

Converting Colors

XYZ(37.9036, 24.3860, 29.0948)

Have a look what the booklet for
XYZ(37.9036, 24.3860, 29.0948)
contains.

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Color

**XYZ(37.9036, 24.3860,
29.0948)**

Conversions

Conversions Part 1

Format	Color
Hex	DB5A90
RGB	219, 90, 144
RGB Percent	86%, 35%, 56%
CMY	0.1412, 0.6470, 0.4353
CMYK	0.00, 0.59, 0.34, 0.14
HSL	335°, 64%, 61%
HSV	335°, 59%, 86%
XYZ	37.9036, 24.3860, 29.0948
YIQ	134.7270, 59.5500, 44.1420

Conversions

Conversions Part 2

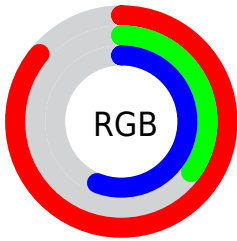
Format	Color
R _Y B	219, 90, 144
Decimal	14375568
CIE Lab	56.47, 55.65, -3.87
CIE LCh	56, 55.785, 356.025
Yxy	24.3860, 0.4148, 0.2669
Android (android.graphics.Color)	4292565648 (0xFFDB5A90)
YUV	134.7270, 4.5716, 73.9074
Hunter-Lab	49.3822, 50.5900, -0.3647

Details

The XYZ color **37.9036, 24.3860, 29.0948** is a light color, and the websafe version is hex **CC6699**. The color can be described as light muted rose. A complement of this color would be **36.3408, 55.5539, 44.4081**, and the grayscale version is **22.8971, 24.0896, 26.2336**.

A 20% lighter version of the original color is **61.5584, 45.5880, 58.9810**, and **17.0076, 9.2617, 11.4810** is the 20% darker color. If you saturate the color by 10%, you get **35.4019, 20.8533, 23.7271**, and if you desaturate by 10%, it is **41.0605, 29.0532, 35.2230**.

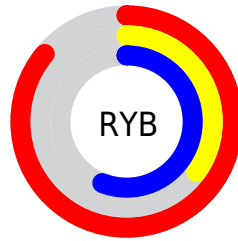
Distribution



Red (86%)

Green (35%)

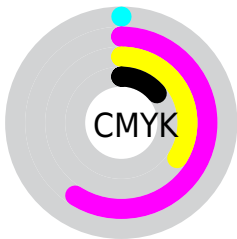
Blue (56%)



Red (86%)

Yellow (35%)

Blue (56%)

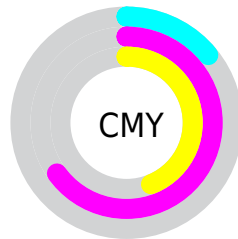


Cyan (0%)

Magenta (59%)

Yellow (34%)

Black (14%)



Cyan (14%)


Magenta (65%)


Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 37.9036, 24.3860, 29.0948 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 37.9036, 24.3860, 29.0948 by changing the saturation by 10% instead.


 37.9036, 24.3860,
29.0948


 37.9036, 24.3860,
29.0948

328.4943,
274.7662, 311.7369

 26.0848, 15.6202,
18.9064


 71.2652, 50.6594,
59.2717


 17.0201, 9.2558,
11.4265


 93.5387, 68.9357,
80.0971

 10.3442, 4.9084,
6.2367


 120.0277, 91.1511,
105.3054

 5.6918, 2.1936,
2.9184

 151.0977,
117.6898, 135.3149

 2.6974, 0.7165,
1.0531

187.1140,
148.9362, 170.5443

 0.9959, 0.0000,
0.0000

228.4420,

 0.0000, 0.0000,

185.2749, 211.4121

0.0000

275.4469,
227.0901, 258.3368

■ 37.9036, 24.3860,
29.0948

■ 37.9036, 24.3860,
29.0948

■ 35.4019, 20.8533,
23.7271

■ 41.0605, 29.0532,
35.2230

■ 33.5004, 18.3510,
19.0829

■ 44.9173, 34.9392,
42.1429

■ 32.1376, 16.7626,
15.1232

■ 49.5170, 42.1246,
49.8855

■ 31.2183, 15.9038,
11.7961

■ 54.8986, 50.6819,
58.4794

■ 31.1307, 15.8270,
11.4635

■ 61.0979, 60.6784,
67.9515

■ 68.1488, 72.1768,
78.3277

■ 76.0830, 85.2361,
89.6325

■ 81.5874, 93.2257,
100.7752

■ 83.0234, 93.8001,
108.3372

Harmonies

Analogous

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



35.0759, 24.3860, 51.7966



37.9036, 24.3860, 29.0948



36.2229, 24.3860, 13.8057

Triad

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



37.9036, 24.3860, 29.0948



18.1457, 24.3860, 5.7015



16.9083, 24.3860, 68.3095

Complementary

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



37.9036, 24.3860, 29.0948



36.3408, 55.5539, 44.4081

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.



13.7146, 24.3860, 45.4115



37.9036, 24.3860, 29.0948



14.3304, 24.3860, 11.2245

Square

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



37.9036, 24.3860, 29.0948



24.0497, 24.3860, 4.5300



12.8664, 24.3860, 24.1622



22.3279, 24.3860, 80.1755

Rectangle

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



37.9036, 24.3860, 29.0948



32.9135, 24.3860, 8.3018



12.8664, 24.3860, 24.1622



15.5810, 24.3860, 61.2472

Sweetspot

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



37.9043, 24.3873, 29.0952



78.1121, 72.5288, 83.5091



31.5684, 20.2255, 69.2579



16.2114, 14.7116, 17.0793



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.



37.9043, 24.3873, 29.0952



49.1690, 28.3443, 31.6212



35.4839, 24.6477, 12.5618



13.2810, 13.1415, 14.7409



18.5109, 9.4054, 7.0706



1.2416, 0.6263, 0.6811

Inverse Universe

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



37.9043, 24.3873, 29.0952



49.1690, 28.3443, 31.6212



40.1489, 53.5797, 75.2437



13.2810, 13.1415, 14.7409



18.5109, 9.4054, 7.0706



1.2416, 0.6263, 0.6811

Previews

White Background



This preview shows how the XYZ color 37.9036, 24.3860, 29.0948 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 37.9036, 24.3860, 29.0948 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

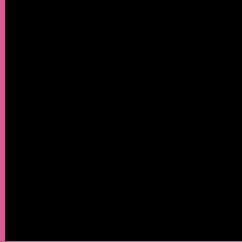
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 37.9036, 24.3860, 29.0948

Background



This preview shows how black text looks on a background with the XYZ color 37.9036, 24.3860, 29.0948.



This preview shows how white text looks on a background with the XYZ color 37.9036, 24.3860,

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

37.9036, 24.3860, 29.0948

Protanopia

24.8110, 24.7807, 43.0106

Deuteranopia

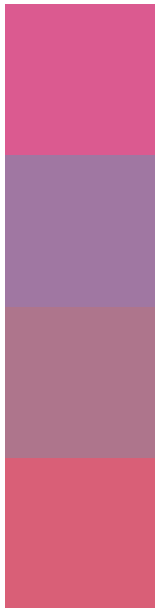
25.0515, 24.6334, 27.4791



Tritanopia

35.2364, 24.3542, 16.2083

Trichromacy



Original Color

37.9036, 24.3860, 29.0948

Protanomaly

27.6156, 23.2759, 37.2196

Deuteranomaly

28.5505, 23.6147, 27.8643

Tritanomaly

36.0373, 24.2680, 20.2376

Monochromacy



Original Color

37.9036, 24.3860, 29.0948

Achromatopsia

23.0288, 24.2281, 26.3844

Achromatomaly

26.9102, 23.1356, 27.0921

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.9036, 24.3860, 29.0948 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(219, 90, 144)` looks like.

```
.text, #text, p{  
    color:rgb(219, 90, 144)  
}
```

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(219, 90, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 90, 144) }
```

Border

The CSS property to change the border of an element to XYZ 37.9036, 24.3860, 29.0948 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(219, 90, 144) }
```


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

```
.border{ border-color:rgb(219, 90, 144) }
```

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

Here you see how a box with a 4 pixel rgb(219, 90, 144) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 90, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 90, 144);  
box-shadow:4px 4px 4px 4px rgb(219, 90,  
144) }
```

Background

The CSS property to change the background color of an element to XYZ 37.9036, 24.3860, 29.0948 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 90, 144) }
```

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

```
.background{ background-color: rgb(219, 90,  
144) }
```

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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