

Converting Colors

XYZ(26.8069, 19.1741, 39.9620)

Have a look what the booklet for
XYZ(26.8069, 19.1741, 39.9620)
contains.

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Color

**XYZ(26.8614, 19.2296,
39.8321)**

Conversions

Conversions Part 1

Format	Color
Hex	A560A9
RGB	165, 96, 169
RGB Percent	65%, 38%, 66%
CMY	0.3529, 0.6235, 0.3373
CMYK	0.02, 0.43, 0.00, 0.34
HSL	297°, 30%, 52%
HSV	297°, 43%, 66%
XYZ	26.8614, 19.2296, 39.8321
YIQ	124.9530, 17.6910, 37.3310

Conversions

Conversions Part 2

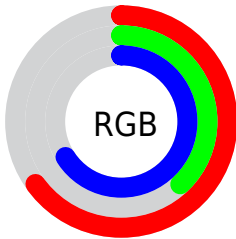
Format	Color
R _Y B	165, 96, 169
Decimal	10838185
CIE Lab	50.95, 39.52, -27.60
CIE LCh	51, 48.206, 325.072
Yxy	19.2296, 0.3126, 0.2238
Android (android.graphics.Color)	4289028265 (0xFFA560A9)
YUV	124.9530, 21.7152, 35.1212
Hunter-Lab	43.8516, 32.6004, -23.1593

Details

The XYZ color **26.8614, 19.2296, 39.8321** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **21.5554, 31.9302, 16.0942**, and the grayscale version is **19.4028, 20.4133, 22.2301**.

A 20% lighter version of the original color is **53.8632, 41.9338, 75.7761**, and **10.7434, 6.6179, 17.5408** is the 20% darker color. If you saturate the color by 10%, you get **25.2904, 16.3720, 39.3636**, and if you desaturate by 10%, it is **28.7665, 22.7525, 40.4119**.

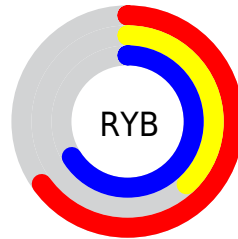
Distribution



Red (65%)

Green (38%)

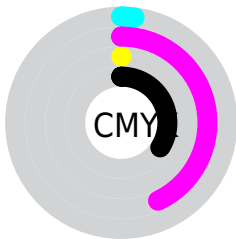
Blue (66%)



Red (65%)

Yellow (38%)

Blue (66%)

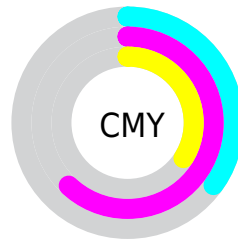


Cyan (2%)

Magenta (43%)

Yellow (0%)

Black (34%)



Cyan (35%)

Magenta (62%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.8614, 19.2296, 39.8321 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 26.8614, 19.2296, 39.8321 by changing the saturation by 10% instead.

■ 26.8614, 19.2296,
39.8321

■ 26.8614, 19.2296,
39.8321

279.1652,
247.7134, 360.9464

■ 17.6052, 11.8363,
27.0949

■ 54.0828, 42.1217,
76.1421

■ 10.7649, 6.6323,
17.4114

■ 72.7788, 58.3893,
100.5519

■ 5.9751, 3.2332,
10.3632

■ 95.3520, 78.3838,
129.6896

■ 2.8705, 1.2547,
5.5317

■ 122.1680,
102.4896, 163.9739

■ 1.0856, 0.1057,
2.4983

153.5919,
131.0910, 203.8231

■ 0.0130, 0.0000,
0.8393

189.9891,

■ 0.0000, 0.0000,

164.5725, 249.6559

0.0000

231.7251,
203.3185, 301.8909

■ 26.8614, 19.2296,
39.8321

■ 26.8614, 19.2296,
39.8321

■ 25.2904, 16.3720,
39.3636

■ 28.7665, 22.7525,
40.4119

■ 24.0302, 14.1343,
38.9981

■ 31.0234, 26.9771,
41.1084

■ 23.0573, 12.4695,
38.7280

■ 33.6506, 31.9405,
41.9280

■ 22.3445, 11.3224,
38.5442

■ 36.6651, 37.6763,
42.8762

■ 21.8588, 10.6277,
38.4357

■ 40.0825, 44.2158,
43.9584

■ 21.6072, 10.3116,
38.3880

■ 43.9177, 51.5889,
45.1794

■ 48.1849, 59.8238,
46.5440

■ 52.8975, 68.9475,
48.0567

■ 58.0684, 78.9857,
49.7217

Harmonies

Analogous

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



22.4394, 19.2296, 54.8153



26.8614, 19.2296, 39.8321



29.0047, 19.2296, 23.2727

Triad

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



26.8614, 19.2296, 39.8321



19.0752, 19.2296, 4.1695



11.1733, 19.2296, 34.1358

Complementary

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



26.8614, 19.2296, 39.8321



21.5554, 31.9302, 16.0942

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.



10.5866, 19.2296, 18.7645



26.8614, 19.2296, 39.8321



14.6643, 19.2296, 5.0328

Square

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



26.8614, 19.2296, 39.8321



24.0384, 19.2296, 5.9550



11.7496, 19.2296, 9.2244



13.5189, 19.2296, 50.6458

Rectangle

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



26.8614, 19.2296, 39.8321



28.6238, 19.2296, 14.8309



11.7496, 19.2296, 9.2244



10.7832, 19.2296, 28.5259

Sweetspot

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



26.8621, 19.2304, 39.8325



60.2462, 57.1659, 75.0839



16.6268, 14.6337, 39.4847



12.9002, 12.0224, 16.2928



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



26.8621, 19.2304, 39.8325



45.3601, 29.4413, 70.5171



25.0873, 18.6182, 26.0771



7.8007, 7.6454, 9.4829



16.1185, 7.6928, 28.6108



0.4040, 0.1932, 0.6967

Inverse Universe

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



22.8459, 17.7216, 14.2737



37.2798, 26.4227, 18.3222



22.8846, 32.4121, 25.3465



7.5472, 7.5487, 7.9325



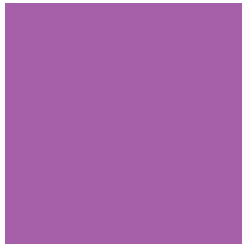
12.2391, 6.3043, 0.8045



0.3028, 0.1554, 0.0461

Previews

White Background



This preview shows how the XYZ color 26.8614, 19.2296, 39.8321 looks on a white background.

Color Contrast Check

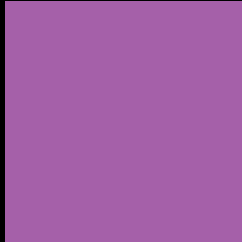
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.8614, 19.2296, 39.8321 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

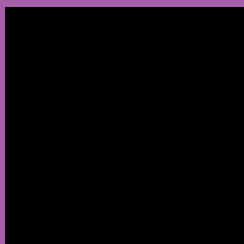
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 26.8614, 19.2296, 39.8321

Background



This preview shows how black text looks on a background with the XYZ color 26.8614, 19.2296, 39.8321.



This preview shows how white text looks on a background with the XYZ color 26.8614, 19.2296,

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

26.8614, 19.2296, 39.8321

Protanopia

20.7233, 19.6052, 50.2689

Deuteranopia

19.8147, 19.4008, 38.2977



Tritanopia

22.6155, 19.2552, 19.0477

Trichromacy



Original Color

26.8614, 19.2296, 39.8321

Protanomaly

22.0510, 18.8426, 46.1908

Deuteranomaly

21.6206, 18.7892, 38.5635

Tritanomaly

24.0214, 19.2270, 25.3668

Monochromacy



Original Color

26.8614, 19.2296, 39.8321

Achromatopsia

19.4927, 20.5079, 22.3331

Achromatomaly

21.6402, 19.5332, 27.8290

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.8614, 19.2296, 39.8321 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(165, 96, 169)` looks like.

```
.text, #text, p{  
    color:rgb(165, 96, 169)  
}
```

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(165, 96, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 96, 169) }
```

Border

The CSS property to change the border of an element to XYZ 26.8614, 19.2296, 39.8321 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(165, 96, 169) }
```


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

```
.border{ border-color:rgb(165, 96, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 96, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 96, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 96, 169);  
box-shadow:4px 4px 4px 4px rgb(165, 96,  
169) }
```

Background

The CSS property to change the background color of an element to XYZ 26.8614, 19.2296, 39.8321 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 96, 169) }
```

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

```
.background{ background-color: rgb(165, 96,  
169) }
```

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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