

Converting Colors

XYZ(26.8264, 13.4209, 19.7177)

Have a look what the booklet for
XYZ(26.8264, 13.4209, 19.7177)
contains.

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Color

**XYZ(26.8016, 13.4109,
19.5883)**

Conversions

Conversions Part 1

Format	Color
Hex	C6007A
RGB	198, 0, 122
RGB Percent	78%, 0%, 48%
CMY	0.2235, 0.9999, 0.5216
CMYK	0.00, 1.00, 0.38, 0.22
HSL	323°, 100%, 39%
HSV	323°, 100%, 78%
XYZ	26.8016, 13.4109, 19.5883
YIQ	73.1100, 78.8460, 79.9180

Conversions

Conversions Part 2

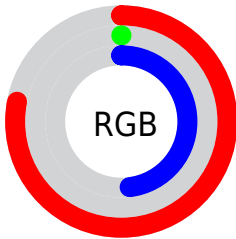
Format	Color
RYB	198, 0, 122
Decimal	12976250
CIELab	43.38, 71.95, -10.53
CIElCh	43, 72.713, 351.672
Yxy	13.4109, 0.4482, 0.2243
Android (android.graphics.Color)	4291166330 (0xFFC6007A)
YUV	73.1100, 24.1028, 109.5285
Hunter-Lab	36.6209, 66.5516, -6.0792

Details

The XYZ color **26.8016, 13.4109, 19.5883** is a dark color, and the websafe version is hex **CC3399**. The color can be described as dark washed rose. A complement of this color would be **21.5002, 40.9108, 13.6069**, and the grayscale version is **6.3048, 6.6332, 7.2235**.

A 20% lighter version of the original color is **52.2882, 31.1324, 43.2977**, and **11.6838, 5.8843, 6.8233** is the 20% darker color. If you saturate the color by 10%, you get **26.8008, 13.4106, 19.5842**, and if you desaturate by 10%, it is **27.5386, 14.1013, 22.2495**.

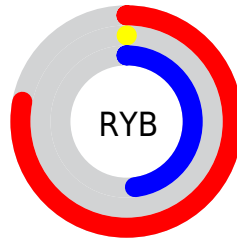
Distribution



Red (78%)

Green (0%)

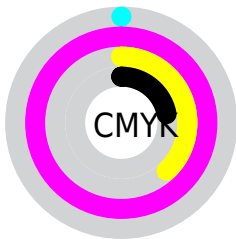
Blue (48%)



Red (78%)

Yellow (0%)

Blue (48%)

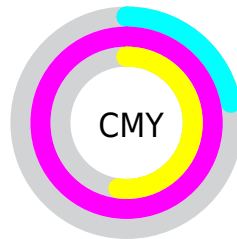


Cyan (0%)

Magenta (100%)

Yellow (38%)

Black (22%)



Cyan (22%)

Magenta (100%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.8016, 13.4109, 19.5883 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 26.8016, 13.4109, 19.5883 by changing the saturation by 10% instead.

■ 26.8016, 13.4109,
19.5883

■ 26.8016, 13.4109,
19.5883

278.8803,
213.5345, 262.2076

■ 17.5601, 7.7121,
11.9150

■ 53.9875, 32.0400,
43.5757

■ 10.7324, 3.9113,
6.5640

■ 72.6625, 45.7392,
60.7269

■ 5.9531, 1.6241,
3.1167

■ 95.2129, 62.8738,
81.8746

■ 2.8570, 0.3737,
1.1545

■ 122.0037, 83.8285,
107.4371

■ 1.0786, 0.0000,
0.0000

■ 153.4006,
108.9875, 137.8332

■ 0.0071, 0.0000,
0.0000

■ 189.7687,

■ 0.0000, 0.0000,

138.7352, 173.4813

0.0000

231.4735,
173.4561, 214.7999

■ 26.8016, 13.4109,
19.5883

■ 26.8016, 13.4109,
19.5883

■ 26.8008, 13.4106,
19.5842

■ 27.5386, 14.1013,
22.2495

■ 28.5652, 15.3107,
25.1930

■ 29.9708, 17.2168,
28.4524

■ 31.8024, 19.9118,
32.0473

■ 34.0995, 23.4741,
35.9945

■ 36.8972, 27.9724,
40.3091

■ 40.2268, 33.4684,
45.0051

■ 44.1172, 40.0187,
50.0955

■ 48.5950, 47.6753,
55.5925

Harmonies

Analogous

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



23.3102, 13.4109, 43.6461



26.8016, 13.4109, 19.5883



25.7434, 13.4109, 5.8621

Triad

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



26.8016, 13.4109, 19.5883



9.1407, 13.4109, 0.5043



7.1264, 13.4109, 55.1374

Complementary

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



26.8016, 13.4109, 19.5883



21.5002, 40.9108, 13.6069

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.



5.0814, 13.4109, 29.3702



26.8016, 13.4109, 19.5883



5.9822, 13.4109, 2.5577

Square

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



26.8016, 13.4109, 19.5883



14.3859, 13.4109, 0.1986



4.7356, 13.4109, 10.5433



11.2369, 13.4109, 72.0941

Rectangle

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



26.8016, 13.4109, 19.5883



22.7060, 13.4109, 2.1465



4.7356, 13.4109, 10.5433



6.2318, 13.4109, 46.5965

Sweetspot

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



26.8020, 13.4117, 19.5885



70.9370, 58.7709, 79.2918



13.1676, 5.6112, 53.8153



14.6222, 11.6481, 16.1949



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



26.8020, 13.4117, 19.5885



47.3348, 23.6979, 34.0246



23.4451, 12.0689, 1.9113



10.9039, 10.7449, 12.4770



17.4721, 8.7384, 12.9617



0.8619, 0.4276, 0.7959

Inverse Universe

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



26.8020, 13.4117, 19.5885



47.3348, 23.6979, 34.0246



27.9230, 43.4799, 47.4288



10.9039, 10.7449, 12.4770



17.4721, 8.7384, 12.9617



0.8619, 0.4276, 0.7959

Previews

White Background



This preview shows how the XYZ color 26.8016, 13.4109, 19.5883 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 26.8016, 13.4109, 19.5883 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 26.8016, 13.4109, 19.5883

Background



This preview shows how black text looks on a background with the XYZ color 26.8016, 13.4109, 19.5883.



This preview shows how white text looks on a background with the XYZ color 26.8016, 13.4109,

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

26.8016, 13.4109, 19.5883

Protanopia

15.4898, 14.2915, 42.4996

Deuteranopia

14.2876, 14.0745, 17.5864



Tritanopia

23.8808, 13.8135, 4.4252

Trichromacy



Original Color

26.8016, 13.4109, 19.5883



Protanomaly

15.6947, 10.2898, 32.6114



Deuteranomaly

16.3704, 10.8812, 17.7605



Tritanomaly

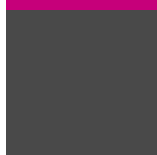
24.3002, 13.1039, 8.0860

Monochromacy



Original Color

26.8016, 13.4109, 19.5883



Achromatopsia

6.3328, 6.6626, 7.2556



Achromatomaly

10.3365, 6.5609, 10.6191

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.8016, 13.4109, 19.5883 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(198, 0, 122)` looks like.

```
.text, #text, p{  
    color:rgb(198, 0, 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(198, 0, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 0, 122) }
```

Border

The CSS property to change the border of an element to XYZ 26.8016, 13.4109, 19.5883 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(198, 0, 122) }
```


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

```
.border{ border-color:rgb(198, 0, 122) }
```

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

Here you see how a box with a 4 pixel rgb(198, 0, 122) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 0, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 0, 122);  
box-shadow:4px 4px 4px 4px rgb(198, 0,  
122) }
```

Background

The CSS property to change the background color of an element to XYZ 26.8016, 13.4109, 19.5883 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 0, 122) }
```

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

```
.background{ background-color: rgb(198, 0,  
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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