

Converting Colors

XYZ(32.7368, 26.8829, 34.9160)

Have a look what the booklet for
XYZ(32.7368, 26.8829, 34.9160)
contains.

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Color

**XYZ(32.7368, 26.8829,
34.9160)**

Conversions

Conversions Part 1

Format	Color
Hex	B77C9C
RGB	183, 124, 156
RGB Percent	72%, 49%, 61%
CMY	0.2824, 0.5137, 0.3882
CMYK	0.00, 0.32, 0.15, 0.28
HSL	327°, 29%, 60%
HSV	327°, 32%, 72%
XYZ	32.7368, 26.8829, 34.9160
YIQ	145.2890, 24.8920, 22.4600

Conversions

Conversions Part 2

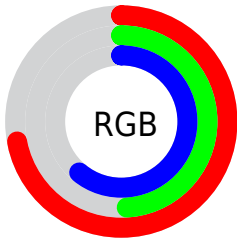
Format	Color
R_{YB}	183, 124, 156
Decimal	12024988
CIE _{Lab}	58.87, 27.79, -7.82
CIE _{LCh}	59, 28.866, 344.291
Yxy	26.8829, 0.3463, 0.2844
Android (android.graphics.Color)	4290215068 (0xFFB77C9C)
YUV	145.2890, 5.2805, 33.0725
Hunter-Lab	51.8487, 21.9680, -3.6330

Details

The XYZ color **32.7368, 26.8829, 34.9160** is a light color, and the websafe version is hex **996699**. A complement of this color would be **30.8327, 40.3871, 35.4504**, and the grayscale version is **27.0039, 28.4103, 30.9388**.

A 20% lighter version of the original color is **63.2902, 54.6227, 68.1802**, and **14.0518, 10.5846, 14.6670** is the 20% darker color. If you saturate the color by 10%, you get **29.9679, 22.4409, 30.6140**, and if you desaturate by 10%, it is **35.9818, 32.1981, 39.6186**.

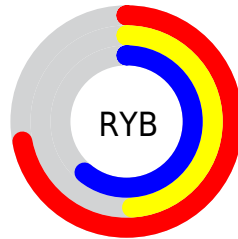
Distribution



Red (72%)

Green (49%)

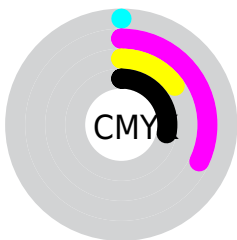
Blue (61%)



Red (72%)

Yellow (49%)

Blue (61%)

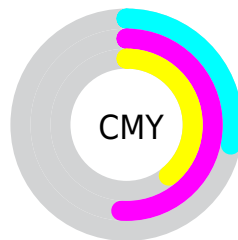


Cyan (0%)

Magenta (32%)

Yellow (15%)

Black (28%)



Cyan (28%)


Magenta (51%)


Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 32.7368, 26.8829, 34.9160 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 32.7368, 26.8829, 34.9160 by changing the saturation by 10% instead.


 32.7368, 26.8829,
34.9160


 32.7368, 26.8829,
34.9160


306.1481,
287.0897, 339.0904

 22.0832, 17.4853,
23.3151


 63.3218, 54.6959,
68.5057

 14.0350, 10.5811,
14.6189


 83.9839, 73.8801,
91.3316

 8.2269, 5.7859,
8.4087


 108.7129, 97.0953,
118.7364

 4.2935, 2.7153,
4.2661

137.8741,
124.7258, 151.1384

 1.8695, 0.9850,
1.7724

171.8328,
157.1561, 188.9562

 0.5590, 0.0000,
0.4097

210.9545,

 0.0000, 0.0000,

194.7706, 232.6085

0.0000

255.6045,
237.9537, 282.5137

■ 32.7368, 26.8829,
34.9160

■ 32.7368, 26.8829,
34.9160

■ 29.9679, 22.4409,
30.6140

■ 35.9818, 32.1981,
39.6186

■ 27.6481, 18.8208,
26.6978

■ 39.7232, 38.4266,
44.7324

■ 25.7514, 15.9718,
23.1542

■ 43.9830, 45.6108,
50.2695

■ 24.2478, 13.8355,
19.9679

■ 48.7811, 53.7888,
56.2410

■ 23.1031, 12.3455,
17.1223

■ 54.1365, 62.9972,
62.6576

■ 22.2769, 11.4224,
14.5983

■ 60.0670, 73.2704,
69.5294

■ 21.7926, 10.9730,
12.8365

■ 66.5897, 84.6412,
76.8662

■ 68.6080, 86.9151,
82.9733

■ 69.7656, 87.3781,
89.0690

Harmonies

Analogous

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



30.6449, 26.8829, 45.6973



32.7368, 26.8829, 34.9160



32.7886, 26.8829, 24.6860

Triad

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



32.7368, 26.8829, 34.9160



23.8959, 26.8829, 14.0672



20.9509, 26.8829, 45.2367

Complementary

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



32.7368, 26.8829, 34.9160



30.8327, 40.3871, 35.4504

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.



19.4661, 26.8829, 34.3910



32.7368, 26.8829, 34.9160



21.0561, 26.8829, 17.3445

Square

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



32.7368, 26.8829, 34.9160



27.4531, 26.8829, 14.1445



19.5028, 26.8829, 24.2696



23.7396, 26.8829, 52.5364

Rectangle

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



32.7368, 26.8829, 34.9160



31.6453, 26.8829, 19.5426



19.5028, 26.8829, 24.2696



20.2948, 26.8829, 41.7871

Sweetspot

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



32.7376, 26.8841, 34.9166



72.6472, 71.3453, 82.1073



28.4352, 24.3720, 48.0055



15.8201, 15.3794, 17.8367



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



32.7376, 26.8841, 34.9166



54.8792, 42.1100, 56.7601



30.5646, 26.0149, 23.4736



9.2028, 9.0915, 10.4154



15.2378, 7.6689, 9.1392



0.5680, 0.2827, 0.4846

Inverse Universe

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



32.7376, 26.8841, 34.9166



54.8792, 42.1100, 56.7601



33.4898, 41.4499, 49.4426



9.2028, 9.0915, 10.4154



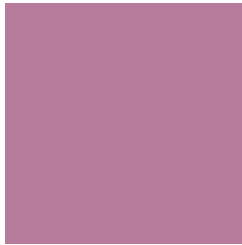
15.2378, 7.6689, 9.1392



0.5680, 0.2827, 0.4846

Previews

White Background



This preview shows how the XYZ color 32.7368, 26.8829, 34.9160 looks on a white background.

Color Contrast Check

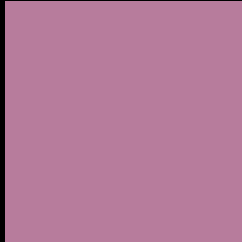
Large Text (above 18pt) WCAG AA ✓ Pass

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 32.7368, 26.8829, 34.9160 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

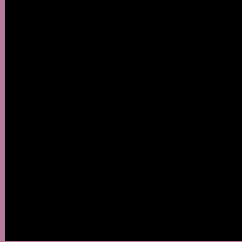
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 32.7368, 26.8829, 34.9160

Background



This preview shows how black text looks on a background with the XYZ color 32.7368, 26.8829, 34.9160.



This preview shows how white text looks on a background with the XYZ color 32.7368, 26.8829,

34.9160.

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

32.7368, 26.8829, 34.9160

Protanopia

26.8165, 27.1581, 40.3879

Deuteranopia

27.6007, 27.0562, 33.9046



Tritanopia

31.1608, 26.8086, 27.1991

Trichromacy



Original Color

32.7368, 26.8829, 34.9160

Protanomaly

28.6013, 26.8423, 38.3240

Deuteranomaly

29.3245, 26.8947, 34.2175

Tritanomaly

31.7863, 26.8804, 29.8987

Monochromacy



Original Color

32.7368, 26.8829, 34.9160

Achromatopsia

26.9133, 28.3149, 30.8349

Achromatomaly

28.6686, 27.4322, 32.2177

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.7368, 26.8829, 34.9160 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(183, 124, 156)` looks like.

```
.text, #text, p{  
    color:rgb(183, 124, 156)  
}
```

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(183, 124, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 124, 156) }
```

Border

The CSS property to change the border of an element to XYZ 32.7368, 26.8829, 34.9160 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(183, 124, 156) }
```


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

```
.border{ border-color:rgb(183, 124, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 124, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 124, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 124, 156);  
box-shadow:4px 4px 4px 4px rgb(183, 124,  
156) }
```

Background

The CSS property to change the background color of an element to XYZ 32.7368, 26.8829, 34.9160 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 124, 156) }
```

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

```
.background{ background-color: rgb(183,  
124, 156) }
```

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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