

Converting Colors

XYZ(32.5837, 26.9331, 29.0724)

Have a look what the booklet for
XYZ(32.5837, 26.9331, 29.0724)
contains.

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Color

**XYZ(32.5837, 26.9331,
29.0724)**

Conversions

Conversions Part 1

Format	Color
Hex	BB7C8E
RGB	187, 124, 142
RGB Percent	73%, 49%, 56%
CMY	0.2667, 0.5137, 0.4431
CMYK	0.00, 0.34, 0.24, 0.27
HSL	343°, 32%, 61%
HSV	343°, 34%, 73%
XYZ	32.5837, 26.9331, 29.0724
YIQ	144.8890, 31.7700, 18.9540

Conversions

Conversions Part 2

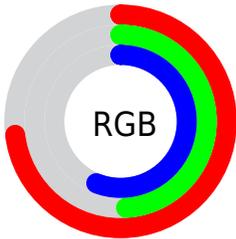
Format	Color
RYB	187, 124, 142
Decimal	12287118
CIELab	58.91, 27.04, 0.37
CIELCh	59, 27.042, 0.790
Yxy	26.9331, 0.3678, 0.3040
Android (android.graphics.Color)	4290477198 (0xFFBB7C8E)
YUV	144.8890, -1.4243, 36.9313
Hunter-Lab	51.8971, 21.2516, 3.1141

Details

The XYZ color **32.5837, 26.9331, 29.0724** is a dark color, and the websafe version is hex **CC9999**. A complement of this color would be **33.2452, 42.6911, 44.0264**, and the grayscale version is **26.8658, 28.2649, 30.7805**.

A 20% lighter version of the original color is **62.9942, 54.6629, 59.4554**, and **13.8963, 10.5758, 11.4341** is the 20% darker color. If you saturate the color by 10%, you get **29.5151, 22.3057, 23.3944**, and if you desaturate by 10%, it is **36.2184, 32.4999, 35.5327**.

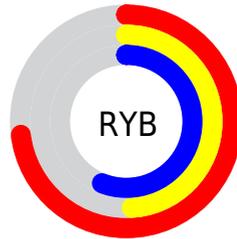
Distribution



Red (73%)

Green (49%)

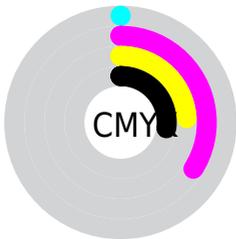
Blue (56%)



Red (73%)

Yellow (49%)

Blue (56%)

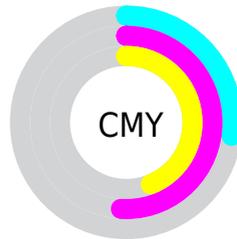


Cyan (0%)

Magenta (34%)

Yellow (24%)

Black (27%)



Cyan (27%)

Magenta (51%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.5837, 26.9331, 29.0724 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 32.5837, 26.9331, 29.0724 by changing the saturation by 10% instead.

 32.5837, 26.9331,
29.0724

 32.5837, 26.9331,
29.0724

305.4679,
287.3331, 311.6280

 21.9654, 17.5230,
18.8895

 63.0841, 54.7765,
59.2357

 13.9480, 10.6081,
11.4145

 83.6969, 73.9786,
80.0531

 8.1659, 5.8039,
6.2287

 108.3719, 97.2134,
105.2526

 4.2540, 2.7262,
2.9136

137.4745,
124.8654, 135.2525

 1.8468, 0.9905,
1.0507

171.3701,
157.3190, 170.4715

 0.5456, 0.0000,
0.0000

210.4239,

 0.0000, 0.0000,

194.9585, 211.3280

0.0000

255.0014,
238.1684, 258.2407

■ 32.5837, 26.9331,
29.0724

■ 32.5837, 26.9331,
29.0724

■ 29.5151, 22.3057,
23.3944

■ 36.2184, 32.4999,
35.5327

■ 26.9809, 18.5618,
18.4664

■ 40.4443, 39.0503,
42.8027

■ 24.9497, 15.6454,
14.2562

■ 45.2873, 46.6302,
50.9101

■ 23.3857, 13.4927,
10.7283

■ 50.7716, 55.2818,
59.8812

■ 22.2480, 12.0300,
7.8439

■ 56.9196, 65.0444,
69.7407

 21.4882, 11.1693,
5.5596

 63.7530, 75.9558,
80.5127

 21.1460, 10.8258,
4.3942

 71.2922, 88.0519,
92.2200

 73.3315, 88.9160,
102.8096

 74.3037, 89.3049,
107.9291

Harmonies

Analogous

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



31.6332, 26.9331, 39.2644



32.5837, 26.9331, 29.0724



31.5312, 26.9331, 20.8711

Triad

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



32.5837, 26.9331, 29.0724



22.4459, 26.9331, 16.1775



22.5869, 26.9331, 48.5200

Complementary

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



32.5837, 26.9331, 29.0724



33.2452, 42.6911, 44.0264

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.



20.4620, 26.9331, 39.8011



32.5837, 26.9331, 29.0724



20.3857, 26.9331, 21.2236

Square

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



32.5837, 26.9331, 29.0724



25.5106, 26.9331, 14.4943



19.6916, 26.9331, 29.5802



25.6879, 26.9331, 51.8684

Rectangle

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



32.5837, 26.9331, 29.0724



29.8840, 26.9331, 17.2435



19.6916, 26.9331, 29.5802



21.7447, 26.9331, 46.0383

Sweetspot

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



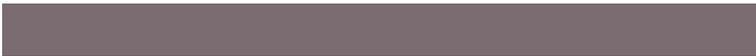
32.5845, 26.9344, 29.0729



75.3649, 74.5106, 81.6049



32.3481, 26.3404, 50.3933



16.3345, 15.9991, 17.5296



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.



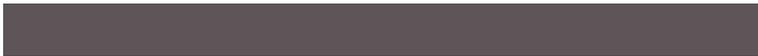
32.5845, 26.9344, 29.0729



54.4287, 42.2978, 44.8467



33.0215, 29.7991, 23.0817



9.6392, 9.5800, 10.4892



14.5971, 7.4700, 3.1718



0.6010, 0.3043, 0.2781

Inverse Universe

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



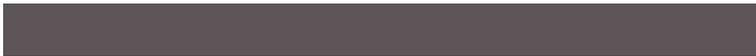
32.5845, 26.9344, 29.0729



54.4287, 42.2978, 44.8467



32.4963, 38.3008, 52.6941



9.6392, 9.5800, 10.4892



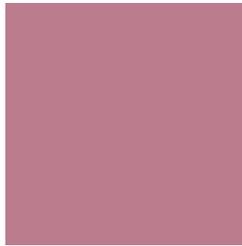
14.5971, 7.4700, 3.1718



0.6010, 0.3043, 0.2781

Previews

White Background



This preview shows how the XYZ color 32.5837, 26.9331, 29.0724 looks on a white background.

Color Contrast Check

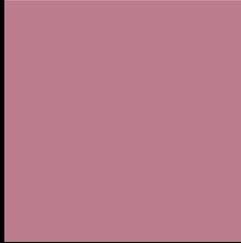
Large Text (above 18pt) WCAG AA ✓ Pass

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 32.5837, 26.9331, 29.0724 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 32.5837, 26.9331, 29.0724

Background



This preview shows how black text looks on a background with the XYZ color 32.5837, 26.9331, 29.0724.



This preview shows how white text looks on a background with the XYZ color 32.5837, 26.9331,

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

32.5837, 26.9331, 29.0724

Protanopia

26.3477, 27.0675, 33.5416

Deuteranopia

27.5839, 26.9529, 28.5595



Tritanopia

31.9565, 26.8556, 26.4210

Trichromacy



Original Color

32.5837, 26.9331, 29.0724

Protanomaly

28.1098, 26.7352, 31.6958

Deuteranomaly

29.2074, 26.7504, 28.8233

Tritanomaly

32.1708, 26.9413, 27.5494

Monochromacy



Original Color

32.5837, 26.9331, 29.0724

Achromatopsia

26.9133, 28.3149, 30.8349

Achromatomaly

28.4769, 27.3785, 30.1692

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.5837, 26.9331, 29.0724 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(187, 124, 142)` looks like.

```
.text, #text, p{  
    color:rgb(187, 124, 142)  
}
```

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(187, 124, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 124, 142) }
```

Border

The CSS property to change the border of an element to XYZ 32.5837, 26.9331, 29.0724 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(187, 124, 142) }
```

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

```
.border{ border-color:rgb(187, 124, 142) }
```

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

Here you see how a box with a 4 pixel rgb(187, 124, 142) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 124, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 124, 142);  
box-shadow:4px 4px 4px 4px rgb(187, 124,  
142) }
```

Background

The CSS property to change the background color of an element to XYZ 32.5837, 26.9331, 29.0724 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 124, 142) }
```

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

```
.background{ background-color: rgb(187,  
124, 142) }
```

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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