

Converting Colors

XYZ(41.1882, 28.7223, 39.3730)

Have a look what the booklet for
XYZ(41.1882, 28.7223, 39.3730)
contains.

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Color

**XYZ(41.0741, 28.6567,
39.4429)**

Conversions

Conversions Part 1

Format	Color
Hex	D96EA6
RGB	217, 110, 166
RGB Percent	85%, 43%, 65%
CMY	0.1490, 0.5686, 0.3490
CMYK	0.00, 0.49, 0.24, 0.15
HSL	329°, 58%, 64%
HSV	329°, 49%, 85%
XYZ	41.0741, 28.6567, 39.4429
YIQ	148.3770, 45.7960, 40.1000

Conversions

Conversions Part 2

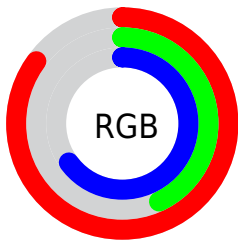
Format	Color
R _Y B	217, 110, 166
Decimal	14249638
CIE Lab	60.48, 48.37, -10.71
CIE LCh	60, 49.547, 347.512
Yxy	28.6567, 0.3762, 0.2625
Android (android.graphics.Color)	4292439718 (0xFFD96EA6)
YUV	148.3770, 8.6881, 60.1824
Hunter-Lab	53.5320, 43.2789, -6.2131

Details

The XYZ color **41.0741, 28.6567, 39.4429** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **37.6776, 55.5147, 42.4503**, and the grayscale version is **28.2580, 29.7296, 32.3756**.

A 20% lighter version of the original color is **67.5666, 53.0314, 75.0815**, and **18.9976, 11.6147, 17.1602** is the 20% darker color. If you saturate the color by 10%, you get **38.1020, 24.1702, 33.9577**, and if you desaturate by 10%, it is **44.6974, 34.3229, 45.5223**.

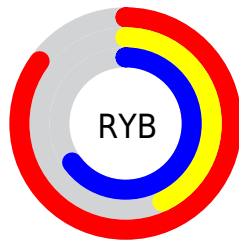
Distribution



Red (85%)

Green (43%)

Blue (65%)



Red (85%)

Yellow (43%)

Blue (65%)

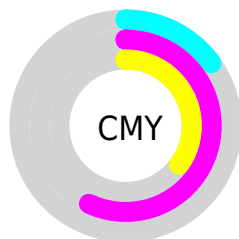


Cyan (0%)

Magenta (49%)

Yellow (24%)

Black (15%)



Cyan (15%)

Magenta (57%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.0741, 28.6567, 39.4429 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 41.0741, 28.6567, 39.4429 by changing the saturation by 10% instead.

41.0741, 28.6567,
39.4429

41.0741, 28.6567,
39.4429

341.6875,
295.5917, 359.2519

28.5649, 18.8213,
26.7940

76.0704, 57.5312,
75.5422

18.8946, 11.5412,
17.1875

99.2882, 77.3391,
99.8297

11.6977, 6.4321,
10.2049

126.8062,
101.2399, 128.8337

6.6089, 3.1096,
5.4276

158.9898,
129.6180, 162.9729

3.2629, 1.1892,
2.4372

196.2044,
162.8579, 202.6658

1.2943, 0.0529,
0.8066

238.8153,

0.1789, 0.0000,

201.3438, 248.3309

0.0000

287.1879,
245.4603, 300.3867

■ 0.0000, 0.0000,
0.0000

■ 41.0741, 28.6567,
39.4429

■ 41.0741, 28.6567,
39.4429

■ 38.1020, 24.1702,
33.9577

■ 44.6974, 34.3229,
45.5223

■ 35.7343, 20.7734,
29.0414

■ 49.0094, 41.2418,
52.2160

■ 33.9213, 18.3698,
24.6686


■ 54.0476, 49.4856,
59.5451


■ 32.6038, 16.8439,
20.8101


■ 59.8460, 59.1196,
67.5289


■ 31.6851, 16.0058,
17.4238


■ 66.4362, 70.2047,
76.1857

 31.6280, 15.9568,
17.2033

 73.8483, 82.7982,
85.5330

 79.8676, 92.4686,
94.8400

 81.4350, 93.0956,
103.0941

 82.4254, 93.4918,
108.3092

Harmonies

Analogous

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



37.3349, 28.6567, 61.4997



41.0741, 28.6567, 39.4429



40.7088, 28.6567, 21.7700

Triad

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



41.0741, 28.6567, 39.4429



23.7064, 28.6567, 8.2431



19.7555, 28.6567, 64.9908

Complementary

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



41.0741, 28.6567, 39.4429



37.6776, 55.5147, 42.4503

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.



17.1235, 28.6567, 43.0279



41.0741, 28.6567, 39.4429



19.1474, 28.6567, 12.9643

Square

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



41.0741, 28.6567, 39.4429



29.9803, 28.6567, 7.9189



16.9199, 28.6567, 24.1977



24.6670, 28.6567, 79.6832

Rectangle

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



41.0741, 28.6567, 39.4429



38.1871, 28.6567, 14.3111



16.9199, 28.6567, 24.1977



18.6106, 28.6567, 57.8948

Sweetspot

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



41.0749, 28.6581, 39.4435



81.2406, 76.8578, 90.4963



32.5855, 23.6300, 68.4895



17.0180, 15.8363, 18.8543



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.



41.0749, 28.6581, 39.4435



54.8230, 34.7026, 48.7654



37.2049, 27.1101, 19.0641



13.3393, 13.1648, 15.0478



19.1996, 9.6809, 10.6973



1.2873, 0.6446, 0.9219

Inverse Universe

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



41.0749, 28.6581, 39.4435



54.8230, 34.7026, 48.7654



43.3095, 57.7674, 72.1075



13.3393, 13.1648, 15.0478



19.1996, 9.6809, 10.6973



1.2873, 0.6446, 0.9219

Previews

White Background



This preview shows how the XYZ color 41.0741, 28.6567, 39.4429 looks on a white background.

Color Contrast Check

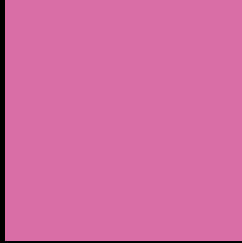
Large Text (above 18pt) WCAG AA ✓ Pass

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 41.0741, 28.6567, 39.4429 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

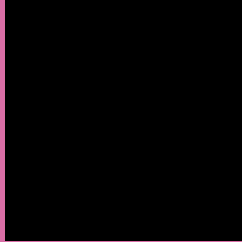
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 41.0741, 28.6567, 39.4429

Background



This preview shows how black text looks on a background with the XYZ color 41.0741, 28.6567, 39.4429.



This preview shows how white text looks on a background with the XYZ color 41.0741, 28.6567,

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

41.0741, 28.6567, 39.4429

Protanopia

29.3024, 29.0758, 52.2119

Deuteranopia

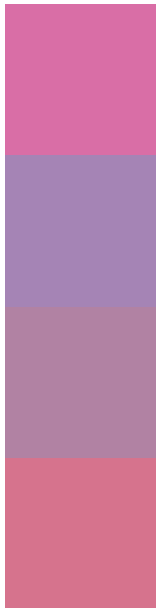
29.4324, 28.7892, 37.7238



Tritanopia

37.7498, 28.6353, 23.6162

Trichromacy



Original Color

41.0741, 28.6567, 39.4429

Protanomaly

32.1088, 27.8381, 47.3970

Deuteranomaly

32.7250, 27.9567, 38.3217

Tritanomaly

38.6700, 28.4807, 28.6585

Monochromacy



Original Color

41.0741, 28.6567, 39.4429

Achromatopsia

28.1479, 29.6138, 32.2495

Achromatomaly

31.6751, 28.3010, 34.8035

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.0741, 28.6567, 39.4429 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(217, 110, 166)` looks like.

```
.text, #text, p{  
    color:rgb(217, 110, 166)  
}
```

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(217, 110, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 110, 166) }
```

Border

The CSS property to change the border of an element to XYZ 41.0741, 28.6567, 39.4429 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(217, 110, 166) }
```


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

```
.border{ border-color:rgb(217, 110, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 110, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 110, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 110, 166);  
box-shadow:4px 4px 4px 4px rgb(217, 110,  
166) }
```

Background

The CSS property to change the background color of an element to XYZ 41.0741, 28.6567, 39.4429 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 110, 166) }
```

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

```
.background{ background-color: rgb(217,  
110, 166) }
```

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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