

Converting Colors

XYZ(26.2241, 23.9013, 34.6837)

Have a look what the booklet for
XYZ(26.2241, 23.9013, 34.6837)
contains.

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Color

**XYZ(26.2241, 23.9013,
34.6837)**

Conversions

Conversions Part 1

Format	Color
Hex	977E9C
RGB	151, 126, 156
RGB Percent	59%, 49%, 61%
CMY	0.4078, 0.5059, 0.3882
CMYK	0.03, 0.19, 0.00, 0.39
HSL	290°, 13%, 55%
HSV	290°, 19%, 61%
XYZ	26.2241, 23.9013, 34.6837
YIQ	136.8950, 5.2700, 14.6300

Conversions

Conversions Part 2

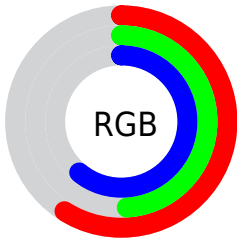
Format	Color
R_{YB}	151, 126, 156
Decimal	9928348
CIE _{Lab}	55.99, 15.21, -12.47
CIE _{LCh}	56, 19.668, 320.647
Yxy	23.9013, 0.3092, 0.2818
Android (android.graphics.Color)	4288118428 (0xFF977E9C)
YUV	136.8950, 9.4188, 12.3701
Hunter-Lab	48.8890, 10.1920, -7.8403

Details

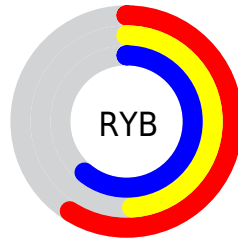
The XYZ color **26.2241, 23.9013, 34.6837** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **25.0152, 30.1091, 24.2330**, and the grayscale version is **23.7030, 24.9374, 27.1568**.

A 20% lighter version of the original color is **53.0548, 49.9225, 68.4677**, and **10.4592, 9.0370, 14.5577** is the 20% darker color. If you saturate the color by 10%, you get **23.9058, 19.9728, 34.0480**, and if you desaturate by 10%, it is **28.8656, 28.4595, 35.4247**.

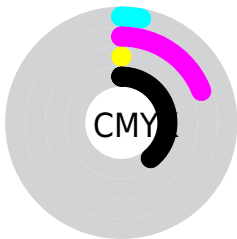
Distribution



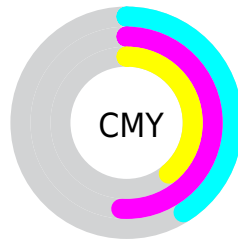
- Red (59%)
- Green (49%)
- Blue (61%)



- Red (59%)
- Yellow (49%)
- Blue (61%)



- Cyan (3%)
- Magenta (19%)
- Yellow (0%)
- Black (39%)



- Cyan (41%)
- Magenta (51%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.2241, 23.9013, 34.6837 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 26.2241, 23.9013, 34.6837 by changing the saturation by 10% instead.

■ 26.2241, 23.9013,
34.6837

■ 26.2241, 23.9013,
34.6837

276.1170,
272.3211, 338.0317

■ 17.1249, 15.2604,
23.1377

■ 53.0650, 49.8691,
68.1415

■ 10.4195, 9.0024,
14.4890

■ 71.5374, 67.9648,
90.8904

■ 5.7423, 4.7427,
8.3189

■ 93.8649, 89.9809,
118.2106

■ 2.7282, 2.0971,
4.2090

120.4130,
116.3018, 150.5208

■ 1.0117, 0.6630,
1.7407

151.5468,
147.3118, 188.2395

■ 0.0000, 0.0000,
0.3884

187.6319,

■ 0.0000, 0.0000,

183.3955, 231.7852

0.0000

229.0335,
224.9371, 281.5764

■ 26.2241, 23.9013,
34.6837

■ 26.2241, 23.9013,
34.6837

■ 23.9058, 19.9728,
34.0480

■ 28.8656, 28.4595,
35.4247

■ 21.8941, 16.6421,
33.5111

■ 31.8415, 33.6712,
36.2738

■ 20.1740, 13.8793,
33.0685

■ 35.1654, 39.5628,
37.2358

■ 18.7287, 11.6503,
32.7144

■ 38.8493, 46.1583,
38.3147

■ 17.5393, 9.9179,
32.4427

■ 42.9046, 53.4805,
39.5143

■ 16.5846, 8.6394,
32.2463

■ 47.3423, 61.5511,
40.8382

■ 15.8398, 7.7655,
32.1169

■ 52.1729, 70.3911,
42.2898

■ 15.2507, 7.1882,
32.0365

■ 57.4064, 80.0204,
43.8727

■ 15.2069, 7.1462,
32.0307

■ 59.3058, 82.9651,
44.3409

Harmonies

Analogous

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



24.2749, 23.9013, 39.4027



26.2241, 23.9013, 34.6837



27.2519, 23.9013, 28.0872

Triad

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



26.2241, 23.9013, 34.6837



23.4267, 23.9013, 15.6266



18.9102, 23.9013, 30.6350

Complementary

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



26.2241, 23.9013, 34.6837



25.0152, 30.1091, 24.2330

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.



18.7162, 23.9013, 24.0652



26.2241, 23.9013, 34.6837



21.2281, 23.9013, 16.0795

Square

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



26.2241, 23.9013, 34.6837



25.5682, 23.9013, 17.5825



19.5383, 23.9013, 18.9416



20.0870, 23.9013, 36.8107

Rectangle

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



26.2241, 23.9013, 34.6837



27.2328, 23.9013, 23.8050



19.5383, 23.9013, 18.9416



18.7311, 23.9013, 28.3777

Sweetspot

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



26.2248, 23.9023, 34.6842



54.0424, 54.5046, 64.7988



22.7222, 23.0696, 34.7081



11.8235, 11.8743, 14.2392



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



26.2248, 23.9023, 34.6842



45.7814, 40.2606, 62.4849



26.3602, 24.0659, 30.4506



6.7956, 6.6986, 8.3415



12.5506, 5.8991, 26.3844



0.2507, 0.1190, 0.4730

Inverse Universe

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



25.2687, 23.6293, 24.7029



43.7548, 39.6914, 40.9046



24.9374, 29.9907, 27.7679



6.6759, 6.6633, 7.1446



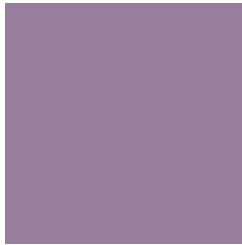
11.4559, 5.8869, 1.3858



0.2159, 0.1097, 0.0830

Previews

White Background



This preview shows how the XYZ color 26.2241, 23.9013, 34.6837 looks on a white background.

Color Contrast Check

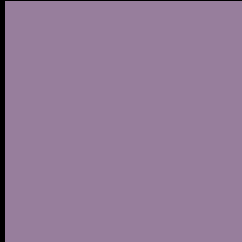
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.2241, 23.9013, 34.6837 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 26.2241, 23.9013, 34.6837

Background



This preview shows how black text looks on a background with the XYZ color 26.2241, 23.9013, 34.6837.



This preview shows how white text looks on a background with the XYZ color 26.2241, 23.9013,

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

26.2241, 23.9013, 34.6837

Protanopia

23.8738, 24.0154, 37.0954

Deuteranopia

24.5139, 24.0024, 34.3513



Tritanopia

24.9049, 23.9542, 27.7371

Trichromacy



Original Color

26.2241, 23.9013, 34.6837

Protanomaly

24.5572, 23.7868, 36.0979

Deuteranomaly

25.0943, 23.9067, 34.3022

Tritanomaly

25.4077, 23.9667, 30.0750

Monochromacy



Original Color

26.2241, 23.9013, 34.6837

Achromatopsia

23.7775, 25.0158, 27.2422

Achromatomaly

24.5769, 24.5395, 29.8268

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.2241, 23.9013, 34.6837 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, 126, 156)` looks like.

```
.text, #text, p{  
    color:rgb(151, 126, 156)  
}
```

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, 126, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 126, 156) }
```

Border

The CSS property to change the border of an element to XYZ 26.2241, 23.9013, 34.6837 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, 126, 156) }
```


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

```
.border{ border-color:rgb(151, 126, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 126, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 126, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 126, 156);  
box-shadow:4px 4px 4px 4px rgb(151, 126,  
156) }
```

Background

The CSS property to change the background color of an element to XYZ 26.2241, 23.9013, 34.6837 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 126, 156) }
```

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

```
.background{ background-color: rgb(151,  
126, 156) }
```

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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