

Converting Colors

XYZ(26.9536, 23.3748, 39.3629)

Have a look what the booklet for
XYZ(26.9536, 23.3748, 39.3629)
contains.

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Color

**XYZ(26.9793, 23.4445,
39.1797)**

Conversions

Conversions Part 1

Format	Color
Hex	997AA6
RGB	153, 122, 166
RGB Percent	60%, 48%, 65%
CMY	0.4000, 0.5216, 0.3490
CMYK	0.08, 0.27, 0.00, 0.35
HSL	282°, 20%, 56%
HSV	282°, 27%, 65%
XYZ	26.9793, 23.4445, 39.1797
YIQ	136.2850, 4.3520, 20.2560

Conversions

Conversions Part 2

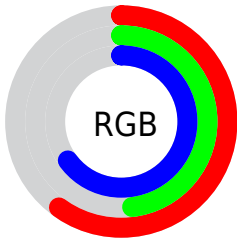
Format	Color
R _Y B	153, 122, 166
Decimal	10058406
CIE Lab	55.53, 20.29, -18.93
CIE LCh	56, 27.752, 316.989
Yxy	23.4445, 0.3011, 0.2616
Android (android.graphics.Color)	4288248486 (0xFF997AA6)
YUV	136.2850, 14.6495, 14.6591
Hunter-Lab	48.4195, 14.7258, -14.0821

Details

The XYZ color **26.9793, 23.4445, 39.1797** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **27.1416, 33.8291, 23.5126**, and the grayscale version is **23.4548, 24.6762, 26.8724**.

A 20% lighter version of the original color is **54.3935, 49.2903, 75.0537**, and **10.7866, 8.7467, 17.0394** is the 20% darker color. If you saturate the color by 10%, you get **24.2060, 19.2436, 38.5154**, and if you desaturate by 10%, it is **30.1403, 28.3633, 39.9629**.

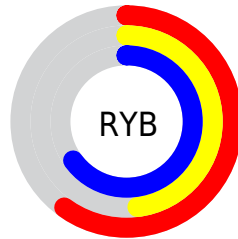
Distribution



Red (60%)

Green (48%)

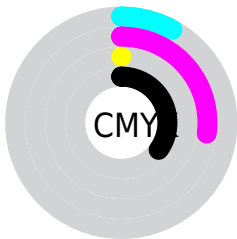
Blue (65%)



Red (60%)

Yellow (48%)

Blue (65%)

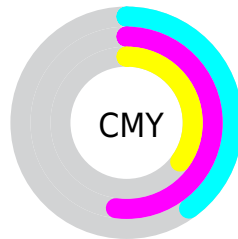


Cyan (8%)

Magenta (27%)

Yellow (0%)

Black (35%)



Cyan (40%)

Magenta (52%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.9793, 23.4445, 39.1797 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 26.9793, 23.4445, 39.1797 by changing the saturation by 10% instead.

■ 26.9793, 23.4445,
39.1797

■ 26.9793, 23.4445,
39.1797

279.7263,
269.9999, 358.1026

■ 17.6942, 14.9221,
26.5906

■ 54.2708, 49.1222,
75.1361

■ 10.8290, 8.7647,
17.0363

■ 73.0078, 67.0462,
99.3406

■ 6.0184, 4.5880,
10.0982

■ 95.6263, 88.8729,
128.2539

■ 2.8970, 2.0076,
5.3576

122.4914,
114.9866, 162.2946

■ 1.0996, 0.6119,
2.3962

153.9686,
145.7718, 201.8814

■ 0.0247, 0.0000,
0.7844

190.4233,

■ 0.0000, 0.0000,

181.6128, 247.4326

0.0000

232.2207,
222.8940, 299.3668

■ 26.9793, 23.4445,
39.1797

■ 26.9793, 23.4445,
39.1797

■ 24.2060, 19.2436,
38.5154

■ 30.1403, 28.3633,
39.9629

■ 21.8000, 15.7220,
37.9624

■ 33.7037, 34.0302,
40.8689

■ 19.7423, 12.8420,
37.5150

■ 37.6861, 40.4771,
41.9034

■ 18.0114, 10.5609,
37.1659

■ 42.1022, 47.7333,
43.0712

■ 16.5828, 8.8308,
36.9073

■ 46.9664, 55.8264,
44.3770

15.4283, 7.5959,
36.7298

52.2921, 64.7830,
45.8251

14.5083, 6.7777,
36.6203

58.0923, 74.6280,
47.4196

14.2129, 6.5319,
36.5885

64.3792, 85.3858,
49.1648

65.7065, 86.1629,
49.2448

Harmonies

Analogous

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



24.0881, 23.4445, 45.8100



26.9793, 23.4445, 39.1797



28.6754, 23.4445, 29.6070

Triad

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



26.9793, 23.4445, 39.1797



23.6657, 23.4445, 12.1486



17.0096, 23.4445, 30.9007

Complementary

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



26.9793, 23.4445, 39.1797



27.1416, 33.8291, 23.5126

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.



16.9195, 23.4445, 21.8403



26.9793, 23.4445, 39.1797



20.5710, 23.4445, 12.3382

Square

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



26.9793, 23.4445, 39.1797



26.6452, 23.4445, 14.8855



18.1665, 23.4445, 15.4836



18.4254, 23.4445, 40.3158

Rectangle

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



26.9793, 23.4445, 39.1797



28.8055, 23.4445, 23.4872



18.1665, 23.4445, 15.4836



16.8283, 23.4445, 27.6818

Sweetspot

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



26.9800, 23.4455, 39.1802



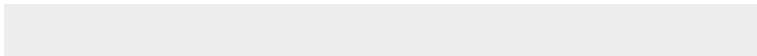
60.0537, 59.9742, 73.8863



23.6018, 24.2755, 39.5185



13.2202, 13.0717, 16.4784



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.



26.9800, 23.4455, 39.1802



45.8182, 37.7559, 70.3480



28.7890, 24.4682, 35.1940



7.6228, 7.5537, 9.4746



11.0697, 5.0901, 28.3745



0.3168, 0.1483, 0.6926

Inverse Universe

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



27.0594, 23.7763, 26.0858



46.0925, 38.5252, 41.9955



25.7462, 33.0439, 26.4239



7.6189, 7.5774, 8.3104



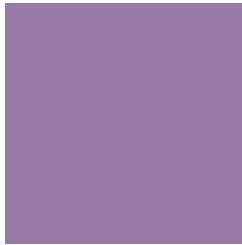
12.6436, 6.4662, 2.9350



0.3297, 0.1662, 0.1878

Previews

White Background



This preview shows how the XYZ color 26.9793, 23.4445, 39.1797 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 26.9793, 23.4445, 39.1797 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 26.9793, 23.4445, 39.1797

Background



This preview shows how black text looks on a background with the XYZ color 26.9793, 23.4445, 39.1797.



This preview shows how white text looks on a background with the XYZ color 26.9793, 23.4445,

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

26.9793, 23.4445, 39.1797

Protanopia

23.8201, 23.6572, 42.8460

Deuteranopia

23.8894, 23.3914, 38.3778



Tritanopia

24.4992, 23.3744, 26.8874

Trichromacy



Original Color

26.9793, 23.4445, 39.1797

Protanomaly

24.6477, 23.3272, 41.2337

Deuteranomaly

24.8621, 23.2986, 38.7840

Tritanomaly

25.2566, 23.2894, 31.1811

Monochromacy



Original Color

26.9793, 23.4445, 39.1797

Achromatopsia

23.4014, 24.6201, 26.8113

Achromatomaly

24.5381, 24.0900, 30.9603

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.9793, 23.4445, 39.1797 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, 122, 166)` looks like.

```
.text, #text, p{  
    color:rgb(153, 122, 166)  
}
```

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, 122, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 122, 166) }
```

Border

The CSS property to change the border of an element to XYZ 26.9793, 23.4445, 39.1797 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, 122, 166) }
```


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

```
.border{ border-color:rgb(153, 122, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 122, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(153, 122, 166); -webkit-box-shadow:4px 4px 4px 4px rgb(153, 122, 166); box-shadow:4px 4px 4px 4px rgb(153, 122, 166) }
```

Background

The CSS property to change the background color of an element to XYZ 26.9793, 23.4445, 39.1797 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 122, 166) }
```

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

```
.background{ background-color: rgb(153,  
122, 166) }
```

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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