

Converting Colors

XYZ(41.2937, 28.9198, 34.2051)

Have a look what the booklet for
XYZ(41.2937, 28.9198, 34.2051)
contains.

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Color

**XYZ(41.3111, 28.8906,
34.4094)**

Conversions

Conversions Part 1

Format	Color
Hex	DD6E9B
RGB	221, 110, 155
RGB Percent	87%, 43%, 61%
CMY	0.1333, 0.5686, 0.3922
CMYK	0.00, 0.50, 0.30, 0.13
HSL	336°, 62%, 65%
HSV	336°, 50%, 87%
XYZ	41.3111, 28.8906, 34.4094
YIQ	148.3190, 51.7110, 37.5270

Conversions

Conversions Part 2

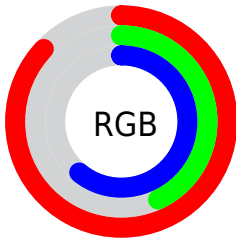
Format	Color
R _Y B	221, 110, 155
Decimal	14511771
CIE Lab	60.68, 48.21, -4.01
CIE LCh	61, 48.372, 355.241
Yxy	28.8906, 0.3949, 0.2762
Android (android.graphics.Color)	4292701851 (0xFFDD6E9B)
YUV	148.3190, 3.2937, 63.7412
Hunter-Lab	53.7500, 43.1289, -0.3310

Details

The XYZ color **41.3111, 28.8906, 34.4094** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **40.1248, 58.1632, 50.1893**, and the grayscale version is **28.2540, 29.7254, 32.3709**.

A 20% lighter version of the original color is **66.0241, 52.4144, 66.9587**, and **19.0661, 11.7123, 14.3525** is the 20% darker color. If you saturate the color by 10%, you get **38.1728, 24.2851, 28.2114**, and if you desaturate by 10%, it is **45.1657, 34.7361, 41.4393**.

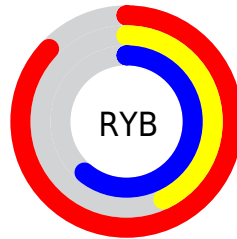
Distribution



Red (87%)

Green (43%)

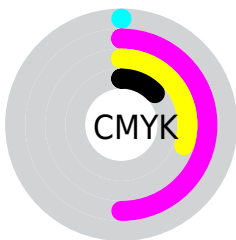
Blue (61%)



Red (87%)

Yellow (43%)

Blue (61%)

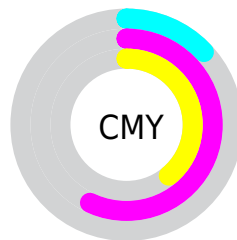


Cyan (0%)

Magenta (50%)

Yellow (30%)

Black (13%)



Cyan (13%)


Magenta (57%)


Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.3111, 28.8906, 34.4094 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 41.3111, 28.8906, 34.4094 by changing the saturation by 10% instead.


 41.3111, 28.8906,
34.4094


 41.3111, 28.8906,
34.4094

342.6596,
296.6984, 336.7784


 28.7510, 18.9981,
22.9284


 76.4277, 57.9032,
67.7110


 19.0359, 11.6689,
14.3358


 99.7148, 77.7921,
90.3686

 11.8004, 6.5186,
8.2132


 127.3084,
101.7819, 117.5889

 6.6791, 3.1629,
4.1419

 159.5737,
130.2570, 149.7903

 3.3068, 1.2174,
1.7035

196.8761,
163.6018, 187.3914

 1.3180, 0.0758,
0.3632

239.5810,

 0.1966, 0.0000,

202.2008, 230.8108

0.0000

288.0537,
246.4381, 280.4669

■ 0.0000, 0.0000,
0.0000

■ 41.3111, 28.8906,
34.4094

■ 41.3111, 28.8906,
34.4094

■ 38.1728, 24.2851,
28.2114

■ 45.1657, 34.7361,
41.4393

■ 35.6995, 20.8235,
22.8086

■ 49.7781, 41.8995,
49.3323

■ 33.8364, 18.4029,
18.1630

■ 55.1897, 50.4574,
58.1196

■ 32.5182, 16.8990,
14.2319

■ 61.4378, 60.4792,
67.8301

■ 31.6468, 16.1034,
11.0214

■ 68.5573, 72.0298,
78.4917

■ 76.5813, 85.1700,
90.1306

■ 82.3657, 93.6069,
101.7137

■ 83.6288, 94.1122,
108.3655

Harmonies

Analogous

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



38.6026, 28.8906, 55.5330



41.3111, 28.8906, 34.4094



39.8715, 28.8906, 18.9115

Triad

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



41.3111, 28.8906, 34.4094



22.6330, 28.8906, 9.4217



21.1439, 28.8906, 69.2027

Complementary

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



41.3111, 28.8906, 34.4094



40.1248, 58.1632, 50.1893

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.



17.9348, 28.8906, 48.5963



41.3111, 28.8906, 34.4094



18.6983, 28.8906, 15.5928

Square

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



41.3111, 28.8906, 34.4094



28.4721, 28.8906, 8.0697



17.1125, 28.8906, 28.6784



26.4715, 28.8906, 79.9342

Rectangle

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



41.3111, 28.8906, 34.4094



36.8532, 28.8906, 12.7581



17.1125, 28.8906, 28.6784



19.8156, 28.8906, 62.8939

Sweetspot

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



41.3119, 28.8920, 34.4099



80.5903, 76.5977, 87.0717



36.2516, 25.4591, 71.4101



16.8618, 15.7738, 18.0318



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.



41.3119, 28.8920, 34.4099



52.6942, 33.4439, 38.8106



39.2610, 29.7528, 18.4273



13.2737, 13.1386, 14.7026



18.4369, 9.3758, 6.6808



1.2364, 0.6242, 0.6539

Inverse Universe

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



41.3119, 28.8920, 34.4099



52.6942, 33.4439, 38.8106



42.9636, 55.4983, 76.8545



13.2737, 13.1386, 14.7026



18.4369, 9.3758, 6.6808



1.2364, 0.6242, 0.6539

Previews

White Background



This preview shows how the XYZ color 41.3111, 28.8906, 34.4094 looks on a white background.

Color Contrast Check

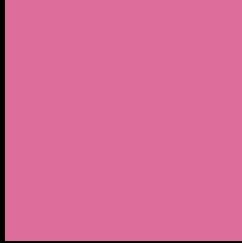
Large Text (above 18pt) WCAG AA ✓ Pass

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 41.3111, 28.8906, 34.4094 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

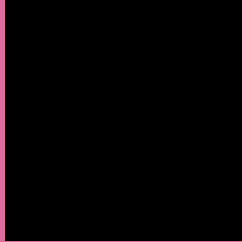
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 41.3111, 28.8906, 34.4094

Background



This preview shows how black text looks on a background with the XYZ color 41.3111, 28.8906, 34.4094.



This preview shows how white text looks on a background with the XYZ color 41.3111, 28.8906,

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

41.3111, 28.8906, 34.4094

Protanopia

29.1300, 29.3476, 46.2488

Deuteranopia

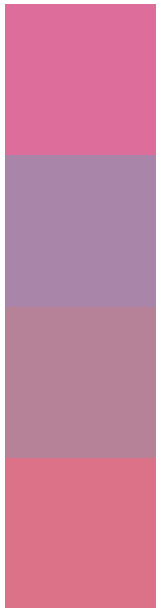
29.6752, 29.0216, 32.8918



Tritanopia

38.7969, 28.8514, 22.5928

Trichromacy



Original Color

41.3111, 28.8906, 34.4094

Protanomaly

32.0054, 28.1124, 41.7696

Deuteranomaly

32.9415, 28.1773, 33.4083

Tritanomaly

39.6039, 28.8440, 26.4018

Monochromacy



Original Color

41.3111, 28.8906, 34.4094

Achromatopsia

28.1479, 29.6138, 32.2495

Achromatomaly

31.7902, 28.3985, 33.0841

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.3111, 28.8906, 34.4094 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(221, 110, 155)` looks like.

```
.text, #text, p{  
    color:rgb(221, 110, 155)  
}
```

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(221, 110, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 110, 155) }
```

Border

The CSS property to change the border of an element to XYZ 41.3111, 28.8906, 34.4094 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(221, 110, 155) }
```


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

```
.border{ border-color:rgb(221, 110, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 110, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 110, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 110, 155);  
box-shadow:4px 4px 4px 4px rgb(221, 110,  
155) }
```

Background

The CSS property to change the background color of an element to XYZ 41.3111, 28.8906, 34.4094 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 110, 155) }
```

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

```
.background{ background-color: rgb(221,  
110, 155) }
```

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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