

Converting Colors

XYZ(27.3298, 24.0648, 39.7854)

Have a look what the booklet for
XYZ(27.3298, 24.0648, 39.7854)
contains.

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Color

**XYZ(27.3196, 23.9776,
39.7475)**

Conversions

Conversions Part 1

Format	Color
Hex	997CA7
RGB	153, 124, 167
RGB Percent	60%, 49%, 65%
CMY	0.4000, 0.5137, 0.3451
CMYK	0.08, 0.26, 0.00, 0.35
HSL	280°, 20%, 57%
HSV	280°, 26%, 65%
XYZ	27.3196, 23.9776, 39.7475
YIQ	137.5730, 3.4810, 19.5210

Conversions

Conversions Part 2

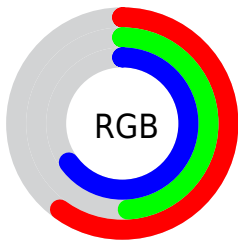
Format	Color
RYB	153, 124, 167
Decimal	10058919
CIELab	56.07, 19.35, -18.69
CIElCh	56, 26.900, 315.997
Yxy	23.9776, 0.3001, 0.2634
Android (android.graphics.Color)	4288248999 (0xFF997CA7)
YUV	137.5730, 14.5075, 13.5295
Hunter-Lab	48.9669, 13.8965, -13.8501

Details

The XYZ color **27.3196, 23.9776, 39.7475** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **27.9388, 34.4965, 24.2558**, and the grayscale version is **23.9413, 25.1881, 27.4298**.

A 20% lighter version of the original color is **54.9194, 50.1281, 75.8884**, and **10.9774, 9.0367, 17.3853** is the 20% darker color. If you saturate the color by 10%, you get **24.3986, 19.6241, 39.0615**, and if you desaturate by 10%, it is **30.6433, 29.0661, 40.5549**.

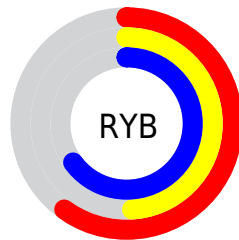
Distribution



Red (60%)

Green (49%)

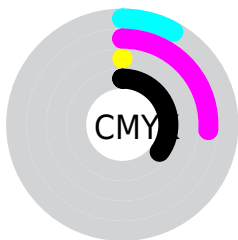
Blue (65%)



Red (60%)

Yellow (49%)

Blue (65%)

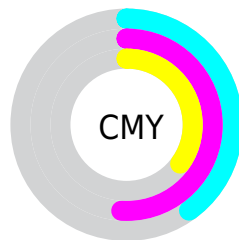


Cyan (8%)

Magenta (26%)

Yellow (0%)

Black (35%)



Cyan (40%)

Magenta (51%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.3196, 23.9776, 39.7475 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 27.3196, 23.9776, 39.7475 by changing the saturation by 10% instead.

■ 27.3196, 23.9776,
39.7475

■ 27.3196, 23.9776,
39.7475

281.3407,
272.7072, 360.5786

■ 17.9512, 15.3170,
27.0294

■ 54.8126, 49.9936,
76.0117

■ 11.0145, 9.0422,
17.3627

■ 73.6679, 68.1179,
100.3950

■ 6.1439, 4.7687,
10.3287

■ 96.4162, 90.1655,
129.5037

■ 2.9743, 2.1122,
5.5090

123.4229,
116.5208, 163.7565

■ 1.1402, 0.6715,
2.4850

155.0534,
147.5682, 203.5718

■ 0.0583, 0.0000,
0.8322

191.6729,

■ 0.0000, 0.0000,

183.6922, 249.3683

0.0000

233.6469,
225.2770, 301.5643

■ 27.3196, 23.9776,
39.7475

■ 27.3196, 23.9776,
39.7475

■ 24.3986, 19.6241,
39.0615

■ 30.6433, 29.0661,
40.5549

■ 21.8595, 15.9666,
38.4894

■ 34.3847, 34.9200,
41.4876

■ 19.6832, 12.9669,
38.0251

■ 38.5607, 41.5719,
42.5514

■ 17.8476, 10.5819,
37.6615

■ 43.1864, 49.0511,
43.7513

■ 16.3280, 8.7634,
37.3905

■ 48.2763, 57.3860,
45.0918

■ 15.0960, 7.4554,
37.2030

■ 53.8443, 66.6031,
46.5774

■ 14.1147, 6.5851,
37.0867

■ 59.9035, 76.7281,
48.2124

■ 13.7375, 6.2762,
37.0470

■ 65.6302, 86.1129,
49.7220

■ 67.0751, 86.8578,
49.7896

Harmonies

Analogous

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



24.4609, 23.9776, 46.0349



27.3196, 23.9776, 39.7475



29.0310, 23.9776, 30.4291

Triad

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



27.3196, 23.9776, 39.7475



24.2528, 23.9776, 12.8690



17.5592, 23.9776, 31.0650

Complementary

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



27.3196, 23.9776, 39.7475



27.9388, 34.4965, 24.2558

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.



17.5144, 23.9776, 22.2158



27.3196, 23.9776, 39.7475



21.1969, 23.9776, 12.9646

Square

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



27.3196, 23.9776, 39.7475



27.1555, 23.9776, 15.7114



18.7909, 23.9776, 16.0108



18.9194, 23.9776, 40.3025

Rectangle

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



27.3196, 23.9776, 39.7475



29.2000, 23.9776, 24.3757



18.7909, 23.9776, 16.0108



17.3942, 23.9776, 27.9196

Sweetspot

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



27.3204, 23.9786, 39.7480



59.9037, 59.8968, 73.8793



24.4245, 25.3488, 40.1651



13.1809, 13.0514, 16.4766



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.



27.3204, 23.9786, 39.7480



45.8007, 38.2537, 70.4450



29.4753, 25.1640, 36.4855



7.6009, 7.5424, 9.4736



10.5649, 4.8298, 28.3509



0.3072, 0.1434, 0.6921

Inverse Universe

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



27.7322, 24.4667, 27.3066



46.7690, 39.3420, 43.8741



26.2397, 33.5664, 26.6290



7.6281, 7.5811, 8.3585



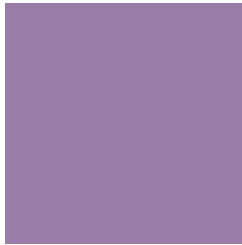
12.7313, 6.5012, 3.3968



0.3331, 0.1675, 0.2055

Previews

White Background



This preview shows how the XYZ color 27.3196, 23.9776, 39.7475 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 27.3196, 23.9776, 39.7475 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

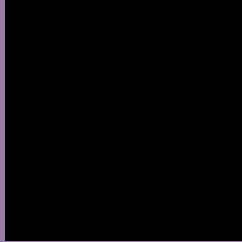
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 27.3196, 23.9776, 39.7475

Background



This preview shows how black text looks on a background with the XYZ color 27.3196, 23.9776, 39.7475.



This preview shows how white text looks on a background with the XYZ color 27.3196, 23.9776,

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

27.3196, 23.9776, 39.7475

Protanopia

24.2425, 24.0773, 42.9048

Deuteranopia

24.5585, 24.1247, 38.9595



Tritanopia

24.9049, 23.9542, 27.7371

Trichromacy



Original Color

27.3196, 23.9776, 39.7475

Protanomaly

25.3250, 24.0564, 41.8367

Deuteranomaly

25.5484, 24.0291, 39.3679

Tritanomaly

25.5919, 23.8327, 31.6851

Monochromacy



Original Color

27.3196, 23.9776, 39.7475

Achromatopsia

24.1572, 25.4152, 27.6772

Achromatomaly

25.1400, 24.7846, 31.8927

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.3196, 23.9776, 39.7475 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(153, 124, 167)` looks like.

```
.text, #text, p{  
    color:rgb(153, 124, 167)  
}
```

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(153, 124, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 124, 167) }
```

Border

The CSS property to change the border of an element to XYZ 27.3196, 23.9776, 39.7475 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(153, 124, 167) }
```


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

```
.border{ border-color:rgb(153, 124, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 124, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 124, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 124, 167);  
box-shadow:4px 4px 4px 4px rgb(153, 124,  
167) }
```

Background

The CSS property to change the background color of an element to XYZ 27.3196, 23.9776, 39.7475 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 124, 167) }
```

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

```
.background{ background-color: rgb(153,  
124, 167) }
```

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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