

Converting Colors

XYZ(26.8281, 16.6199, 26.9933)

Have a look what the booklet for
XYZ(26.8281, 16.6199, 26.9933)
contains.

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Color

**XYZ(26.8281, 16.6199,
26.9933)**

Conversions

Conversions Part 1

Format	Color
Hex	B8478D
RGB	184, 71, 141
RGB Percent	72%, 28%, 55%
CMY	0.2784, 0.7215, 0.4471
CMYK	0.00, 0.61, 0.23, 0.28
HSL	323°, 44%, 50%
HSV	323°, 61%, 72%
XYZ	26.8281, 16.6199, 26.9933
YIQ	112.7670, 44.8780, 45.7260

Conversions

Conversions Part 2

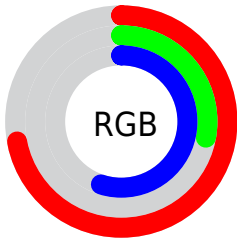
Format	Color
RYB	184, 71, 141
Decimal	12076941
CIELab	47.78, 53.08, -15.68
CIElCh	48, 55.349, 343.544
Yxy	16.6199, 0.3809, 0.2359
Android (android.graphics.Color)	4290267021 (0xFFB8478D)
YUV	112.7670, 13.9189, 62.4713
Hunter-Lab	40.7675, 46.1233, -10.7203

Details

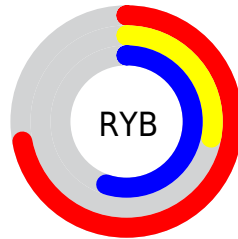
The XYZ color **26.8281, 16.6199, 26.9933** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **22.7771, 36.8359, 21.8309**, and the grayscale version is **15.5786, 16.3899, 17.8486**.

A 20% lighter version of the original color is **54.1461, 37.6620, 56.0454**, and **10.8230, 5.4096, 10.3713** is the 20% darker color. If you saturate the color by 10%, you get **25.3254, 14.4220, 24.0026**, and if you desaturate by 10%, it is **28.7190, 19.5411, 30.2762**.

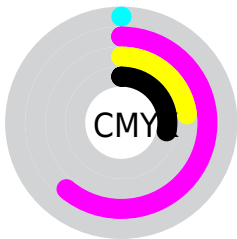
Distribution



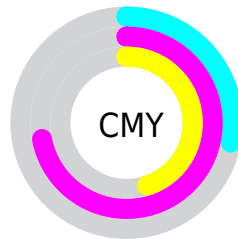
- Red (72%)
- Green (28%)
- Blue (55%)



- Red (72%)
- Yellow (28%)
- Blue (55%)



- Cyan (0%)
- Magenta (61%)
- Yellow (23%)
- Black (28%)



- Cyan (28%)
- Magenta (72%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.8281, 16.6199, 26.9933 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 26.8281, 16.6199, 26.9933 by changing the saturation by 10% instead.

■ 26.8281, 16.6199,
26.9933

■ 26.8281, 16.6199,
26.9933

279.0066,
232.9723, 301.3838

■ 17.5801, 9.9639,
17.3358

■ 54.0297, 37.6711,
55.8767

■ 10.7468, 5.3750,
10.3097

■ 72.7141, 52.8350,
75.9397

■ 5.9629, 2.4689,
5.4965

■ 95.2745, 71.6037,
100.3083

■ 2.8630, 0.8610,
2.4776

■ 122.0765, 94.3616,
129.4010

■ 1.0817, 0.0000,
0.8283

■ 153.4854,
121.4930, 163.6364

■ 0.0097, 0.0000,
0.0000

189.8664,

■ 0.0000, 0.0000,

153.3823, 203.4329

0.0000

231.5850,
190.4140, 249.2092

■ 26.8281, 16.6199,
26.9933

■ 26.8281, 16.6199,
26.9933

■ 25.3254, 14.4220,
24.0026

■ 28.7190, 19.5411,
30.2762

■ 24.1757, 12.8785,
21.2890

■ 31.0262, 23.2414,
33.8632

■ 23.3395, 11.9112,
18.8364

■ 33.7767, 27.7737,
37.7662

■ 22.8033, 11.4048,
16.9129

■ 36.9948, 33.1859,
41.9962

■ 40.7031, 39.5220,
46.5632

■ 44.9224, 46.8230,
51.4770

■ 49.6726, 55.1276,
56.7466

■ 54.9722, 64.4723,
62.3808

■ 60.8390, 74.8916,
68.3879

Harmonies

Analogous

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



23.3239, 16.6199, 46.0091



26.8281, 16.6199, 26.9933



27.0071, 16.6199, 12.4213

Triad

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



26.8281, 16.6199, 26.9933



13.6658, 16.6199, 2.4096



9.8408, 16.6199, 44.2043

Complementary

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



26.8281, 16.6199, 26.9933



22.7771, 36.8359, 21.8309

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.



8.2178, 16.6199, 25.2800



26.8281, 16.6199, 26.9933



10.0930, 16.6199, 4.6368

Square

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



26.8281, 16.6199, 26.9933



18.6567, 16.6199, 2.5046



8.2992, 16.6199, 11.4067



13.2451, 16.6199, 58.9899

Rectangle

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



26.8281, 16.6199, 26.9933



25.1584, 16.6199, 6.8068



8.2992, 16.6199, 11.4067



9.1041, 16.6199, 37.7855

Sweetspot

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



26.8286, 16.6207, 26.9936



69.0557, 63.5459, 78.6367



17.6433, 11.4415, 46.6261



14.4863, 13.0179, 16.4486



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



26.8286, 16.6207, 26.9936



45.0391, 24.9394, 41.5700



23.7035, 15.3707, 10.5368



9.2321, 9.1032, 10.5698



15.7511, 7.8742, 11.8421



0.5844, 0.2892, 0.5709

Inverse Universe

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



26.8286, 16.6207, 26.9936



45.0391, 24.9394, 41.5700



26.8948, 38.4830, 43.5143



9.2321, 9.1032, 10.5698



15.7511, 7.8742, 11.8421



0.5844, 0.2892, 0.5709

Previews

White Background



This preview shows how the XYZ color 26.8281, 16.6199, 26.9933 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 26.8281, 16.6199, 26.9933 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

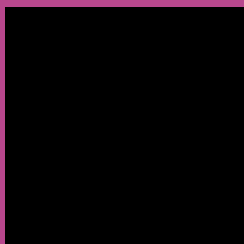
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 26.8281, 16.6199, 26.9933

Background



This preview shows how black text looks on a background with the XYZ color 26.8281, 16.6199, 26.9933.



This preview shows how white text looks on a background with the XYZ color 26.8281, 16.6199,

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

26.8281, 16.6199, 26.9933

Protanopia

17.7609, 16.9083, 40.8556

Deuteranopia

17.1278, 16.7630, 25.2545



Tritanopia

23.5639, 16.6456, 11.4222

Trichromacy



Original Color

26.8281, 16.6199, 26.9933

Protanomaly

19.3723, 15.5995, 35.2477

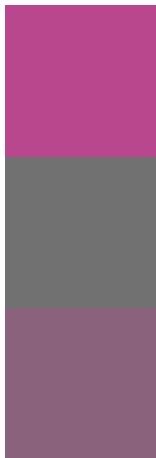
Deuteranomaly

19.5134, 15.7473, 25.6780

Tritanomaly

24.5588, 16.4984, 16.0775

Monochromacy



Original Color

26.8281, 16.6199, 26.9933

Achromatopsia

15.6958, 16.5132, 17.9829

Achromatomaly

18.5903, 15.6544, 20.7807

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.8281, 16.6199, 26.9933 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(184, 71, 141)` looks like.

```
.text, #text, p{  
    color:rgb(184, 71, 141)  
}
```

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(184, 71, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 71, 141) }
```

Border

The CSS property to change the border of an element to XYZ 26.8281, 16.6199, 26.9933 is called "border". The border property can be set on classes, ids or directly on the HTML element.

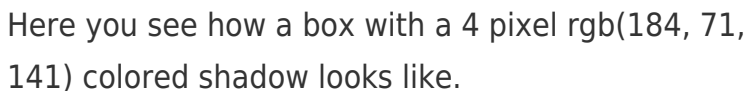
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(184, 71, 141) }
```


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

```
.border{ border-color:rgb(184, 71, 141) }
```

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



Here you see how a box with a 4 pixel `rgb(184, 71, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(184, 71, 141); -webkit-box-shadow:4px 4px 4px 4px rgb(184, 71, 141); box-shadow:4px 4px 4px 4px rgb(184, 71, 141) }
```

Background

The CSS property to change the background color of an element to XYZ 26.8281, 16.6199, 26.9933 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 71, 141) }
```

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

```
.background{ background-color: rgb(184, 71,  
141) }
```

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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