

Converting Colors

XYZ(32.7074, 27.1399, 27.2044)

Have a look what the booklet for
XYZ(32.7074, 27.1399, 27.2044)
contains.

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Color

**XYZ(32.8352, 27.2922,
27.2042)**

Conversions

Conversions Part 1

Format	Color
Hex	BD7D89
RGB	189, 125, 137
RGB Percent	74%, 49%, 54%
CMY	0.2588, 0.5098, 0.4627
CMYK	0.00, 0.34, 0.28, 0.26
HSL	349°, 33%, 62%
HSV	349°, 34%, 74%
XYZ	32.8352, 27.2922, 27.2042
YIQ	145.5040, 34.2920, 17.3000

Conversions

Conversions Part 2

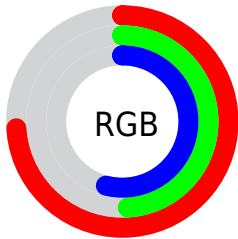
Format	Color
RYB	189, 125, 137
Decimal	12418441
CIELab	59.24, 26.51, 3.76
CIElCh	59, 26.775, 8.082
Yxy	27.2922, 0.3760, 0.3125
Android (android.graphics.Color)	4290608521 (0xFFBD7D89)
YUV	145.5040, -4.1925, 38.1460
Hunter-Lab	52.2419, 20.7678, 5.6950

Details

The XYZ color **32.8352, 27.2922, 27.2042** is a dark color, and the websafe version is hex **CC9999**. A complement of this color would be **34.5920, 43.9301, 48.2534**, and the grayscale version is **27.1262, 28.5389, 31.0789**.

A 20% lighter version of the original color is **63.2207, 55.1513, 56.0284**, and **14.0679, 10.7886, 10.3578** is the 20% darker color. If you saturate the color by 10%, you get **29.6419, 22.5449, 21.0861**, and if you desaturate by 10%, it is **36.6420, 33.0153, 34.3011**.

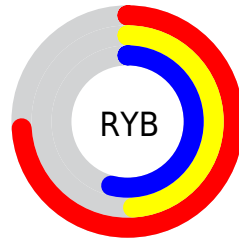
Distribution



Red (74%)

Green (49%)

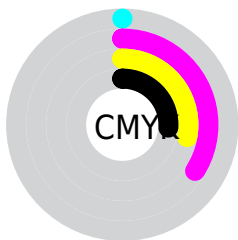
Blue (54%)



Red (74%)

Yellow (49%)

Blue (54%)

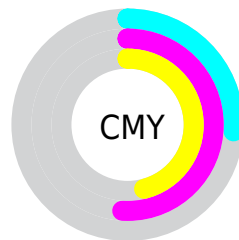


Cyan (0%)

Magenta (34%)

Yellow (28%)

Black (26%)



Cyan (26%)


Magenta (51%)


Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 32.8352, 27.2922, 27.2042 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 32.8352, 27.2922, 27.2042 by changing the saturation by 10% instead.


 32.8352, 27.2922,
27.2042


 32.8352, 27.2922,
27.2042


306.5846,
289.0691, 302.4359

 22.1589, 17.7928,
17.4929


 63.4746, 55.3524,
56.2191

 14.0909, 10.8013,
10.4208


 84.1683, 74.6820,
76.3597

 8.2661, 5.9334,
5.5696


 108.9318, 98.0571,
100.8138

 4.3189, 2.8046,
2.5207

138.1306,
125.8621, 130.0000

 1.8841, 1.0306,
0.8511

172.1299,
158.4814, 164.3367

 0.5676, 0.0000,
0.0000

211.2951,

 0.0000, 0.0000,

196.2994, 204.2426

0.0000

255.9915,
239.7005, 250.1361

■ 32.8352, 27.2922,
27.2042

■ 32.8352, 27.2922,
27.2042

■ 29.6419, 22.5449,
21.0861

■ 36.6420, 33.0153,
34.3011

■ 27.0275, 18.7150,
15.9017

■ 41.0903, 39.7606,
42.4157

■ 24.9572, 15.7442,
11.6050

■ 46.2087, 47.5760,
51.5869

■ 23.3913, 13.5653,
8.1452

■ 52.0237, 56.5053,
61.8510

■ 22.2847, 12.1017,
5.4661

■ 58.5602, 66.5900,
73.2425

■ 21.5839, 11.2607,
3.5042

■ 65.8419, 77.8692,
85.7944

■ 21.2960, 10.9427,
2.6133

■ 73.1517, 88.9010,
99.2918

■ 74.7963, 89.5588,
107.9521

Harmonies

Analogous

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



32.3687, 27.2922, 37.1275



32.8352, 27.2922, 27.2042



31.3331, 27.2922, 19.7514

Triad

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



32.8352, 27.2922, 27.2042



22.1762, 27.2922, 17.4592



23.6154, 27.2922, 50.2628

Complementary

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



32.8352, 27.2922, 27.2042



34.5920, 43.9301, 48.2534

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.



21.2050, 27.2922, 42.5709



32.8352, 27.2922, 27.2042



20.4251, 27.2922, 23.3639

Square

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



32.8352, 27.2922, 27.2042



25.0477, 27.2922, 14.9687



20.0854, 27.2922, 32.3790



26.8541, 27.2922, 51.9091

Rectangle

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



32.8352, 27.2922, 27.2042



29.4875, 27.2922, 16.6753



20.0854, 27.2922, 32.3790



22.6898, 27.2922, 48.2297

Sweetspot

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



32.8359, 27.2935, 27.2047



76.8419, 76.1623, 81.8197



34.4696, 27.5962, 51.6540



16.2549, 15.9673, 17.1103



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.



32.8359, 27.2935, 27.2047



54.2582, 42.1073, 40.0337



34.6924, 32.3079, 23.8113



9.6013, 9.5648, 10.2893



14.3499, 7.3711, 1.8705



0.5845, 0.2977, 0.1914

Inverse Universe

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



32.8359, 27.2935, 27.2047



54.2582, 42.1073, 40.0337



31.9810, 36.7096, 53.5442



9.6013, 9.5648, 10.2893



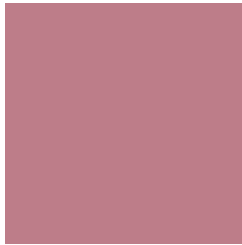
14.3499, 7.3711, 1.8705



0.5845, 0.2977, 0.1914

Previews

White Background



This preview shows how the XYZ color 32.8352, 27.2922, 27.2042 looks on a white background.

Color Contrast Check

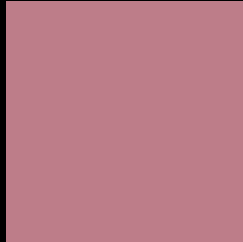
Large Text (above 18pt) WCAG AA ✓ Pass

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 32.8352, 27.2922, 27.2042 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 32.8352, 27.2922, 27.2042

Background



This preview shows how black text looks on a background with the XYZ color 32.8352, 27.2922, 27.2042.



This preview shows how white text looks on a background with the XYZ color 32.8352, 27.2922,

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

32.8352, 27.2922, 27.2042

Protanopia

26.4411, 27.3819, 31.4954

Deuteranopia

27.9589, 27.3998, 26.7368



Tritanopia

32.6931, 27.2353, 26.4555

Trichromacy



Original Color

32.8352, 27.2922, 27.2042

Protanomaly

28.2593, 27.0651, 29.7213

Deuteranomaly

29.6260, 27.2106, 26.9833

Tritanomaly

32.7638, 27.2636, 26.8281

Monochromacy



Original Color

32.8352, 27.2922, 27.2042

Achromatopsia

27.3213, 28.7441, 31.3023

Achromatomaly

28.9467, 27.8415, 29.8349

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.8352, 27.2922, 27.2042 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, 125, 137)` looks like.

```
.text, #text, p{  
    color:rgb(189, 125, 137)  
}
```

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, 125, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 125, 137) }
```

Border

The CSS property to change the border of an element to XYZ 32.8352, 27.2922, 27.2042 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, 125, 137) }
```


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

```
.border{ border-color:rgb(189, 125, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 125, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 125, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 125, 137);  
box-shadow:4px 4px 4px 4px rgb(189, 125,  
137) }
```

Background

The CSS property to change the background color of an element to XYZ 32.8352, 27.2922, 27.2042 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 125, 137) }
```

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

```
.background{ background-color: rgb(189,  
125, 137) }
```

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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