

Converting Colors

XYZ(26.9309, 21.4907, 39.4567)

Have a look what the booklet for
XYZ(26.9309, 21.4907, 39.4567)
contains.

XYZ(26.9576, 21.5298, 39.2941)	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(26.9576, 21.5298,
39.2941)**

Conversions

Conversions Part 1

Format	Color
Hex	9F6FA7
RGB	159, 111, 167
RGB Percent	62%, 44%, 65%
CMY	0.3765, 0.5647, 0.3451
CMYK	0.05, 0.34, 0.00, 0.35
HSL	291°, 24%, 55%
HSV	291°, 34%, 65%
XYZ	26.9576, 21.5298, 39.2941
YIQ	131.7360, 10.6320, 27.5920

Conversions

Conversions Part 2

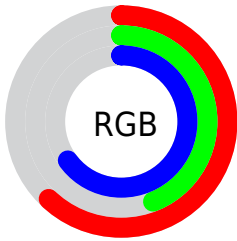
Format	Color
R_{YB}	159, 111, 167
Decimal	10448807
CIE _{Lab}	53.52, 28.84, -22.52
CIE _{LCh}	54, 36.590, 322.010
Yxy	21.5298, 0.3071, 0.2453
Android (android.graphics.Color)	4288638887 (0xFF9F6FA7)
YUV	131.7360, 17.3852, 23.9105
Hunter-Lab	46.4002, 22.5046, -17.7297

Details

The XYZ color **26.9576, 21.5298, 39.2941** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **24.2964, 32.7076, 20.0725**, and the grayscale version is **21.7745, 22.9084, 24.9473**.

A 20% lighter version of the original color is **54.0136, 45.7645, 75.0938**, and **10.8805, 7.8089, 17.1534** is the 20% darker color. If you saturate the color by 10%, you get **24.8347, 17.9790, 38.7209**, and if you desaturate by 10%, it is **29.4317, 25.7685, 39.9822**.

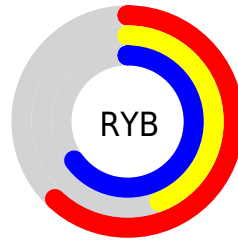
Distribution



Red (62%)

Green (44%)

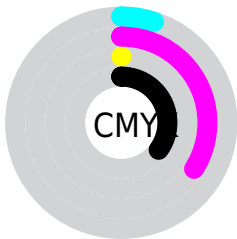
Blue (65%)



Red (62%)

Yellow (44%)

Blue (65%)

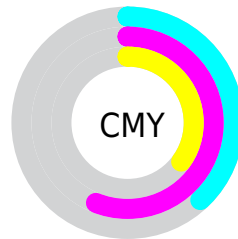


Cyan (5%)

Magenta (34%)

Yellow (0%)

Black (35%)



Cyan (38%)


Magenta (56%)


Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.9576, 21.5298, 39.2941 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 26.9576, 21.5298, 39.2941 by changing the saturation by 10% instead.

 26.9576, 21.5298,
39.2941


 26.9576, 21.5298,
39.2941


279.6231,
260.0808, 358.6025

 17.6778, 13.5118,
26.6790


 54.2362, 45.9676,
75.3127


 10.8172, 7.7819,
17.1020


 72.9657, 63.1562,
99.5532

 6.0104, 3.9557,
10.1445


 95.5758, 84.1705,
128.5060

 2.8921, 1.6488,
5.3880

 122.4319,
109.3949, 162.5896

 1.0970, 0.3902,
2.4140

153.8993,
139.2137, 202.2225

 0.0226, 0.0000,
0.7940

190.3434,

 0.0000, 0.0000,

174.0114, 247.8233

0.0000

232.1295,
214.1723, 299.8104

■ 26.9576, 21.5298,
39.2941

■ 26.9576, 21.5298,
39.2941

■ 24.8347, 17.9790,
38.7209

■ 29.4317, 25.7685,
39.9822

■ 23.0417, 15.0753,
38.2550

■ 32.2726, 30.7274,
40.7896

■ 21.5586, 12.7776,
37.8896

■ 35.4972, 36.4401,
41.7223

■ 20.3618, 11.0394,
37.6172

■ 39.1210, 42.9374,
42.7854

■ 19.4245, 9.8070,
37.4287

■ 43.1584, 50.2482,
43.9838

■ 18.7147, 9.0163,
37.3135

■ 47.6234, 58.4001,
45.3219

■ 18.3279, 8.6426,
37.2618

■ 52.5290, 67.4192,
46.8042

■ 57.8877, 77.3306,
48.4349

■ 61.6676, 84.0701,
49.5365

Harmonies

Analogous

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



23.4030, 21.5298, 49.5087



26.9576, 21.5298, 39.2941



28.8201, 21.5298, 26.5548

Triad

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



26.9576, 21.5298, 39.2941



21.5232, 21.5298, 7.9622



14.2710, 21.5298, 32.4428

Complementary

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



26.9576, 21.5298, 39.2941



24.2964, 32.7076, 20.0725

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.



13.9019, 21.5298, 20.5831



26.9576, 21.5298, 39.2941



17.7809, 21.5298, 8.6408

Square

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



26.9576, 21.5298, 39.2941



25.4327, 21.5298, 10.2675



15.1062, 21.5298, 12.5559



16.1877, 21.5298, 44.7573

Rectangle

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



26.9576, 21.5298, 39.2941



28.7055, 21.5298, 19.2532



15.1062, 21.5298, 12.5559



13.9725, 21.5298, 28.1988

Sweetspot

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



26.9583, 21.5307, 39.2946



59.6544, 58.3047, 73.5851



20.1760, 19.4595, 39.2523



13.1798, 12.7478, 16.4180



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.



26.9583, 21.5307, 39.2946



45.4832, 33.8643, 69.6145



26.9193, 21.7044, 30.5399



7.7350, 7.6115, 9.4798



14.0559, 6.6295, 28.5143



0.3698, 0.1756, 0.6951

Inverse Universe

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



24.9512, 20.9171, 20.1759



41.4455, 32.6581, 29.8820



24.4446, 32.6454, 26.3445



7.5732, 7.5591, 8.0694



12.3312, 6.3412, 1.2897



0.3127, 0.1593, 0.0980

Previews

White Background



This preview shows how the XYZ color 26.9576, 21.5298, 39.2941 looks on a white background.

Color Contrast Check

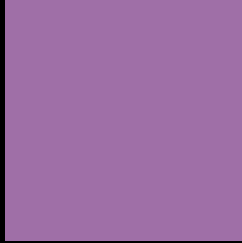
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.9576, 21.5298, 39.2941 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

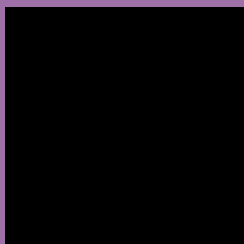
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 26.9576, 21.5298, 39.2941

Background



This preview shows how black text looks on a background with the XYZ color 26.9576, 21.5298, 39.2941.



This preview shows how white text looks on a background with the XYZ color 26.9576, 21.5298,

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

26.9576, 21.5298, 39.2941

Protanopia

22.2796, 21.6211, 45.6469

Deuteranopia

22.1877, 21.7396, 38.1487



Tritanopia

23.8195, 21.6222, 23.3401

Trichromacy



Original Color

26.9576, 21.5298, 39.2941

Protanomaly

23.6285, 21.4370, 43.4498

Deuteranomaly

23.6206, 21.5423, 38.5104

Tritanomaly

24.8382, 21.5117, 28.4342

Monochromacy



Original Color

26.9576, 21.5298, 39.2941

Achromatopsia

21.9318, 23.0740, 25.1276

Achromatomaly

23.4738, 22.2104, 29.8379

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.9576, 21.5298, 39.2941 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(159, 111, 167)` looks like.

```
.text, #text, p{  
    color:rgb(159, 111, 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(159, 111, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 111, 167) }
```

Border

The CSS property to change the border of an element to XYZ 26.9576, 21.5298, 39.2941 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(159, 111, 167) }
```


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

```
.border{ border-color:rgb(159, 111, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 111, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 111, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 111, 167);  
box-shadow:4px 4px 4px 4px rgb(159, 111,  
167) }
```

Background

The CSS property to change the background color of an element to XYZ 26.9576, 21.5298, 39.2941 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 111, 167) }
```

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

```
.background{ background-color: rgb(159,  
111, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor