

Converting Colors

XYZ(26.8667, 24.3215, 39.3549)

Have a look what the booklet for
XYZ(26.8667, 24.3215, 39.3549)
contains.

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Color

**XYZ(26.8667, 24.3215,
39.3549)**

Conversions

Conversions Part 1

Format	Color
Hex	957FA6
RGB	149, 127, 166
RGB Percent	58%, 50%, 65%
CMY	0.4157, 0.5019, 0.3490
CMYK	0.10, 0.23, 0.00, 0.35
HSL	274°, 18%, 57%
HSV	274°, 23%, 65%
XYZ	26.8667, 24.3215, 39.3549
YIQ	138.0240, 0.5930, 16.7930

Conversions

Conversions Part 2

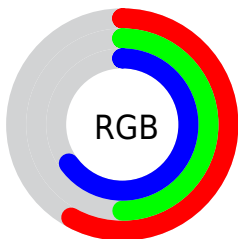
Format	Color
R_{YB}	149, 127, 166
Decimal	9797542
CIE _{Lab}	56.41, 16.04, -17.62
CIE _{LCh}	56, 23.828, 312.302
Yxy	24.3215, 0.2967, 0.2686
Android (android.graphics.Color)	4287987622 (0xFF957FA6)
YUV	138.0240, 13.7922, 9.6260
Hunter-Lab	49.3168, 10.9383, -12.7917

Details

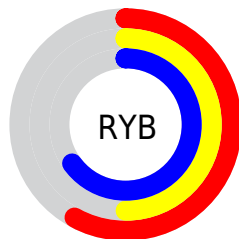
The XYZ color **26.8667, 24.3215, 39.3549** is a dark color, and the websafe version is hex **9999CC**. A complement of this color would be **28.9695, 34.7347, 25.2575**, and the grayscale version is **24.1162, 25.3721, 27.6302**.

A 20% lighter version of the original color is **54.0010, 50.5595, 75.3194**, and **10.7987, 9.2604, 17.1379** is the 20% darker color. If you saturate the color by 10%, you get **23.6176, 19.7223, 38.6388**, and if you desaturate by 10%, it is **30.5526, 29.6715, 40.1937**.

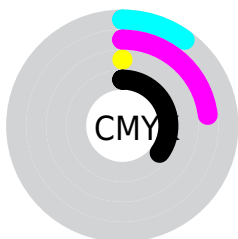
Distribution



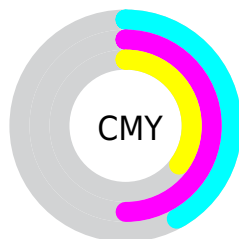
- Red (58%)
- Green (50%)
- Blue (65%)



- Red (58%)
- Yellow (50%)
- Blue (65%)



- Cyan (10%)
- Magenta (23%)
- Yellow (0%)
- Black (35%)



- Cyan (42%)
- Magenta (50%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.8667, 24.3215, 39.3549 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 26.8667, 24.3215, 39.3549 by changing the saturation by 10% instead.

■ 26.8667, 24.3215,
39.3549

■ 26.8667, 24.3215,
39.3549

279.1905,
274.4419, 358.8679

■ 17.6092, 15.5723,
26.7260

■ 54.0913, 50.5543,
75.4065

■ 10.7678, 9.2220,
17.1369

■ 72.7891, 68.8067,
99.6662

■ 5.9770, 4.8863,
10.1692

■ 95.3644, 90.9957,
128.6400

■ 2.8716, 2.1807,
5.4042

122.1825,
117.5055, 162.7463

■ 1.0863, 0.7094,
2.4235

153.6088,
148.7206, 202.4037

■ 0.0136, 0.0000,
0.7992

190.0087,

■ 0.0000, 0.0000,

185.0255, 248.0307

0.0000

231.7474,
226.8044, 300.0460

■ 26.8667, 24.3215,
39.3549

■ 26.8667, 24.3215,
39.3549

■ 23.6176, 19.7223,
38.6388

■ 30.5526, 29.6715,
40.1937

■ 20.7842, 15.8356,
38.0379

■ 34.6906, 35.8021,
41.1589

■ 18.3471, 12.6239,
37.5465

■ 39.2979, 42.7454,
42.2563

■ 16.2841, 10.0455,
37.1575

■ 44.3902, 50.5306,
43.4906

■ 14.5707, 8.0536,
36.8633

■ 49.9823, 59.1854,
44.8664

■ 13.1787, 6.5944,
36.6550

■ 56.0884, 68.7363,
46.3880

■ 12.0749, 5.6041,
36.5221

■ 62.7222, 79.2086,
48.0598

■ 11.4620, 5.1138,
36.4597

■ 68.3449, 87.5230,
49.3683

■ 70.4119, 88.5886,
49.4650

Harmonies

Analogous

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



24.2635, 24.3215, 44.2322



26.8667, 24.3215, 39.3549



28.5368, 24.3215, 31.3643

Triad

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



26.8667, 24.3215, 39.3549



24.7641, 24.3215, 14.5035



18.3200, 24.3215, 29.8461

Complementary

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



26.8667, 24.3215, 39.3549



28.9695, 34.7347, 25.2575

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.



18.4307, 24.3215, 22.1346



26.8667, 24.3215, 39.3549



22.0070, 24.3215, 14.2576

Square

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



26.8667, 24.3215, 39.3549



27.2582, 24.3215, 17.5311



19.7332, 24.3215, 16.7755



19.4178, 24.3215, 38.0551

Rectangle

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



26.8667, 24.3215, 39.3549



28.8212, 24.3215, 25.8775



19.7332, 24.3215, 16.7755



18.2197, 24.3215, 27.0958

Sweetspot

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



26.8675, 24.3225, 39.3554



60.1305, 60.7614, 74.0342



25.6931, 27.3797, 40.0074



13.3605, 13.4554, 16.5451



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.



26.8675, 24.3225, 39.3554



45.6991, 39.7789, 70.7448



30.0213, 25.9689, 38.5763



7.5214, 7.5014, 9.4698



8.9425, 3.9935, 28.2750



0.2747, 0.1266, 0.6906

Inverse Universe

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



28.3502, 25.3005, 29.7761



48.9365, 41.9093, 50.0462



26.3486, 33.3688, 25.8047



7.6618, 7.5946, 8.5364



13.1336, 6.6621, 5.5150



0.3454, 0.1724, 0.2704

Previews

White Background



This preview shows how the XYZ color 26.8667, 24.3215, 39.3549 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 26.8667, 24.3215, 39.3549 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 26.8667, 24.3215, 39.3549

Background



This preview shows how black text looks on a background with the XYZ color 26.8667, 24.3215, 39.3549.



This preview shows how white text looks on a background with the XYZ color 26.8667, 24.3215,

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

26.8667, 24.3215, 39.3549

Protanopia

24.4800, 24.4261, 41.9526

Deuteranopia

24.8743, 24.2875, 38.9742



Tritanopia

24.6758, 24.2053, 28.9627

Trichromacy



Original Color

26.8667, 24.3215, 39.3549

Protanomaly

25.1092, 24.1655, 40.8771

Deuteranomaly

25.4216, 24.1708, 38.9229

Tritanomaly

25.4226, 24.3106, 32.6307

Monochromacy



Original Color

26.8667, 24.3215, 39.3549

Achromatopsia

24.1572, 25.4152, 27.6772

Achromatomaly

25.0257, 24.9391, 31.5117

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.8667, 24.3215, 39.3549 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(149, 127, 166)` looks like.

```
.text, #text, p{  
    color:rgb(149, 127, 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(149, 127, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 127, 166) }
```

Border

The CSS property to change the border of an element to XYZ 26.8667, 24.3215, 39.3549 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(149, 127, 166) }
```


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

```
.border{ border-color:rgb(149, 127, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 127, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 127, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 127, 166);  
box-shadow:4px 4px 4px 4px rgb(149, 127,  
166) }
```

Background

The CSS property to change the background color of an element to XYZ 26.8667, 24.3215, 39.3549 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 127, 166) }
```

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

```
.background{ background-color: rgb(149,  
127, 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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