

Converting Colors

XYZ(27.3538, 19.5774, 34.2566)

Have a look what the booklet for
XYZ(27.3538, 19.5774, 34.2566)
contains.

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Color

**XYZ(27.2819, 19.5707,
34.2379)**

Conversions

Conversions Part 1

Format	Color
Hex	AC609D
RGB	172, 96, 157
RGB Percent	67%, 38%, 62%
CMY	0.3255, 0.6235, 0.3843
CMYK	0.00, 0.44, 0.09, 0.33
HSL	312°, 31%, 53%
HSV	312°, 44%, 67%
XYZ	27.2819, 19.5707, 34.2379
YIQ	125.6780, 25.7150, 35.0830

Conversions

Conversions Part 2

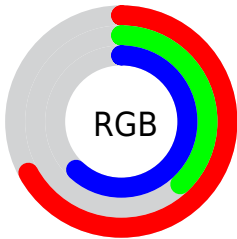
Format	Color
R_{YB}	172, 96, 157
Decimal	11296925
CIE _{Lab}	51.35, 39.53, -19.88
CIE _{LCh}	51, 44.249, 333.296
Yxy	19.5707, 0.3364, 0.2413
Android (android.graphics.Color)	4289487005 (0xFFAC609D)
YUV	125.6780, 15.4417, 40.6244
Hunter-Lab	44.2388, 32.6624, -14.9194

Details

The XYZ color **27.2819, 19.5707, 34.2379** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **22.4465, 33.1401, 20.2538**, and the grayscale version is **19.6657, 20.6899, 22.5313**.

A 20% lighter version of the original color is **54.9442, 42.9064, 67.6732**, and **11.0497, 6.8461, 14.3747** is the 20% darker color. If you saturate the color by 10%, you get **25.5952, 16.6545, 32.2655**, and if you desaturate by 10%, it is **29.3212, 23.1786, 36.3679**.

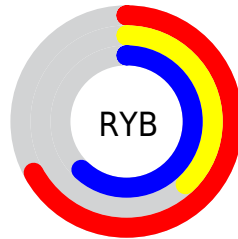
Distribution



Red (67%)

Green (38%)

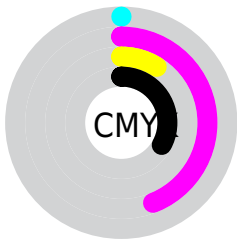
Blue (62%)



Red (67%)

Yellow (38%)

Blue (62%)

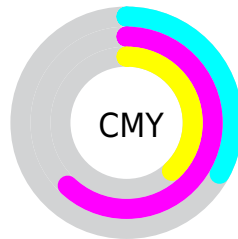


Cyan (0%)

Magenta (44%)

Yellow (9%)

Black (33%)



Cyan (33%)

Magenta (62%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.2819, 19.5707, 34.2379 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 27.2819, 19.5707, 34.2379 by changing the saturation by 10% instead.

■ 27.2819, 19.5707,
34.2379

■ 27.2819, 19.5707,
34.2379

281.1622,
249.5815, 335.9930

■ 17.9227, 12.0834,
22.7976

■ 54.7526, 42.6962,
67.4416

■ 10.9939, 6.8005,
14.2402

■ 73.5948, 59.1033,
90.0420

■ 6.1300, 3.3376,
8.1473

■ 96.3288, 79.2523,
117.1996

■ 2.9657, 1.3104,
4.1002

■ 123.3199,
103.5277, 149.3328

■ 1.1356, 0.1493,
1.6805

154.9334,
132.3140, 186.8602

■ 0.0546, 0.0000,
0.3473

191.5347,

■ 0.0000, 0.0000,

165.9954, 230.2003

0.0000

233.4892,
204.9565, 279.7718

■ 27.2819, 19.5707,
34.2379

■ 27.2819, 19.5707,
34.2379

■ 25.5952, 16.6545,
32.2655

■ 29.3212, 23.1786,
36.3679

■ 24.2366, 14.3819,
30.4418

■ 31.7319, 27.5166,
38.6616

■ 23.1812, 12.7032,
28.7582

■ 34.5336, 32.6236,
41.1260

■ 22.3999, 11.5599,
27.2048

■ 37.7440, 38.5348,
43.7673

■ 21.8575, 10.8821,
25.7694

■ 41.3799, 45.2836,
46.5914

■ 21.6046, 10.6072,
24.9730

■ 45.4567, 52.9010,
49.6038

■ 49.9895, 61.4167,
52.8097

■ 54.9924, 70.8590,
56.2142

■ 60.4789, 81.2549,
59.8220

Harmonies

Analogous

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



23.6726, 19.5707, 48.8449



27.2819, 19.5707, 34.2379



28.4512, 19.5707, 19.9389

Triad

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



27.2819, 19.5707, 34.2379



18.1165, 19.5707, 5.0678



12.3590, 19.5707, 37.6752

Complementary

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



27.2819, 19.5707, 34.2379



22.4465, 33.1401, 20.2538

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.



11.3361, 19.5707, 22.7409



27.2819, 19.5707, 34.2379



14.3116, 19.5707, 6.7443

Square

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



27.2819, 19.5707, 34.2379



22.6916, 19.5707, 6.1145



11.9903, 19.5707, 12.1297



15.0348, 19.5707, 51.3208

Rectangle

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



27.2819, 19.5707, 34.2379



27.5587, 19.5707, 13.0538



11.9903, 19.5707, 12.1297



11.8315, 19.5707, 32.4685

Sweetspot

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



27.2825, 19.5716, 34.2383



63.1699, 60.1394, 75.0497



18.0523, 14.6561, 40.9075



13.4742, 12.6042, 16.0940



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



27.2825, 19.5716, 34.2383



46.4978, 30.3236, 58.6146



24.5911, 18.4950, 20.0653



8.2683, 8.1206, 9.7236



16.0968, 7.9013, 18.6870



0.4649, 0.2266, 0.6097

Inverse Universe

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



27.2825, 19.5716, 34.2383



46.4978, 30.3236, 58.6146



24.9171, 34.1284, 33.2642



8.2683, 8.1206, 9.7236



16.0968, 7.9013, 18.6870



0.4649, 0.2266, 0.6097

Previews

White Background



This preview shows how the XYZ color 27.2819, 19.5707, 34.2379 looks on a white background.

Color Contrast Check

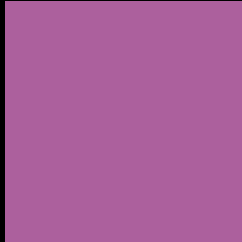
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.2819, 19.5707, 34.2379 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 27.2819, 19.5707, 34.2379

Background



This preview shows how black text looks on a background with the XYZ color 27.2819, 19.5707, 34.2379.



This preview shows how white text looks on a background with the XYZ color 27.2819, 19.5707,

34.2379.

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

27.2819, 19.5707, 34.2379

Protanopia

20.4995, 19.8126, 43.8181

Deuteranopia

20.0740, 19.6548, 32.8727



Tritanopia

23.9686, 19.5109, 18.1255

Trichromacy



Original Color

27.2819, 19.5707, 34.2379

Protanomaly

22.0089, 19.1200, 40.0667

Deuteranomaly

21.9984, 19.1052, 33.1001

Tritanomaly

25.0760, 19.5227, 23.2155

Monochromacy



Original Color

27.2819, 19.5707, 34.2379

Achromatopsia

19.8309, 20.8637, 22.7206

Achromatomaly

21.9738, 19.9072, 26.3513

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.2819, 19.5707, 34.2379 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(172, 96, 157)` looks like.

```
.text, #text, p{  
    color:rgb(172, 96, 157)  
}
```

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(172, 96, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 96, 157) }
```

Border

The CSS property to change the border of an element to XYZ 27.2819, 19.5707, 34.2379 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(172, 96, 157) }
```


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

```
.border{ border-color:rgb(172, 96, 157) }
```

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

Here you see how a box with a 4 pixel rgb(172, 96, 157) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 96, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 96, 157);  
box-shadow:4px 4px 4px 4px rgb(172, 96,  
157) }
```

Background

The CSS property to change the background color of an element to XYZ 27.2819, 19.5707, 34.2379 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 96, 157) }
```

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

```
.background{ background-color: rgb(172, 96,  
157) }
```

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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