

Converting Colors

XYZ(32.3843, 26.3487, 40.6656)

Have a look what the booklet for
XYZ(32.3843, 26.3487, 40.6656)
contains.

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Color

**XYZ(32.2823, 26.3402,
40.4285)**

Conversions

Conversions Part 1

Format	Color
Hex	B17BA8
RGB	177, 123, 168
RGB Percent	69%, 48%, 66%
CMY	0.3059, 0.5176, 0.3412
CMYK	0.00, 0.31, 0.05, 0.31
HSL	310°, 26%, 59%
HSV	310°, 31%, 69%
XYZ	32.2823, 26.3402, 40.4285
YIQ	144.2760, 17.7390, 25.4430

Conversions

Conversions Part 2

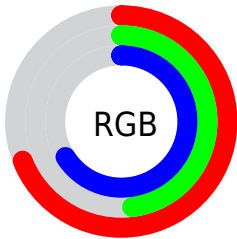
Format	Color
RYB	177, 123, 168
Decimal	11631528
CIELab	58.36, 28.34, -15.54
CIELCh	58, 32.327, 331.258
Yxy	26.3402, 0.3259, 0.2659
Android (android.graphics.Color)	4289821608 (0xFFB17BA8)
YUV	144.2760, 11.6959, 28.6989
Hunter-Lab	51.3227, 22.4629, -10.7787

Details

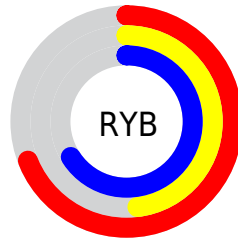
The XYZ color **32.2823, 26.3402, 40.4285** is a light color, and the websafe version is hex **996699**. A complement of this color would be **28.0565, 37.3220, 27.5565**, and the grayscale version is **26.5705, 27.9542, 30.4421**.

A 20% lighter version of the original color is **62.4489, 53.7020, 76.8861**, and **13.7033, 10.2370, 17.7767** is the 20% darker color. If you saturate the color by 10%, you get **30.0104, 22.2309, 38.3307**, and if you desaturate by 10%, it is **34.9590, 31.2483, 42.6926**.

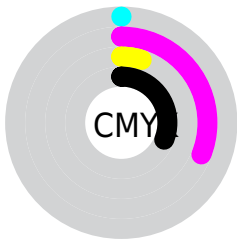
Distribution



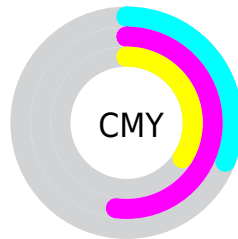
- Red (69%)
- Green (48%)
- Blue (66%)



- Red (69%)
- Yellow (48%)
- Blue (66%)



- Cyan (0%)
- Magenta (31%)
- Yellow (5%)
- Black (31%)





- Cyan (31%)
- Magenta (52%)
- Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 32.2823, 26.3402, 40.4285 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 32.2823, 26.3402, 40.4285 by changing the saturation by 10% instead.


 32.2823, 26.3402,
40.4285


 32.2823, 26.3402,
40.4285


304.1257,
284.4481, 363.5320

 21.7338, 17.0783,
27.5565


 62.6156, 53.8233,
77.0598

 13.7769, 10.2903,
17.7555


 83.1311, 72.8132,
101.6561

 8.0464, 5.5919,
10.6069


 107.6997, 95.8147,
130.9977

 4.1767, 2.5986,
5.6924

136.6866,
123.2120, 165.5029

 1.8026, 0.9259,
2.5932

170.4574,
155.3897, 205.5904

 0.5192, 0.0000,
0.8889

209.3772,

 0.0000, 0.0000,

192.7320, 251.6788

0.0000

253.8116,
235.6233, 304.1864

■ 32.2823, 26.3402,
40.4285

■ 32.2823, 26.3402,
40.4285

■ 30.0104, 22.2309,
38.3307

■ 34.9590, 31.2483,
42.6926

■ 28.1195, 18.8740,
36.3902

■ 38.0580, 36.9913,
45.1281

■ 26.5869, 16.2239,
34.5995

■ 41.5985, 43.6073,
47.7420

■ 25.3865, 14.2285,
32.9496

■ 45.5980, 51.1311,
50.5402

■ 24.4886, 12.8285,
31.4306

■ 50.0730, 59.5955,
53.5285

■ 23.8582, 11.9537,
30.0305

■ 55.0390, 69.0318,
56.7122

■ 23.4373, 11.4695,
28.7878

■ 60.5110, 79.4696,
60.0965

■ 63.3621, 84.6554,
62.6393

■ 63.6915, 84.7872,
64.3738

Harmonies

Analogous

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



29.1757, 26.3402, 51.5107



32.2823, 26.3402, 40.4285



33.3984, 26.3402, 28.2062

Triad

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



32.2823, 26.3402, 40.4285



24.8696, 26.3402, 11.9984



19.1022, 26.3402, 41.4747

Complementary

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



32.2823, 26.3402, 40.4285



28.0565, 37.3220, 27.5565

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.



18.2001, 26.3402, 29.1590



32.2823, 26.3402, 40.4285



21.3069, 26.3402, 13.8444

Square

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



32.2823, 26.3402, 40.4285



28.8578, 26.3402, 13.5534



18.9636, 26.3402, 19.4614



21.5667, 26.3402, 52.2178

Rectangle

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



32.2823, 26.3402, 40.4285



32.7799, 26.3402, 21.5112



18.9636, 26.3402, 19.4614



18.6185, 26.3402, 37.2871

Sweetspot

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



32.2831, 26.3414, 40.4291



68.9707, 67.7594, 81.4364



24.5357, 22.2472, 44.5964



14.7621, 14.3400, 17.5084



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



32.2831, 26.3414, 40.4291



54.8453, 41.7887, 69.6990



30.0231, 25.4374, 28.5280



8.7880, 8.6219, 10.3820



17.0002, 8.3176, 20.9587



0.5510, 0.2682, 0.7444

Inverse Universe

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



32.2831, 26.3414, 40.4291



54.8453, 41.7887, 69.6990



30.1495, 38.1592, 38.5782



8.7880, 8.6219, 10.3820



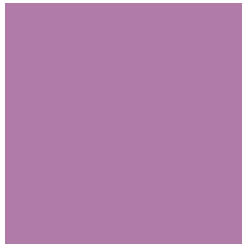
17.0002, 8.3176, 20.9587



0.5510, 0.2682, 0.7444

Previews

White Background



This preview shows how the XYZ color 32.2823, 26.3402, 40.4285 looks on a white background.

Color Contrast Check

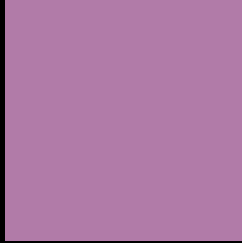
Large Text (above 18pt) WCAG AA ✓ Pass

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 32.2823, 26.3402, 40.4285 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

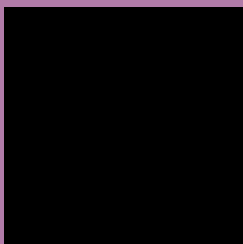
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 32.2823, 26.3402, 40.4285

Background



This preview shows how black text looks on a background with the XYZ color 32.2823, 26.3402, 40.4285.



This preview shows how white text looks on a background with the XYZ color 32.2823, 26.3402,

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

32.2823, 26.3402, 40.4285

Protanopia

26.5752, 26.4657, 46.3556

Deuteranopia

26.8925, 26.3587, 39.2677



Tritanopia

29.6713, 26.4197, 27.5804

Trichromacy



Original Color

32.2823, 26.3402, 40.4285

Protanomaly

28.1580, 26.0732, 44.1060

Deuteranomaly

28.6518, 26.2243, 39.6281

Tritanomaly

30.4697, 26.3473, 31.9134

Monochromacy



Original Color

32.2823, 26.3402, 40.4285

Achromatopsia

26.5089, 27.8894, 30.3716

Achromatomaly

28.2642, 26.9761, 33.8542

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.2823, 26.3402, 40.4285 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(177, 123, 168)` looks like.

```
.text, #text, p{  
    color:rgb(177, 123, 168)  
}
```

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(177, 123, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 123, 168) }
```

Border

The CSS property to change the border of an element to XYZ 32.2823, 26.3402, 40.4285 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(177, 123, 168) }
```


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

```
.border{ border-color:rgb(177, 123, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 123, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 123, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 123, 168);  
box-shadow:4px 4px 4px 4px rgb(177, 123,  
168) }
```

Background

The CSS property to change the background color of an element to XYZ 32.2823, 26.3402, 40.4285 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 123, 168) }
```

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

```
.background{ background-color: rgb(177,  
123, 168) }
```

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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