

Converting Colors

XYZ(26.2954, 20.7602, 34.8002)

Have a look what the booklet for
XYZ(26.2954, 20.7602, 34.8002)
contains.

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Color

**XYZ(26.4344, 20.8751,
34.9838)**

Conversions

Conversions Part 1

Format	Color
Hex	A26C9E
RGB	162, 108, 158
RGB Percent	64%, 42%, 62%
CMY	0.3647, 0.5765, 0.3804
CMYK	0.00, 0.33, 0.02, 0.36
HSL	304°, 22%, 53%
HSV	304°, 33%, 64%
XYZ	26.4344, 20.8751, 34.9838
YIQ	129.8460, 16.1340, 26.9980

Conversions

Conversions Part 2

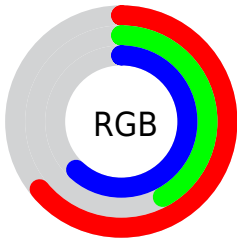
Format	Color
R_{YB}	162, 108, 158
Decimal	10644638
CIE _{Lab}	52.81, 29.77, -18.34
CIE _{LCh}	53, 34.963, 328.361
Yxy	20.8751, 0.3212, 0.2537
Android (android.graphics.Color)	4288834718 (0xFFA26C9E)
YUV	129.8460, 13.8799, 28.1991
Hunter-Lab	45.6893, 23.3183, -13.4152

Details

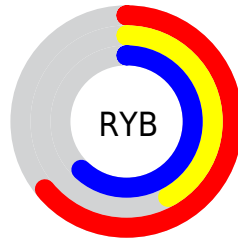
The XYZ color **26.4344, 20.8751, 34.9838** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **22.0302, 30.1993, 19.9984**, and the grayscale version is **21.1128, 22.2123, 24.1892**.

A 20% lighter version of the original color is **53.4945, 44.8511, 68.7885**, and **10.5245, 7.4407, 14.7914** is the 20% darker color. If you saturate the color by 10%, you get **24.7794, 17.7293, 33.9251**, and if you desaturate by 10%, it is **28.4092, 24.6581, 36.1545**.

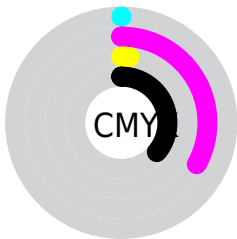
Distribution



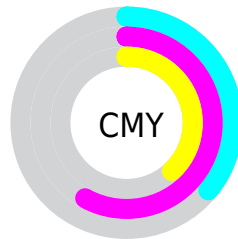
- Red (64%)
- Green (42%)
- Blue (62%)



- Red (64%)
- Yellow (42%)
- Blue (62%)



- Cyan (0%)
- Magenta (33%)
- Yellow (2%)
- Black (36%)





- Cyan (36%)
- Magenta (58%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.4344, 20.8751, 34.9838 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 26.4344, 20.8751, 34.9838 by changing the saturation by 10% instead.


 26.4344, 20.8751,
34.9838

 26.4344, 20.8751,
34.9838


277.1258,
256.6140, 339.3989


 17.2833, 13.0327,
23.3669


 53.4012, 44.8796,
68.6120


 10.5332, 7.4511,
14.6568


 71.9477, 61.8105,
91.4603

 5.8189, 3.7458,
8.4350


 94.3566, 82.5397,
118.8896

 2.7749, 1.5324,
4.2828

 120.9933,
107.4516, 151.3184

 1.0359, 0.3114,
1.7817

152.2233,
136.9305, 189.1652

 0.0000, 0.0000,
0.4159

188.4118,

 0.0000, 0.0000,

171.3610, 232.8485

0.0000

229.9242,
211.1274, 282.7869

■ 26.4344, 20.8751,
34.9838

■ 26.4344, 20.8751,
34.9838

■ 24.7794, 17.7293,
33.9251

■ 28.4092, 24.6581,
36.1545

■ 23.4247, 15.1827,
32.9713

■ 30.7180, 29.1080,
37.4413

■ 22.3514, 13.1975,
32.1162

■ 33.3768, 34.2561,
38.8498

■ 21.5381, 11.7306,
31.3527

■ 36.3996, 40.1308,
40.3846

■ 20.9600, 10.7325,
30.6725

■ 39.8000, 46.7589,
42.0504

■ 20.5876, 10.1442,
30.0658

■ 43.5906, 54.1659,
43.8513

■ 20.4055, 9.8835,
29.6860

■ 47.7837, 62.3761,
45.7913

■ 52.3909, 71.4128,
47.8745

■ 57.4232, 81.2983,
50.1045

Harmonies

Analogous

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



23.3643, 20.8751, 45.3942



26.4344, 20.8751, 34.9838



27.7137, 20.8751, 23.3089

Triad

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



26.4344, 20.8751, 34.9838



20.0425, 20.8751, 7.9789



14.2851, 20.8751, 33.6737

Complementary

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



26.4344, 20.8751, 34.9838



22.0302, 30.1993, 19.9984

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.



13.6215, 20.8751, 22.1596



26.4344, 20.8751, 34.9838



16.6912, 20.8751, 9.2358

Square

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



26.4344, 20.8751, 34.9838



23.7540, 20.8751, 9.5547



14.4469, 20.8751, 13.7340



16.3835, 20.8751, 44.4890

Rectangle

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



26.4344, 20.8751, 34.9838



27.2733, 20.8751, 16.9688



14.4469, 20.8751, 13.7340



13.8991, 20.8751, 29.6653

Sweetspot

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



26.4351, 20.8760, 34.9842



57.2123, 55.6397, 68.7505



18.5164, 16.7534, 36.4407



12.7094, 12.2253, 15.3659



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



26.4351, 20.8760, 34.9842



45.7038, 33.5473, 62.0635



24.3875, 20.0570, 24.2021



7.3416, 7.1931, 8.7852



16.0826, 7.7891, 23.4234



0.3442, 0.1662, 0.5251

Inverse Universe

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



26.4351, 20.8760, 34.9842



45.7038, 33.5473, 62.0635



23.7365, 30.8819, 28.9837



7.3416, 7.1931, 8.7852



16.0826, 7.7891, 23.4234



0.3442, 0.1662, 0.5251

Previews

White Background



This preview shows how the XYZ color 26.4344, 20.8751, 34.9838 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 26.4344, 20.8751, 34.9838 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

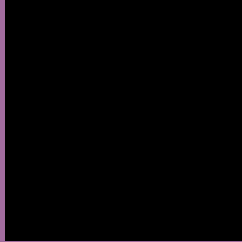
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 26.4344, 20.8751, 34.9838

Background



This preview shows how black text looks on a background with the XYZ color 26.4344, 20.8751, 34.9838.



This preview shows how white text looks on a background with the XYZ color 26.4344, 20.8751,

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

26.4344, 20.8751, 34.9838

Protanopia

21.3994, 21.0802, 40.9712

Deuteranopia

21.4362, 21.0669, 33.9469



Tritanopia

23.8694, 20.9858, 21.8614

Trichromacy



Original Color

26.4344, 20.8751, 34.9838

Protanomaly

22.8398, 20.7721, 38.8820

Deuteranomaly

22.9604, 20.7604, 34.2495

Tritanomaly

24.5362, 20.7368, 26.0020

Monochromacy



Original Color

26.4344, 20.8751, 34.9838

Achromatopsia

21.2178, 22.3228, 24.3095

Achromatomaly

22.8485, 21.5633, 27.7688

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.4344, 20.8751, 34.9838 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(162, 108, 158)` looks like.

```
.text, #text, p{  
    color:rgb(162, 108, 158)  
}
```

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(162, 108, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 108, 158) }
```

Border

The CSS property to change the border of an element to XYZ 26.4344, 20.8751, 34.9838 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(162, 108, 158) }
```


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

```
.border{ border-color:rgb(162, 108, 158) }
```

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

Here you see how a box with a 4 pixel rgb(162, 108, 158) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 108, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 108, 158);  
box-shadow:4px 4px 4px 4px rgb(162, 108,  
158) }
```

Background

The CSS property to change the background color of an element to XYZ 26.4344, 20.8751, 34.9838 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 108, 158) }
```

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

```
.background{ background-color: rgb(162,  
108, 158) }
```

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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