

Converting Colors

XYZ(37.9093, 29.5589, 43.2669)

Have a look what the booklet for
XYZ(37.9093, 29.5589, 43.2669)
contains.

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Color

**XYZ(37.9024, 29.5547,
43.2421)**

Conversions

Conversions Part 1

Format	Color
Hex	C57DAD
RGB	197, 125, 173
RGB Percent	77%, 49%, 68%
CMY	0.2274, 0.5098, 0.3216
CMYK	0.00, 0.37, 0.12, 0.23
HSL	320°, 38%, 63%
HSV	320°, 37%, 77%
XYZ	37.9024, 29.5547, 43.2421
YIQ	152.0000, 27.5040, 30.1920

Conversions

Conversions Part 2

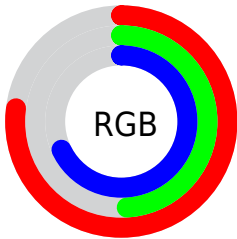
Format	Color
RYB	197, 125, 173
Decimal	12942765
CIELab	61.27, 34.97, -13.79
CIELCh	61, 37.595, 338.483
Yxy	29.5547, 0.3424, 0.2670
Android (android.graphics.Color)	4291132845 (0xFFC57DAD)
YUV	152.0000, 10.3530, 39.4650
Hunter-Lab	54.3642, 29.3117, -9.1052

Details

The XYZ color **37.9024, 29.5547, 43.2421** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **33.8498, 46.4633, 35.6201**, and the grayscale version is **29.7943, 31.3459, 34.1357**.

A 20% lighter version of the original color is **71.3637, 59.1016, 81.0453**, and **17.0553, 12.0288, 19.5120** is the 20% darker color. If you saturate the color by 10%, you get **35.0316, 24.8049, 39.2268**, and if you desaturate by 10%, it is **41.3008, 35.3089, 47.5880**.

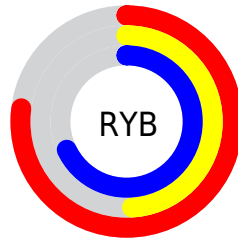
Distribution



Red (77%)

Green (49%)

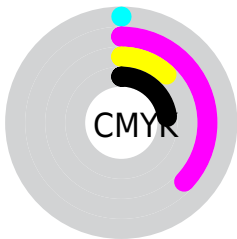
Blue (68%)



Red (77%)

Yellow (49%)

Blue (68%)

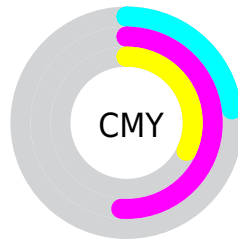


Cyan (0%)

Magenta (37%)

Yellow (12%)

Black (23%)



Cyan (23%)


Magenta (51%)


Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 37.9024, 29.5547, 43.2421 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 37.9024, 29.5547, 43.2421 by changing the saturation by 10% instead.


 37.9024, 29.5547,
43.2421


 37.9024, 29.5547,
43.2421

328.4892,
299.8233, 375.5569


 26.0838, 19.5008,
29.7423


 71.2634, 58.9572,
81.3663

 17.0194, 12.0327,
19.3927

 93.5365, 79.0747,
106.8279

 10.3437, 6.7660,
11.7747


 120.0252,
103.3155, 137.1137

 5.6914, 3.3162,
6.4698

151.0947,
132.0640, 172.6425

 2.6972, 1.2989,
3.0594

187.1106,
165.7047, 213.8326

 0.9958, 0.1404,
1.1251

228.4380,

 0.0000, 0.0000,

204.6218, 261.1027

0.0000

275.4424,
249.1999, 314.8713

■ 37.9024, 29.5547,
43.2421

■ 37.9024, 29.5547,
43.2421

■ 35.0316, 24.8049,
39.2268

■ 41.3008, 35.3089,
47.5880

■ 32.6560, 20.9965,
35.5281

■ 45.2515, 42.1175,
52.2741

■ 30.7434, 18.0655,
32.1335

■ 49.7809, 50.0321,
57.3114

■ 29.2566, 15.9386,
29.0283

■ 54.9128, 59.0996,
62.7099

■ 28.1527, 14.5301,
26.1957

■ 60.6697, 69.3645,
68.4792

■ 27.3751, 13.7282,
23.6146

■ 67.0729, 80.8684,
74.6284

■ 27.1453, 13.5181,
22.7687

■ 71.5684, 88.5033,
80.3081

■ 72.4502, 88.8560,
84.9515

■ 73.3665, 89.2226,
89.7766

Harmonies

Analogous

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



34.4360, 29.5547, 58.5637



37.9024, 29.5547, 43.2421



38.5889, 29.5547, 28.3261

Triad

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



37.9024, 29.5547, 43.2421



26.7108, 29.5547, 12.0557



21.2831, 29.5547, 52.2846

Complementary

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



37.9024, 29.5547, 43.2421



33.8498, 46.4633, 35.6201

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.



19.6936, 29.5547, 36.3686



37.9024, 29.5547, 43.2421



22.5774, 29.5547, 15.2182

Square

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



37.9024, 29.5547, 43.2421



31.7263, 29.5547, 12.9067



20.1380, 29.5547, 23.1864



24.7443, 29.5547, 64.7610

Rectangle

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



37.9024, 29.5547, 43.2421



37.3090, 29.5547, 20.8577



20.1380, 29.5547, 23.1864



20.5318, 29.5547, 46.9994

Sweetspot

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



37.9033, 29.5561, 43.2427



85.2762, 82.8031, 98.3950



29.8074, 25.0896, 56.0955



18.0146, 17.3075, 20.7953



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.



37.9033, 29.5561, 43.2427



63.6348, 45.8858, 71.5570



34.8761, 28.3452, 27.3015



10.9270, 10.7542, 12.5987



17.8946, 8.9074, 15.1869



0.8799, 0.4348, 0.8908

Inverse Universe

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



37.9033, 29.5561, 43.2427



63.6348, 45.8858, 71.5570



37.1817, 47.7960, 53.1656



10.9270, 10.7542, 12.5987



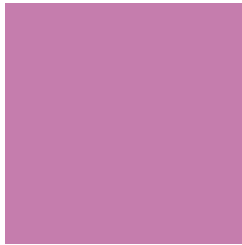
17.8946, 8.9074, 15.1869



0.8799, 0.4348, 0.8908

Previews

White Background



This preview shows how the XYZ color 37.9024, 29.5547, 43.2421 looks on a white background.

Color Contrast Check

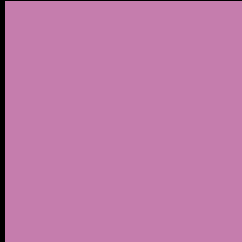
Large Text (above 18pt) WCAG AA ✓ Pass

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 37.9024, 29.5547, 43.2421 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

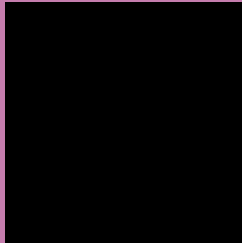
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 37.9024, 29.5547, 43.2421

Background



This preview shows how black text looks on a background with the XYZ color 37.9024, 29.5547, 43.2421.



This preview shows how white text looks on a background with the XYZ color 37.9024, 29.5547,

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

37.9024, 29.5547, 43.2421

Protanopia

29.9921, 29.9016, 51.7678

Deuteranopia

30.4237, 29.8877, 41.7015



Tritanopia

34.9163, 29.4931, 29.0518

Trichromacy



Original Color

37.9024, 29.5547, 43.2421

Protanomaly

32.0779, 29.2551, 48.7558

Deuteranomaly

32.7064, 29.5143, 42.0032

Tritanomaly

35.8482, 29.4698, 33.9358

Monochromacy



Original Color

37.9024, 29.5547, 43.2421

Achromatopsia

29.8446, 31.3989, 34.1934

Achromatomaly

32.1666, 30.2089, 37.3932

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.9024, 29.5547, 43.2421 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(197, 125, 173)` looks like.

```
.text, #text, p{  
    color:rgb(197, 125, 173)  
}
```

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(197, 125, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 125, 173) }
```

Border

The CSS property to change the border of an element to XYZ 37.9024, 29.5547, 43.2421 is called "border". The border property can be set on classes, ids or directly on the HTML element.

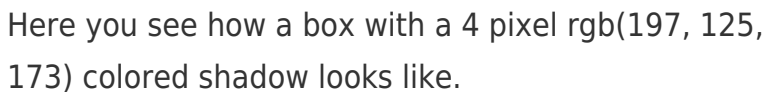
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(197, 125, 173) }
```


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

```
.border{ border-color:rgb(197, 125, 173) }
```

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



Here you see how a box with a 4 pixel `rgb(197, 125, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 125, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 125, 173);  
box-shadow:4px 4px 4px 4px rgb(197, 125,  
173) }
```

Background

The CSS property to change the background color of an element to XYZ 37.9024, 29.5547, 43.2421 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 125, 173) }
```

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

```
.background{ background-color: rgb(197,  
125, 173) }
```

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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