

Converting Colors

XYZ(26.3996, 21.0866, 27.0572)

Have a look what the booklet for
XYZ(26.3996, 21.0866, 27.0572)
contains.

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Color

**XYZ(26.3849, 21.0242,
27.0935)**

Conversions

Conversions Part 1

Format	Color
Hex	A96C8B
RGB	169, 108, 139
RGB Percent	66%, 42%, 55%
CMY	0.3373, 0.5765, 0.4549
CMYK	0.00, 0.36, 0.18, 0.34
HSL	330°, 26%, 54%
HSV	330°, 36%, 66%
XYZ	26.3849, 21.0242, 27.0935
YIQ	129.7730, 26.4050, 22.5730

Conversions

Conversions Part 2

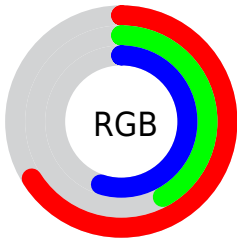
Format	Color
R _Y B	169, 108, 139
Decimal	11103371
CIE Lab	52.98, 28.86, -6.87
CIE LCh	53, 29.665, 346.607
Yxy	21.0242, 0.3541, 0.2822
Android (android.graphics.Color)	4289293451 (0xFFA96C8B)
YUV	129.7730, 4.5489, 34.4021
Hunter-Lab	45.8522, 22.4737, -2.9373

Details

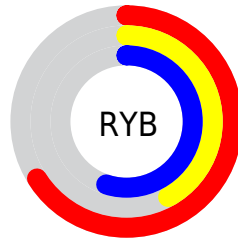
The XYZ color **26.3849, 21.0242, 27.0935** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **24.9606, 33.3996, 29.1775**, and the grayscale version is **21.1164, 22.2161, 24.1933**.

A 20% lighter version of the original color is **53.1366, 44.9549, 55.7457**, and **10.5696, 7.5622, 10.3538** is the 20% darker color. If you saturate the color by 10%, you get **24.1879, 17.5653, 23.4779**, and if you desaturate by 10%, it is **28.9748, 25.1945, 31.0684**.

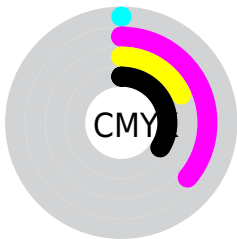
Distribution



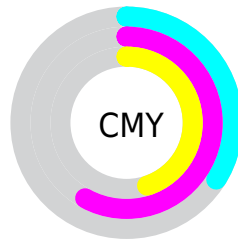
- Red (66%)
- Green (42%)
- Blue (55%)



- Red (66%)
- Yellow (42%)
- Blue (55%)



- Cyan (0%)
- Magenta (36%)
- Yellow (18%)
- Black (34%)





- Cyan (34%)
- Magenta (58%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.3849, 21.0242, 27.0935 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 26.3849, 21.0242, 27.0935 by changing the saturation by 10% instead.

 26.3849, 21.0242,
27.0935

 26.3849, 21.0242,
27.0935

276.8886,
257.4071, 301.8840


 17.2460, 13.1417,
17.4104


 53.3221, 45.1278,
56.0394


 10.5064, 7.5262,
10.3625


 71.8512, 62.1177,
76.1393

 5.8008, 3.7933,
5.5312

 94.2409, 82.9122,
100.5486

 2.7639, 1.5586,
2.4981

 120.8568,
107.8956, 129.6857

 1.0301, 0.3295,
0.8391

152.0642,
137.4524, 163.9693

 0.0000, 0.0000,
0.0000

188.2284,

171.9670, 203.8179

229.7147,
211.8238, 249.6499

■ 26.3849, 21.0242,
27.0935

■ 26.3849, 21.0242,
27.0935

■ 24.1879, 17.5653,
23.4779

■ 28.9748, 25.1945,
31.0684

■ 22.3609, 14.7744,
20.2082

■ 31.9752, 30.1105,
35.4127

■ 20.8814, 12.6079,
17.2719

■ 35.4047, 35.8078,
40.1375


■ 19.7234, 11.0155,
14.6550

■ 39.2804, 42.3189,
45.2530


■ 18.8570, 9.9394,
12.3419


■ 43.6183, 49.6744,
50.7691


 18.2425, 9.3019,
10.3135

 48.4335, 57.9033,
56.6952

 18.0372, 9.1050,
9.5857

 53.7407, 67.0332,
63.0404

 59.5536, 77.0905,
69.8133

 64.2354, 84.8003,
76.4725

Harmonies

Analogous

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



24.6522, 21.0242, 36.7927



26.3849, 21.0242, 27.0935



26.2805, 21.0242, 18.3365

Triad

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



26.3849, 21.0242, 27.0935



18.3216, 21.0242, 10.0870



16.1488, 21.0242, 37.7328

Complementary

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



26.3849, 21.0242, 27.0935



24.9606, 33.3996, 29.1775

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.



14.7814, 21.0242, 28.1452



26.3849, 21.0242, 27.0935



15.9438, 21.0242, 13.0245

Square

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



26.3849, 21.0242, 27.0935



21.4007, 21.0242, 9.9437



14.7105, 21.0242, 19.1486



18.6291, 21.0242, 43.9279

Rectangle

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



26.3849, 21.0242, 27.0935



25.1795, 21.0242, 14.1205



14.7105, 21.0242, 19.1486



15.5555, 21.0242, 34.7022

Sweetspot

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



26.3855, 21.0252, 27.0939



60.1744, 58.7426, 67.4780



22.9208, 18.9501, 39.9860



12.9450, 12.5205, 14.4716



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.



26.3855, 21.0252, 27.0939



44.1727, 32.7882, 43.4956



24.4867, 20.2657, 17.0950



7.6842, 7.6035, 8.6542



13.4701, 6.7967, 7.2870



0.3535, 0.1757, 0.3130

Inverse Universe

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



26.3855, 21.0252, 27.0939



44.1727, 32.7882, 43.4956



27.4393, 34.3910, 42.2298



7.6842, 7.6035, 8.6542



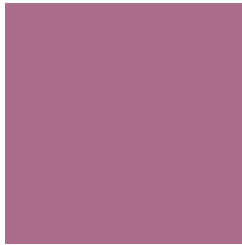
13.4701, 6.7967, 7.2870



0.3535, 0.1757, 0.3130

Previews

White Background



This preview shows how the XYZ color 26.3849, 21.0242, 27.0935 looks on a white background.

Color Contrast Check

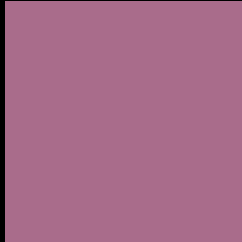
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.3849, 21.0242, 27.0935 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 26.3849, 21.0242, 27.0935

Background



This preview shows how black text looks on a background with the XYZ color 26.3849, 21.0242, 27.0935.



This preview shows how white text looks on a background with the XYZ color 26.3849, 21.0242,

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

26.3849, 21.0242, 27.0935

Protanopia

20.9919, 21.2613, 31.8516

Deuteranopia

21.5186, 21.0944, 26.2300



Tritanopia

25.0110, 20.9404, 20.4930

Trichromacy



Original Color

26.3849, 21.0242, 27.0935

Protanomaly

22.4326, 20.7579, 30.0185

Deuteranomaly

23.0264, 20.9661, 26.5001

Tritanomaly

25.5551, 21.0090, 22.7869

Monochromacy



Original Color

26.3849, 21.0242, 27.0935

Achromatopsia

21.2178, 22.3228, 24.3095

Achromatomaly

22.6948, 21.5418, 25.1521

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.3849, 21.0242, 27.0935 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(169, 108, 139)` looks like.

```
.text, #text, p{  
    color:rgb(169, 108, 139)  
}
```

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(169, 108, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 108, 139) }
```

Border

The CSS property to change the border of an element to XYZ 26.3849, 21.0242, 27.0935 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(169, 108, 139) }
```


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

```
.border{ border-color:rgb(169, 108, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 108, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 108, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 108, 139);  
box-shadow:4px 4px 4px 4px rgb(169, 108,  
139) }
```

Background

The CSS property to change the background color of an element to XYZ 26.3849, 21.0242, 27.0935 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 108, 139) }
```

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

```
.background{ background-color: rgb(169,  
108, 139) }
```

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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