

Converting Colors

XYZ(29.8818, 22.4889, 22.2395)

Have a look what the booklet for
XYZ(29.8818, 22.4889, 22.2395)
contains.

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Color

**XYZ(29.7395, 22.4026,
22.1587)**

Conversions

Conversions Part 1

Format	Color
Hex	BD697D
RGB	189, 105, 125
RGB Percent	74%, 41%, 49%
CMY	0.2588, 0.5882, 0.5098
CMYK	0.00, 0.44, 0.34, 0.26
HSL	346°, 39%, 58%
HSV	346°, 44%, 74%
XYZ	29.7395, 22.4026, 22.1587
YIQ	132.3960, 43.6440, 24.0280

Conversions

Conversions Part 2

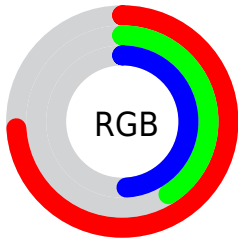
Format	Color
R_{YB}	189, 105, 125
Decimal	12413309
CIE Lab	54.45, 35.77, 3.83
CIE LCh	54, 35.978, 6.107
Yxy	22.4026, 0.4003, 0.3015
Android (android.graphics.Color)	4290603389 (0xFFBD697D)
YUV	132.3960, -3.6462, 49.6417
Hunter-Lab	47.3314, 29.3261, 5.3747

Details

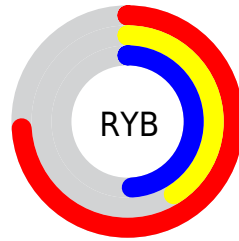
The XYZ color **29.7395, 22.4026, 22.1587** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **31.1858, 42.2636, 44.0524**, and the grayscale version is **22.0774, 23.2272, 25.2944**.

A 20% lighter version of the original color is **58.5204, 47.4022, 47.6601**, and **12.3436, 8.2407, 7.7775** is the 20% darker color. If you saturate the color by 10%, you get **27.1697, 18.6301, 17.0876**, and if you desaturate by 10%, it is **32.8717, 27.0862, 28.0758**.

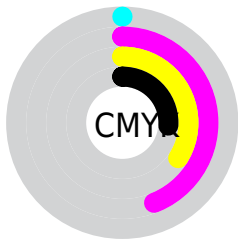
Distribution



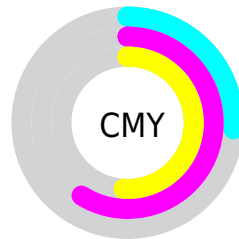
- Red (74%)
- Green (41%)
- Blue (49%)



- Red (74%)
- Yellow (41%)
- Blue (49%)



- Cyan (0%)
- Magenta (44%)
- Yellow (34%)
- Black (26%)





- Cyan (26%)
- Magenta (59%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 29.7395, 22.4026, 22.1587 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 29.7395, 22.4026, 22.1587 by changing the saturation by 10% instead.


 29.7395, 22.4026,
22.1587


 29.7395, 22.4026,
22.1587


292.6200,
264.6416, 276.3544


 19.7880, 14.1530,
13.7741


 58.6394, 47.4105,
47.9137


 12.3484, 8.2272,
7.8268


 78.3186, 64.9376,
66.1212

 7.0553, 4.2407,
3.8981


 101.9711, 86.3261,
88.4401

 3.5434, 1.8091,
1.5696

 129.9621,
111.9602, 115.2889

 1.4472, 0.4928,
0.2690

162.6572,
142.2244, 147.0863

 0.2895, 0.0000,
0.0000

200.4217,

 0.0000, 0.0000,

177.5031, 184.2506

0.0000

243.6208,
218.1807, 227.2005

■ 29.7395, 22.4026,
22.1587

■ 29.7395, 22.4026,
22.1587

■ 27.1697, 18.6301,
17.0876

■ 32.8717, 27.0862,
28.0758

■ 25.1262, 15.7058,
12.8217

■ 36.5958, 32.7318,
34.8746

■ 23.5711, 13.5639,
9.3182


■ 40.9416, 39.3905,
42.5902

■ 22.4608, 12.1276,
6.5300


■ 45.9360, 47.1086,
51.2555


■ 21.7429, 11.3040,
4.4037


■ 51.6047, 55.9300,
60.9017

 21.4598, 11.0082,
3.4756

 57.9717, 65.8956,
71.5583

 65.0598, 77.0444,
83.2540

 72.5052, 88.6424,
95.8874

 74.7331, 89.5336,
107.6195

Harmonies

Analogous

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



28.9892, 22.4026, 34.2668



29.7395, 22.4026, 22.1587



28.0114, 22.4026, 13.7196

Triad

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



29.7395, 22.4026, 22.1587



17.1373, 22.4026, 10.7375



18.3724, 22.4026, 50.0608

Complementary

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



29.7395, 22.4026, 22.1587



31.1858, 42.2636, 44.0524

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.



15.7451, 22.4026, 39.5244



29.7395, 22.4026, 22.1587



15.0959, 22.4026, 16.6248

Square

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



29.7395, 22.4026, 22.1587



20.4980, 22.4026, 8.5651



14.6195, 22.4026, 26.7719



22.1083, 22.4026, 52.9145

Rectangle

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



29.7395, 22.4026, 22.1587



25.7983, 22.4026, 10.4619



14.6195, 22.4026, 26.7719



17.3453, 22.4026, 47.1702

Sweetspot

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



29.7401, 22.4037, 22.1591



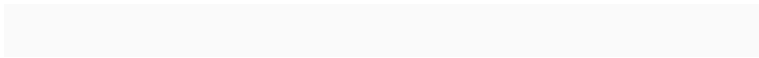
74.3662, 72.1496, 78.1008



30.3862, 22.1033, 50.8090



15.5938, 14.9024, 16.0967



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.



29.7401, 22.4037, 22.1591



48.9074, 33.7243, 31.1024



30.9977, 26.7616, 16.8977



9.6208, 9.5726, 10.3920



14.4642, 7.4169, 2.4724



0.5930, 0.3011, 0.2360

Inverse Universe

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



29.7401, 22.4037, 22.1591



48.9074, 33.7243, 31.1024



29.0145, 34.6835, 53.3095



9.6208, 9.5726, 10.3920



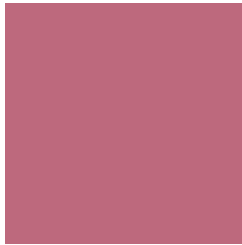
14.4642, 7.4169, 2.4724



0.5930, 0.3011, 0.2360

Previews

White Background



This preview shows how the XYZ color 29.7395, 22.4026, 22.1587 looks on a white background.

Color Contrast Check

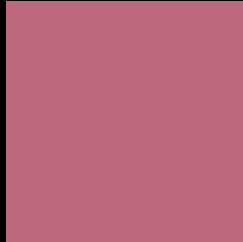
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.7395, 22.4026, 22.1587 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

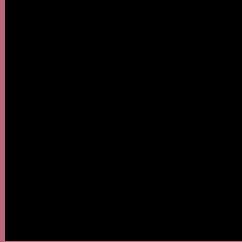
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 29.7395, 22.4026, 22.1587

Background



This preview shows how black text looks on a background with the XYZ color 29.7395, 22.4026, 22.1587.

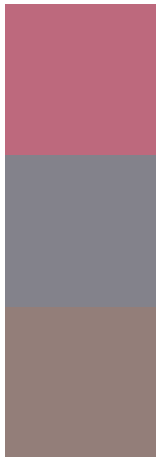


This preview shows how white text looks on a background with the XYZ color 29.7395, 22.4026,

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

29.7395, 22.4026, 22.1587

Protanopia

22.0029, 22.6546, 27.6392

Deuteranopia

22.9447, 22.5052, 21.2238



Tritanopia

29.0912, 22.4446, 19.0186

Trichromacy



Original Color

29.7395, 22.4026, 22.1587

Protanomaly

24.0893, 22.0714, 25.5448

Deuteranomaly

24.8916, 22.0434, 21.3552

Tritanomaly

29.2228, 22.3313, 20.2229

Monochromacy



Original Color

29.7395, 22.4026, 22.1587

Achromatopsia

21.9318, 23.0740, 25.1276

Achromatomaly

24.0589, 22.2764, 23.8006

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.7395, 22.4026, 22.1587 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, 105, 125)` looks like.

```
.text, #text, p{  
    color:rgb(189, 105, 125)  
}
```

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, 105, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 105, 125) }
```

Border

The CSS property to change the border of an element to XYZ 29.7395, 22.4026, 22.1587 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, 105, 125) }
```


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

```
.border{ border-color:rgb(189, 105, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 105, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 105, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 105, 125);  
box-shadow:4px 4px 4px 4px rgb(189, 105,  
125) }
```

Background

The CSS property to change the background color of an element to XYZ 29.7395, 22.4026, 22.1587 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 105, 125) }
```

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

```
.background{ background-color: rgb(189,  
105, 125) }
```

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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