

Converting Colors

XYZ(27.0409, 13.4567, 23.1066)

Have a look what the booklet for
XYZ(27.0409, 13.4567, 23.1066)
contains.

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Color

**XYZ(26.9298, 13.4017,
22.9972)**

Conversions

Conversions Part 1

Format	Color
Hex	C40084
RGB	196, 0, 132
RGB Percent	77%, 0%, 52%
CMY	0.2314, 0.9999, 0.4824
CMYK	0.00, 1.00, 0.33, 0.23
HSL	320°, 100%, 38%
HSV	320°, 100%, 77%
XYZ	26.9298, 13.4017, 22.9972
YIQ	73.6520, 74.4440, 82.6040

Conversions

Conversions Part 2

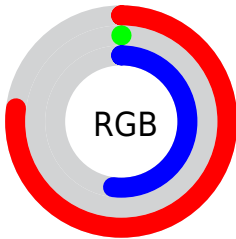
Format	Color
RYB	196, 0, 132
Decimal	12845188
CIELab	43.36, 72.53, -16.76
CIElCh	43, 74.437, 346.990
Yxy	13.4017, 0.4252, 0.2116
Android (android.graphics.Color)	4291035268 (0xFFC40084)
YUV	73.6520, 28.7656, 107.2992
Hunter-Lab	36.6083, 67.2435, -11.6199

Details

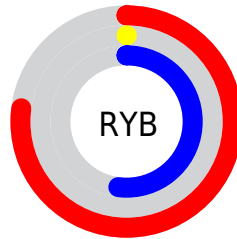
The XYZ color **26.9298, 13.4017, 22.9972** is a dark color, and the websafe version is hex **CC3399**. The color can be described as dark washed rose. A complement of this color would be **20.6667, 39.8507, 11.4581**, and the grayscale version is **6.3923, 6.7252, 7.3237**.

A 20% lighter version of the original color is **53.4052, 31.5792, 49.1796**, and **11.8395, 5.9276, 8.5028** is the 20% darker color. If you saturate the color by 10%, you get **26.9291, 13.4014, 22.9934**, and if you desaturate by 10%, it is **27.6253, 14.0699, 25.4571**.

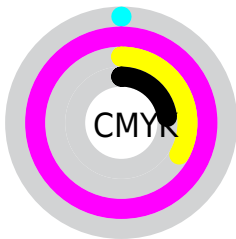
Distribution



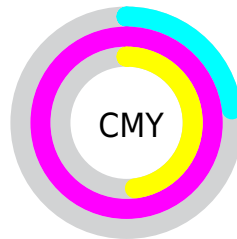
- Red (77%)
- Green (0%)
- Blue (52%)



- Red (77%)
- Yellow (0%)
- Blue (52%)



- Cyan (0%)
- Magenta (100%)
- Yellow (33%)
- Black (23%)





- Cyan (23%)
- Magenta (100%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.9298, 13.4017, 22.9972 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 26.9298, 13.4017, 22.9972 by changing the saturation by 10% instead.


 26.9298, 13.4017,
22.9972

 26.9298, 13.4017,
22.9972


279.4908,
213.4763, 280.8321


 17.6568, 7.7057,
14.3862


 54.1919, 32.0236,
49.3119

 10.8021, 3.9072,
8.2479


 72.9117, 45.7183,
67.8526


 6.0002, 1.6218,
4.1640


 95.5112, 62.8481,
90.5402

 2.8859, 0.3722,
1.7157

 122.3557, 83.7973,
117.7934

 1.0937, 0.0000,
0.3715

 153.8105,
108.9503, 150.0307

 0.0198, 0.0000,
0.0000

 190.2411,

 0.0000, 0.0000,

138.6915, 187.6705

0.0000

232.0127,
173.4054, 231.1314

■ 26.9298, 13.4017,
22.9972

■ 26.9298, 13.4017,
22.9972

■ 26.9291, 13.4014,
22.9934

■ 27.6253, 14.0699,
25.4571

■ 28.5938, 15.2404,
28.1429

■ 29.9228, 17.0876,
31.0860

■ 31.6578, 19.7014,
34.3037

■ 33.8371, 23.1579,
37.8111

■ 36.4946, 27.5241,
41.6214

■ 39.6605, 32.8602,
45.7469

■ 43.3628, 39.2210,
50.1987

■ 47.6271, 46.6573,
54.9875

Harmonies

Analogous

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



22.7189, 13.4017, 48.8657



26.9298, 13.4017, 22.9972



26.6020, 13.4017, 7.1260

Triad

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



26.9298, 13.4017, 22.9972



9.7578, 13.4017, 0.2499



6.5600, 13.4017, 52.4496

Complementary

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



26.9298, 13.4017, 22.9972



20.6667, 39.8507, 11.4581

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.



4.7898, 13.4017, 26.0126



26.9298, 13.4017, 22.9972



6.2155, 13.4017, 1.8670

Square

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



26.9298, 13.4017, 22.9972



15.4081, 13.4017, 0.1563



4.6864, 13.4017, 8.5342



10.3956, 13.4017, 72.7874

Rectangle

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



26.9298, 13.4017, 22.9972



23.8406, 13.4017, 2.5958



4.6864, 13.4017, 8.5342



5.7618, 13.4017, 43.3538

Sweetspot

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



26.9302, 13.4024, 22.9974



71.5453, 59.0142, 82.4949



11.9564, 5.0133, 52.5621



14.7674, 11.7062, 16.9597



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.



26.9302, 13.4024, 22.9974



48.6596, 24.2278, 41.0010



23.0832, 11.8636, 2.7392



10.3529, 10.1898, 11.9487



17.3441, 8.6274, 14.9899



0.7800, 0.3850, 0.8087

Inverse Universe

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



26.9302, 13.4024, 22.9974



48.6596, 24.2278, 41.0010



26.0919, 42.0207, 40.0268



10.3529, 10.1898, 11.9487



17.3441, 8.6274, 14.9899



0.7800, 0.3850, 0.8087

Previews

White Background



This preview shows how the XYZ color 26.9298, 13.4017, 22.9972 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 26.9298, 13.4017, 22.9972 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

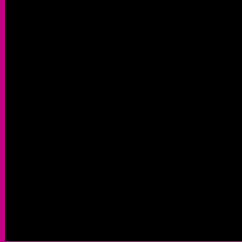
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

XYZ 26.9298, 13.4017, 22.9972

Background



This preview shows how black text looks on a background with the XYZ color 26.9298, 13.4017, 22.9972.



This preview shows how white text looks on a background with the XYZ color 26.9298, 13.4017,

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

26.9298, 13.4017, 22.9972

Protanopia

15.9866, 14.2336, 50.0489

Deuteranopia

14.2704, 13.9970, 20.6884



Tritanopia

23.3797, 13.7987, 4.9212

Trichromacy



Original Color

26.9298, 13.4017, 22.9972



Protanomaly

15.5137, 9.9873, 38.1559



Deuteranomaly

16.3037, 10.7759, 20.9593



Tritanomaly

24.0592, 13.0344, 9.2305

Monochromacy



Original Color

26.9298, 13.4017, 22.9972



Achromatopsia

6.5089, 6.8478, 7.4573



Achromatomaly

10.5533, 6.7108, 11.5656

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.9298, 13.4017, 22.9972 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(196, 0, 132)` looks like.

```
.text, #text, p{  
    color:rgb(196, 0, 132)  
}
```

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(196, 0, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 0, 132) }
```

Border

The CSS property to change the border of an element to XYZ 26.9298, 13.4017, 22.9972 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(196, 0, 132) }
```


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

```
.border{ border-color:rgb(196, 0, 132) }
```

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

Here you see how a box with a 4 pixel rgb(196, 0, 132) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 0, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 0, 132);  
box-shadow:4px 4px 4px 4px rgb(196, 0,  
132) }
```

Background

The CSS property to change the background color of an element to XYZ 26.9298, 13.4017, 22.9972 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 0, 132) }
```

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

```
.background{ background-color: rgb(196, 0,  
132) }
```

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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