

Converting Colors

XYZ(34.2203, 27.3273, 28.7071)

Have a look what the booklet for
XYZ(34.2203, 27.3273, 28.7071)
contains.

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Color

**XYZ(34.2729, 27.4443,
28.6902)**

Conversions

Conversions Part 1

Format	Color
Hex	C37A8D
RGB	195, 122, 141
RGB Percent	76%, 48%, 55%
CMY	0.2353, 0.5215, 0.4471
CMYK	0.00, 0.37, 0.28, 0.24
HSL	344°, 38%, 62%
HSV	344°, 37%, 76%
XYZ	34.2729, 27.4443, 28.6902
YIQ	145.9930, 37.4090, 21.3850

Conversions

Conversions Part 2

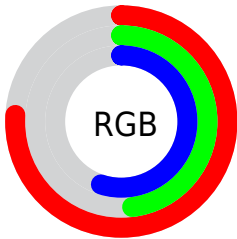
Format	Color
RYB	195, 122, 141
Decimal	12810893
CIELab	59.38, 30.96, 1.75
CIElCh	59, 31.005, 3.239
Yxy	27.4443, 0.3791, 0.3036
Android (android.graphics.Color)	4291000973 (0xFFC37A8D)
YUV	145.9930, -2.4615, 42.9791
Hunter-Lab	52.3873, 25.1007, 4.2006

Details

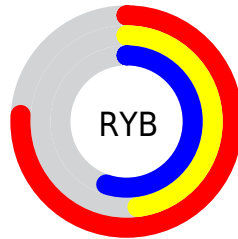
The XYZ color **34.2729, 27.4443, 28.6902** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **35.3788, 46.3030, 48.1494**, and the grayscale version is **27.3185, 28.7412, 31.2992**.

A 20% lighter version of the original color is **65.6883, 55.4827, 58.8768**, and **14.8532, 10.8790, 11.2145** is the 20% darker color. If you saturate the color by 10%, you get **31.1100, 22.7258, 22.6807**, and if you desaturate by 10%, it is **38.0575, 33.1822, 35.5974**.

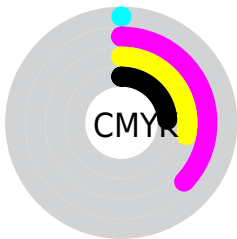
Distribution



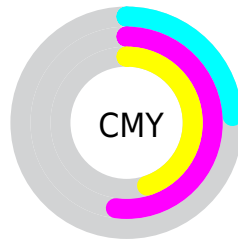
- Red (76%)
- Green (48%)
- Blue (55%)



- Red (76%)
- Yellow (48%)
- Blue (55%)



- Cyan (0%)
- Magenta (37%)
- Yellow (28%)
- Black (24%)





- Cyan (24%)
- Magenta (52%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 34.2729, 27.4443, 28.6902 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 34.2729, 27.4443, 28.6902 by changing the saturation by 10% instead.


 34.2729, 27.4443,
28.6902


 34.2729, 27.4443,
28.6902

312.9117,
289.8020, 309.7655


 23.2672, 17.9072,
18.6030


 65.6993, 55.5960,
58.6208

 14.9127, 10.8834,
11.2099

 86.8507, 74.9794,
79.3013

 8.8441, 5.9885,
6.0922


 112.1148, 98.4137,
104.3500

 4.6959, 2.8381,
2.8316

141.8568,
126.2832, 134.1855

 2.1029, 1.0478,
1.0093

176.4421,
158.9724, 169.2262

 0.6908, 0.0000,
0.0000

216.2362,

 0.0000, 0.0000,

196.8657, 209.8908

0.0000

261.6043,
240.3474, 256.5977

■ 34.2729, 27.4443,
28.6902

■ 34.2729, 27.4443,
28.6902

■ 31.1100, 22.7258,
22.6807

■ 38.0575, 33.1822,
35.5974

■ 28.5323, 18.9626,
17.5293

■ 42.4932, 39.9904,
43.4361

■ 26.5029, 16.0900,
13.1960


■ 47.6100, 47.9214,
52.2404


■ 24.9795, 14.0330,
9.6363


■ 53.4355, 57.0229,
62.0423


■ 23.9131, 12.7045,
6.8015

■ 59.9958, 67.3399,
72.8720

 23.2364, 11.9813,
4.6334

 67.3155, 78.9150,
84.7587

 23.0976, 11.8389,
4.1703

 74.2896, 89.5317,
97.3540

 76.3157, 90.3421,
108.0232

Harmonies

Analogous

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



33.3364, 27.4443, 40.5826



34.2729, 27.4443, 28.6902



32.8421, 27.4443, 19.6263

Triad

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



34.2729, 27.4443, 28.6902



22.2024, 27.4443, 15.3272



22.8652, 27.4443, 53.3326

Complementary

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



34.2729, 27.4443, 28.6902



35.3788, 46.3030, 48.1494

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.



20.3248, 27.4443, 43.2035



34.2729, 27.4443, 28.6902



19.9696, 27.4443, 21.2503

Square

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



34.2729, 27.4443, 28.6902



25.6654, 27.4443, 13.2126



19.3175, 27.4443, 31.1067



26.5091, 27.4443, 56.7219

Rectangle

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



34.2729, 27.4443, 28.6902



30.8139, 27.4443, 15.8154



19.3175, 27.4443, 31.1067



21.8664, 27.4443, 50.4973

Sweetspot

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



34.2737, 27.4456, 28.6907



81.6992, 80.2783, 87.4639



34.6100, 27.0365, 55.0242



17.6116, 17.1463, 18.6730



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



34.2737, 27.4456, 28.6907



56.6248, 42.0431, 42.3772



35.2569, 31.4835, 22.6328



10.1784, 10.1200, 11.0300



15.0420, 7.7065, 2.8670



0.6793, 0.3447, 0.2785

Inverse Universe

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



34.2737, 27.4456, 28.6907



56.6248, 42.0431, 42.3772



33.7912, 39.9061, 57.5514



10.1784, 10.1200, 11.0300



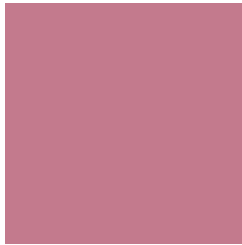
15.0420, 7.7065, 2.8670



0.6793, 0.3447, 0.2785

Previews

White Background



This preview shows how the XYZ color 34.2729, 27.4443, 28.6902 looks on a white background.

Color Contrast Check

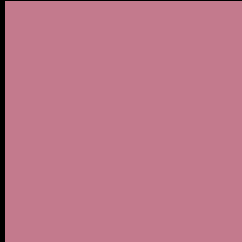
Large Text (above 18pt) WCAG AA ✓ Pass

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 34.2729, 27.4443, 28.6902 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

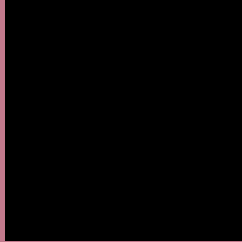
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 34.2729, 27.4443, 28.6902

Background



This preview shows how black text looks on a background with the XYZ color 34.2729, 27.4443, 28.6902.



This preview shows how white text looks on a background with the XYZ color 34.2729, 27.4443,

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

34.2729, 27.4443, 28.6902

Protanopia

26.8999, 27.7845, 34.0822

Deuteranopia

28.1181, 27.6711, 27.9038



Tritanopia

33.5647, 27.3287, 25.6962

Trichromacy



Original Color

34.2729, 27.4443, 28.6902

Protanomaly

28.9891, 27.1793, 32.1520

Deuteranomaly

30.0610, 27.4098, 28.1323

Tritanomaly

33.7750, 27.4128, 26.8036

Monochromacy



Original Color

34.2729, 27.4443, 28.6902

Achromatopsia

27.3213, 28.7441, 31.3023

Achromatomaly

29.2895, 27.7975, 30.2073

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.2729, 27.4443, 28.6902 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(195, 122, 141)` looks like.

```
.text, #text, p{  
    color:rgb(195, 122, 141)  
}
```

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(195, 122, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 122, 141) }
```

Border

The CSS property to change the border of an element to XYZ 34.2729, 27.4443, 28.6902 is called "border". The border property can be set on classes, ids or directly on the HTML element.

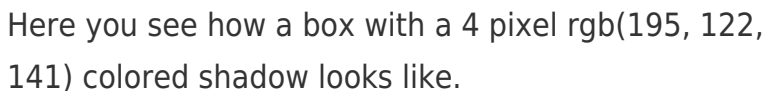
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(195, 122, 141) }
```


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

```
.border{ border-color:rgb(195, 122, 141) }
```

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



Here you see how a box with a 4 pixel `rgb(195, 122, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(195, 122, 141); -webkit-box-shadow:4px 4px 4px 4px rgb(195, 122, 141); box-shadow:4px 4px 4px 4px rgb(195, 122, 141) }
```

Background

The CSS property to change the background color of an element to XYZ 34.2729, 27.4443, 28.6902 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 122, 141) }
```

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

```
.background{ background-color: rgb(195,  
122, 141) }
```

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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