

Converting Colors

XYZ(26.2698, 22.6032, 38.9345)

Have a look what the booklet for
XYZ(26.2698, 22.6032, 38.9345)
contains.

XYZ(26.2423, 22.5261, 39.0413)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(26.2423, 22.5261,
39.0413)**

Conversions

Conversions Part 1

Format	Color
Hex	9777A6
RGB	151, 119, 166
RGB Percent	59%, 47%, 65%
CMY	0.4078, 0.5333, 0.3490
CMYK	0.09, 0.28, 0.00, 0.35
HSL	281°, 21%, 56%
HSV	281°, 28%, 65%
XYZ	26.2423, 22.5261, 39.0413
YIQ	133.9260, 3.9850, 21.4010

Conversions

Conversions Part 2

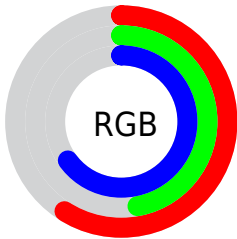
Format	Color
R_{YB}	151, 119, 166
Decimal	9926566
CIE _{Lab}	54.58, 21.35, -20.39
CIE _{LCh}	55, 29.528, 316.314
Yxy	22.5261, 0.2989, 0.2565
Android (android.graphics.Color)	4288116646 (0xFF9777A6)
YUV	133.9260, 15.8125, 14.9739
Hunter-Lab	47.4617, 15.6375, -15.5480

Details

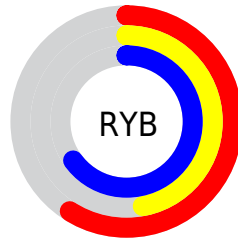
The XYZ color **26.2423, 22.5261, 39.0413** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **26.7982, 33.6732, 22.5409**, and the grayscale version is **22.5762, 23.7519, 25.8658**.

A 20% lighter version of the original color is **53.0677, 47.4681, 74.7719**, and **10.3730, 8.2479, 16.9649** is the 20% darker color. If you saturate the color by 10%, you get **23.4756, 18.4192, 38.3948**, and if you desaturate by 10%, it is **29.3997, 27.3478, 39.8059**.

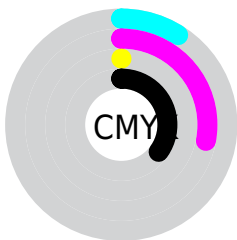
Distribution



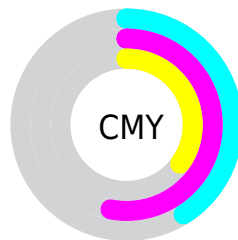
- Red (59%)
- Green (47%)
- Blue (65%)



- Red (59%)
- Yellow (47%)
- Blue (65%)



- Cyan (9%)
- Magenta (28%)
- Yellow (0%)
- Black (35%)



- Cyan (41%)
- Magenta (53%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.2423, 22.5261, 39.0413 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 26.2423, 22.5261, 39.0413 by changing the saturation by 10% instead.

■ 26.2423, 22.5261,
39.0413

■ 26.2423, 22.5261,
39.0413

276.2044,
265.2815, 357.4973

■ 17.1386, 14.2440,
26.4838

■ 53.0941, 47.6140,
74.9224

■ 10.4293, 8.2906,
16.9569

■ 71.5729, 65.1886,
99.0831

■ 5.7489, 4.2814,
10.0421

■ 93.9075, 86.6294,
127.9487

■ 2.7322, 1.8322,
5.3209

120.4632,
112.3209, 161.9375

■ 1.0138, 0.5071,
2.3748

151.6054,
142.6475, 201.4683

■ 0.0000, 0.0000,
0.7727

187.6995,

■ 0.0000, 0.0000,

177.9935, 246.9594

0.0000

229.1107,
218.7434, 298.8296

■ 26.2423, 22.5261,
39.0413

■ 26.2423, 22.5261,
39.0413

■ 23.4756, 18.4192,
38.3948

■ 29.3997, 27.3478,
39.8059

■ 21.0789, 14.9881,
37.8588

■ 32.9629, 32.9150,
40.6927

■ 19.0327, 12.1943,
37.4274

■ 36.9486, 39.2601,
41.7073

■ 17.3150, 9.9942,
37.0933

■ 41.3721, 46.4127,
42.8548

■ 15.9004, 8.3385,
36.8482

■ 46.2478, 54.4007,
44.1397

■ 14.7600, 7.1698,
36.6828

■ 51.5894, 63.2510,
45.5664

■ 13.8421, 6.3859,
36.5798

■ 57.4100, 72.9889,
47.1392

■ 13.6960, 6.2654,
36.5643

■ 63.7222, 83.6388,
48.8622

■ 66.1119, 86.3719,
49.2638

Harmonies

Analogous

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



23.2097, 22.5261, 45.9624



26.2423, 22.5261, 39.0413



28.0567, 22.5261, 28.9986

Triad

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



26.2423, 22.5261, 39.0413



22.9195, 22.5261, 10.9482



15.9673, 22.5261, 29.8919

Complementary

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



26.2423, 22.5261, 39.0413



26.7982, 33.6732, 22.5409

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.



15.9065, 22.5261, 20.5406



26.2423, 22.5261, 39.0413



19.7065, 22.5261, 11.0725

Square

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



26.2423, 22.5261, 39.0413



26.0115, 22.5261, 13.7491



17.2113, 22.5261, 14.1465



17.3866, 22.5261, 39.8359

Rectangle

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



26.2423, 22.5261, 39.0413



28.2237, 22.5261, 22.6155



17.2113, 22.5261, 14.1465



15.7926, 22.5261, 26.5434

Sweetspot

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



26.2430, 22.5271, 39.0418



59.9357, 59.9133, 73.8808



23.1090, 23.9111, 39.4741



13.1893, 13.0557, 16.4770



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.



26.2430, 22.5271, 39.0418



44.3738, 36.0260, 70.0902



28.5093, 23.7759, 35.5102



7.6056, 7.5448, 9.4738



10.6705, 4.8843, 28.3559



0.3093, 0.1444, 0.6922

Inverse Universe

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



26.6265, 23.0227, 25.5955



45.3075, 37.1492, 41.1358



25.0646, 32.7229, 25.0178



7.6261, 7.5803, 8.3482



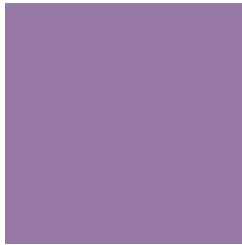
12.7118, 6.4934, 3.2940



0.3324, 0.1672, 0.2017

Previews

White Background



This preview shows how the XYZ color 26.2423, 22.5261, 39.0413 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 26.2423, 22.5261, 39.0413 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

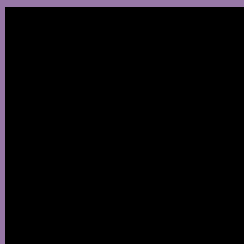
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 26.2423, 22.5261, 39.0413

Background



This preview shows how black text looks on a background with the XYZ color 26.2423, 22.5261, 39.0413.



This preview shows how white text looks on a background with the XYZ color 26.2423, 22.5261,

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

26.2423, 22.5261, 39.0413

Protanopia

23.0008, 22.6396, 42.6928

Deuteranopia

23.0242, 22.5543, 38.2619



Tritanopia

23.5609, 22.5275, 26.0281

Trichromacy



Original Color

26.2423, 22.5261, 39.0413

Protanomaly

23.9494, 22.3948, 41.0906

Deuteranomaly

24.1168, 22.5347, 38.6759

Tritanomaly

24.4840, 22.5371, 30.2538

Monochromacy



Original Color

26.2423, 22.5261, 39.0413

Achromatopsia

22.6597, 23.8398, 25.9615

Achromatomaly

23.8538, 23.3513, 30.4441

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.2423, 22.5261, 39.0413 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(151, 119, 166)` looks like.

```
.text, #text, p{  
    color:rgb(151, 119, 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(151, 119, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 119, 166) }
```

Border

The CSS property to change the border of an element to XYZ 26.2423, 22.5261, 39.0413 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(151, 119, 166) }
```


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

```
.border{ border-color:rgb(151, 119, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 119, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 119, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 119, 166);  
box-shadow:4px 4px 4px 4px rgb(151, 119,  
166) }
```

Background

The CSS property to change the background color of an element to XYZ 26.2423, 22.5261, 39.0413 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 119, 166) }
```

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

```
.background{ background-color: rgb(151,  
119, 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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