.2145, 66.1480, 76.1197



22.3103, 14.0761, 49.6853



14.8563, 13.4920, 15.6515



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.



26.9484, 17.1224, 20.2971



44.3242, 25.1978, 27.6023



25.2152, 17.2987, 8.4897



9.6909, 9.6007, 10.7612



15.1032, 7.6724, 5.8368



0.6243, 0.3136, 0.4007

Inverse Universe

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



26.9484, 17.1224, 20.2971



44.3242, 25.1978, 27.6023



28.6017, 38.3139, 54.0320



9.6909, 9.6007, 10.7612



15.1032, 7.6724, 5.8368



0.6243, 0.3136, 0.4007

Previews

White Background



This preview shows how the XYZ color 26.9479, 17.1215, 20.2968 looks on a white background.

Color Contrast Check

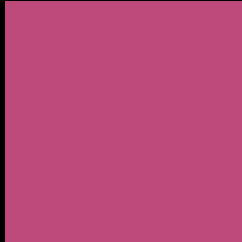
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 26.9479, 17.1215, 20.2968 looks on a black 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

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

XYZ 26.9479, 17.1215, 20.2968

Background



This preview shows how black text looks on a background with the XYZ color 26.9479, 17.1215, 20.2968.



This preview shows how white text looks on a background with the XYZ color 26.9479, 17.1215,

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

26.9479, 17.1215, 20.2968

Protanopia

17.4260, 17.2985, 30.4375

Deuteranopia

17.5507, 17.2849, 18.9343



Tritanopia

24.9124, 17.0121, 10.9875

Trichromacy



Original Color

26.9479, 17.1215, 20.2968

Protanomaly

19.4386, 16.1061, 26.5104

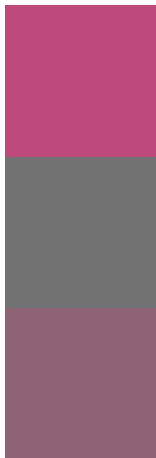
Deuteranomaly

20.0321, 16.4329, 19.2556

Tritanomaly

25.5182, 16.9337, 13.9802

Monochromacy



Original Color

26.9479, 17.1215, 20.2968

Achromatopsia

15.9940, 16.8269, 18.3245

Achromatomaly

18.6572, 15.8708, 18.9096

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.9479, 17.1215, 20.2968 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(189, 74, 122)` looks like.

```
.text, #text, p{  
    color:rgb(189, 74, 122)  
}
```

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(189, 74, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 74, 122) }
```

Border

The CSS property to change the border of an element to XYZ 26.9479, 17.1215, 20.2968 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(189, 74, 122) }
```


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

```
.border{ border-color:rgb(189, 74, 122) }
```

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

Here you see how a box with a 4 pixel rgb(189, 74, 122) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 74, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 74, 122);  
box-shadow:4px 4px 4px 4px rgb(189, 74,  
122) }
```

Background

The CSS property to change the background color of an element to XYZ 26.9479, 17.1215, 20.2968 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 74, 122) }
```

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

```
.background{ background-color: rgb(189, 74,  
122) }
```

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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