

Converting Colors

XYZ(26.4812, 23.8145, 39.3756)

Have a look what the booklet for
XYZ(26.4812, 23.8145, 39.3756)
contains.

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Color

**XYZ(26.4293, 23.7163,
39.2611)**

Conversions

Conversions Part 1

Format	Color
Hex	947DA6
RGB	148, 125, 166
RGB Percent	58%, 49%, 65%
CMY	0.4196, 0.5098, 0.3490
CMYK	0.11, 0.25, 0.00, 0.35
HSL	274°, 19%, 57%
HSV	274°, 25%, 65%
XYZ	26.4293, 23.7163, 39.2611
YIQ	136.5510, 0.5470, 17.6270

Conversions

Conversions Part 2

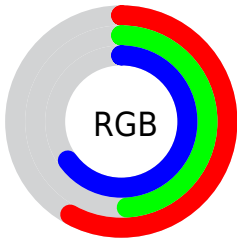
Format	Color
R _Y B	148, 125, 166
Decimal	9731494
CIE Lab	55.80, 16.86, -18.55
CIE LCh	56, 25.069, 312.256
Yxy	23.7163, 0.2956, 0.2653
Android (android.graphics.Color)	4287921574 (0xFF947DA6)
YUV	136.5510, 14.5184, 10.0408
Hunter-Lab	48.6994, 11.6486, -13.7096

Details

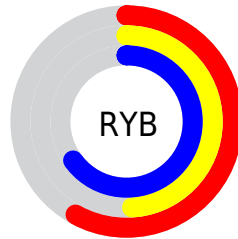
The XYZ color **26.4293, 23.7163, 39.2611** is a dark color, and the websafe version is hex **9999CC**. A complement of this color would be **28.6663, 34.5933, 24.5694**, and the grayscale version is **23.5561, 24.7829, 26.9886**.

A 20% lighter version of the original color is **53.3287, 49.6178, 75.1731**, and **10.5515, 8.9252, 17.0862** is the 20% darker color. If you saturate the color by 10%, you get **23.2240, 19.2012, 38.5589**, and if you desaturate by 10%, it is **30.0703, 28.9786, 40.0853**.

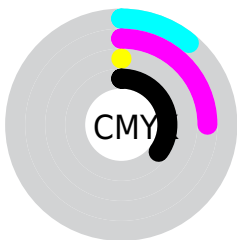
Distribution



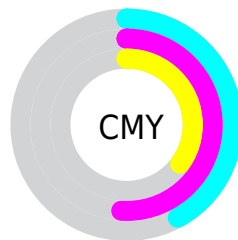
- Red (58%)
- Green (49%)
- Blue (65%)



- Red (58%)
- Yellow (49%)
- Blue (65%)



- Cyan (11%)
- Magenta (25%)
- Yellow (0%)
- Black (35%)



- Cyan (42%)
- Magenta (51%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.4293, 23.7163, 39.2611 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 26.4293, 23.7163, 39.2611 by changing the saturation by 10% instead.

■ 26.4293, 23.7163,
39.2611

■ 26.4293, 23.7163,
39.2611

277.1014,
271.3830, 358.4584

■ 17.2794, 15.1233,
26.6535

■ 53.3931, 49.5668,
75.2618

■ 10.5305, 8.9060,
17.0830

■ 71.9377, 67.5932,
99.4919

■ 5.8170, 4.6799,
10.1311

■ 94.3447, 89.5328,
128.4333

■ 2.7737, 2.0607,
5.3792

120.9793,
115.7700, 162.5045

■ 1.0353, 0.6424,
2.4089

152.2069,
146.6892, 202.1241

■ 0.0000, 0.0000,
0.7913

188.3929,

■ 0.0000, 0.0000,

182.6749, 247.7106

0.0000

229.9026,
224.1113, 299.6825

■ 26.4293, 23.7163,
39.2611

■ 26.4293, 23.7163,
39.2611

■ 23.2240, 19.2012,
38.5589

■ 30.0703, 28.9786,
40.0853

■ 20.4333, 15.3947,
37.9713

■ 34.1625, 35.0184,
41.0354

■ 18.0374, 12.2590,
37.4923

■ 38.7232, 41.8677,
42.1171

■ 16.0138, 9.7518,
37.1150

■ 43.7683, 49.5562,
43.3352

■ 14.3375, 7.8254,
36.8315

■ 49.3128, 58.1116,
44.6943

■ 12.9801, 6.4253,
36.6328

■ 55.3709, 67.5607,
46.1989

■ 11.9068, 5.4849,
36.5079

■ 61.9564, 77.9290,
47.8531

■ 11.4095, 5.0867,
36.4572

■ 68.1814, 87.4387,
49.3606

■ 70.2559, 88.5082,
49.4577

Harmonies

Analogous

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



23.7246, 23.7163, 44.3865



26.4293, 23.7163, 39.2611



28.1715, 23.7163, 30.9050

Triad

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



26.4293, 23.7163, 39.2611



24.2525, 23.7163, 13.5783



17.6014, 23.7163, 29.2985

Complementary

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



26.4293, 23.7163, 39.2611



28.6663, 34.5933, 24.5694

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.



17.7167, 23.7163, 21.3311



26.4293, 23.7163, 39.2611



21.3987, 23.7163, 13.3266

Square

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



26.4293, 23.7163, 39.2611



26.8437, 23.7163, 16.6453



19.0552, 23.7163, 15.8654



18.7256, 23.7163, 37.8737

Rectangle

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



26.4293, 23.7163, 39.2611



28.4699, 23.7163, 25.2103



19.0552, 23.7163, 15.8654



17.4993, 23.7163, 26.4456

Sweetspot

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



26.4301, 23.7173, 39.2616



60.1170, 60.7545, 74.0336



25.2314, 26.8944, 39.9380



13.3573, 13.4537, 16.5450



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.



26.4301, 23.7173, 39.2616



44.4644, 38.0811, 70.4821



29.7565, 25.4537, 38.4434



7.5192, 7.5003, 9.4697



8.9018, 3.9725, 28.2731



0.2738, 0.1262, 0.6906

Inverse Universe

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



28.0182, 24.7584, 29.2897



47.9907, 40.3872, 48.5921



25.9285, 33.1666, 25.1320



7.6628, 7.5950, 8.5415



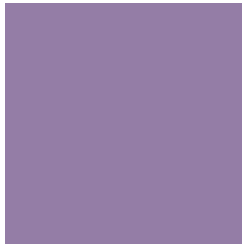
13.1468, 6.6675, 5.5848



0.3458, 0.1726, 0.2723

Previews

White Background



This preview shows how the XYZ color 26.4293, 23.7163, 39.2611 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 26.4293, 23.7163, 39.2611 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

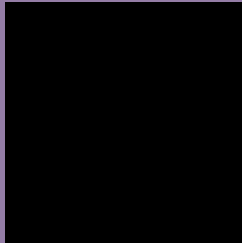
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 26.4293, 23.7163, 39.2611

Background



This preview shows how black text looks on a background with the XYZ color 26.4293, 23.7163, 39.2611.



This preview shows how white text looks on a background with the XYZ color 26.4293, 23.7163,

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

26.4293, 23.7163, 39.2611

Protanopia

23.9141, 23.7279, 41.8476

Deuteranopia

24.2679, 23.7745, 38.9072



Tritanopia

24.2179, 23.7880, 28.1261

Trichromacy



Original Color

26.4293, 23.7163, 39.2611

Protanomaly

24.6846, 23.5516, 40.7810

Deuteranomaly

24.9583, 23.7355, 38.8633

Tritanomaly

24.8210, 23.6280, 31.6862

Monochromacy



Original Color

26.4293, 23.7163, 39.2611

Achromatopsia

23.7775, 25.0158, 27.2422

Achromatomaly

24.7173, 24.5759, 31.4579

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.4293, 23.7163, 39.2611 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(148, 125, 166) looks like.

```
.text, #text, p{  
    color:rgb(148, 125, 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(148, 125, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 125, 166) }
```

Border

The CSS property to change the border of an element to XYZ 26.4293, 23.7163, 39.2611 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(148, 125, 166) }
```


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

```
.border{ border-color:rgb(148, 125, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 125, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 125, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 125, 166);  
box-shadow:4px 4px 4px 4px rgb(148, 125,  
166) }
```

Background

The CSS property to change the background color of an element to XYZ 26.4293, 23.7163, 39.2611 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 125, 166) }
```

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

```
.background{ background-color: rgb(148,  
125, 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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