

Converting Colors

XYZ(34.2839, 26.6928, 38.4672)

Have a look what the booklet for
XYZ(34.2839, 26.6928, 38.4672)
contains.

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Color

**XYZ(34.2839, 26.6928,
38.4672)**

Conversions

Conversions Part 1

Format	Color
Hex	BD77A4
RGB	189, 119, 164
RGB Percent	74%, 47%, 64%
CMY	0.2588, 0.5333, 0.3569
CMYK	0.00, 0.37, 0.13, 0.26
HSL	321°, 35%, 60%
HSV	321°, 37%, 74%
XYZ	34.2839, 26.6928, 38.4672
YIQ	145.0600, 27.2750, 28.8350

Conversions

Conversions Part 2

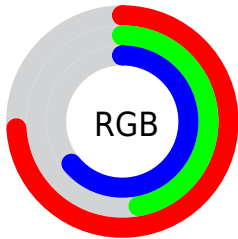
Format	Color
R_{YB}	189, 119, 164
Decimal	12416932
CIE _{Lab}	58.69, 33.99, -12.61
CIE _{LCh}	59, 36.251, 339.640
Yxy	26.6928, 0.3448, 0.2684
Android (android.graphics.Color)	4290607012 (0xFFBD77A4)
YUV	145.0600, 9.3374, 38.5354
Hunter-Lab	51.6651, 28.0351, -7.9788

Details

The XYZ color **34.2839, 26.6928, 38.4672** is a light color, and the websafe version is hex **996699**. A complement of this color would be **30.8405, 42.3315, 32.9327**, and the grayscale version is **26.8942, 28.2948, 30.8130**.

A 20% lighter version of the original color is **65.5447, 54.2124, 74.0273**, and **14.8843, 10.4944, 16.5704** is the 20% darker color. If you saturate the color by 10%, you get **31.6608, 22.3962, 34.6646**, and if you desaturate by 10%, it is **37.3882, 31.8993, 42.5904**.

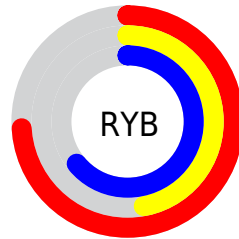
Distribution



Red (74%)

Green (47%)

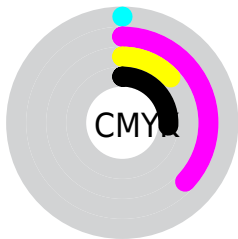
Blue (64%)



Red (74%)

Yellow (47%)

Blue (64%)

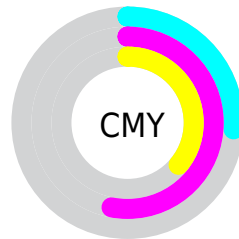


Cyan (0%)

Magenta (37%)

Yellow (13%)

Black (26%)



Cyan (26%)


Magenta (53%)


Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 34.2839, 26.6928, 38.4672 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 34.2839, 26.6928, 38.4672 by changing the saturation by 10% instead.


 34.2839, 26.6928,
38.4672


 34.2839, 26.6928,
38.4672

312.9598,
286.1666, 354.9780


 23.2757, 17.3426,
26.0409


 65.7163, 54.3905,
74.0350

 14.9190, 10.4791,
16.6282


 86.8712, 73.5069,
98.0136

 8.8485, 5.7177,
9.8106


 112.1390, 96.6474,
126.6800

 4.6988, 2.6742,
5.1696

141.8851,
124.1965, 160.4527

 2.1046, 0.9641,
2.2866

176.4749,
156.5386, 199.7503

 0.6917, 0.0000,
0.7237

216.2737,

 0.0000, 0.0000,

194.0580, 244.9914

0.0000

261.6469,
237.1393, 296.5944

■ 34.2839, 26.6928,
38.4672

■ 34.2839, 26.6928,
38.4672

■ 31.6608, 22.3962,
34.6646

■ 37.3882, 31.8993,
42.5904

■ 29.4894, 18.9524,
31.1696

■ 40.9963, 38.0612,
47.0433

■ 27.7406, 16.3033,
27.9701


■ 45.1321, 45.2252,
51.8366


■ 26.3804, 14.3823,
25.0522


■ 49.8173, 53.4340,
56.9797


■ 25.3695, 13.1115,
22.4004


■ 55.0724, 62.7277,
62.4816


 24.6537, 12.3831,
19.9937

 60.9167, 73.1443,
68.3512

 24.4681, 12.2116,
19.3167

 67.3687, 84.7199,
74.5966

 69.4018, 87.4010,
79.5445

 70.3035, 87.7617,
84.2928

Harmonies

Analogous

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



31.2406, 26.6928, 52.3589



34.2839, 26.6928, 38.4672



34.7929, 26.6928, 25.1442

Triad

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



34.2839, 26.6928, 38.4672



23.9624, 26.6928, 10.9599



19.3266, 26.6928, 47.7036

Complementary

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



34.2839, 26.6928, 38.4672



30.8405, 42.3315, 32.9327

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.



17.8245, 26.6928, 33.3712



34.2839, 26.6928, 38.4672



20.2864, 26.6928, 13.9638

Square

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



34.2839, 26.6928, 38.4672



28.4708, 26.6928, 11.5911



18.1540, 26.6928, 21.3334



22.5042, 26.6928, 58.6835

Rectangle

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



34.2839, 26.6928, 38.4672



33.5726, 26.6928, 18.5365



18.1540, 26.6928, 21.3334



18.6269, 26.6928, 42.9713

Sweetspot

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



34.2847, 26.6940, 38.4677



77.6464, 75.4617, 89.2086



27.1978, 22.7536, 51.1029



16.4815, 15.8535, 18.9338



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

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



34.2847, 26.6940, 38.4677



57.7253, 41.7651, 63.6215



31.5798, 25.6121, 24.2242



9.7814, 9.6368, 11.2376



16.5003, 8.2313, 13.1942



0.6765, 0.3345, 0.6755

Inverse Universe

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



34.2847, 26.6940, 38.4677



57.7253, 41.7651, 63.6215



33.8924, 43.5522, 49.0039



9.7814, 9.6368, 11.2376



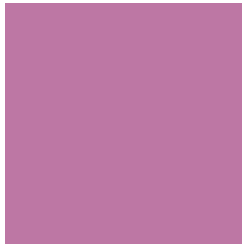
16.5003, 8.2313, 13.1942



0.6765, 0.3345, 0.6755

Previews

White Background



This preview shows how the XYZ color 34.2839, 26.6928, 38.4672 looks on a white background.

Color Contrast Check

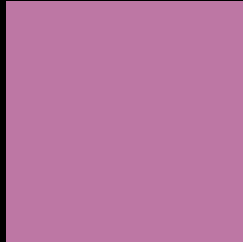
Large Text (above 18pt) WCAG AA ✓ Pass

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 34.2839, 26.6928, 38.4672 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 34.2839, 26.6928, 38.4672

Background



This preview shows how black text looks on a background with the XYZ color 34.2839, 26.6928, 38.4672.



This preview shows how white text looks on a background with the XYZ color 34.2839, 26.6928,

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

34.2839, 26.6928, 38.4672

Protanopia

26.9297, 26.8761, 45.8877

Deuteranopia

27.3756, 26.8612, 37.4601



Tritanopia

31.8864, 26.8276, 26.0519

Trichromacy



Original Color

34.2839, 26.6928, 38.4672

Protanomaly

28.9310, 26.2920, 43.0852

Deuteranomaly

29.5382, 26.5226, 37.7450

Tritanomaly

32.6873, 26.7750, 30.2334

Monochromacy



Original Color

34.2839, 26.6928, 38.4672

Achromatopsia

26.9133, 28.3149, 30.8349

Achromatomaly

29.1696, 27.4524, 33.4672

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.2839, 26.6928, 38.4672 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(189, 119, 164)` looks like.

```
.text, #text, p{  
    color:rgb(189, 119, 164)  
}
```

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(189, 119, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 119, 164) }
```

Border

The CSS property to change the border of an element to XYZ 34.2839, 26.6928, 38.4672 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(189, 119, 164) }
```


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

```
.border{ border-color:rgb(189, 119, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 119, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 119, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 119, 164);  
box-shadow:4px 4px 4px 4px rgb(189, 119,  
164) }
```

Background

The CSS property to change the background color of an element to XYZ 34.2839, 26.6928, 38.4672 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 119, 164) }
```

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

```
.background{ background-color: rgb(189,  
119, 164) }
```

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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