

Converting Colors

XYZ(39.8471, 28.4429, 24.7264)

Have a look what the booklet for
XYZ(39.8471, 28.4429, 24.7264)
contains.

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Color

**XYZ(39.9054, 28.5372,
24.8777)**

Conversions

Conversions Part 1

Format	Color
Hex	DE6F83
RGB	222, 111, 131
RGB Percent	87%, 44%, 51%
CMY	0.1294, 0.5647, 0.4863
CMYK	0.00, 0.50, 0.41, 0.13
HSL	349°, 63%, 65%
HSV	349°, 50%, 87%
XYZ	39.9054, 28.5372, 24.8777
YIQ	146.4690, 59.7360, 29.7520

Conversions

Conversions Part 2

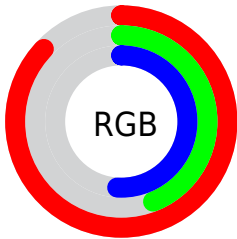
Format	Color
RYB	222, 111, 131
Decimal	14577539
CIELab	60.37, 45.21, 9.41
CIELCh	60, 46.181, 11.752
Yxy	28.5372, 0.4276, 0.3058
Android (android.graphics.Color)	4292767619 (0xFFDE6F83)
YUV	146.4690, -7.6262, 66.2407
Hunter-Lab	53.4202, 39.8558, 9.7829

Details

The XYZ color **39.9054, 28.5372, 24.8777** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **43.3390, 59.8870, 65.1560**, and the grayscale version is **27.5283, 28.9619, 31.5395**.

A 20% lighter version of the original color is **63.3469, 51.6310, 51.9744**, and **18.1403, 11.4218, 9.2312** is the 20% darker color. If you saturate the color by 10%, you get **36.6499, 23.8300, 18.2317**, and if you desaturate by 10%, it is **43.9810, 34.5377, 32.8667**.

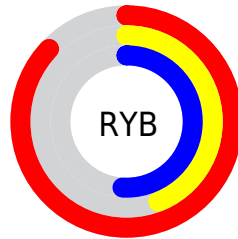
Distribution



Red (87%)

Green (44%)

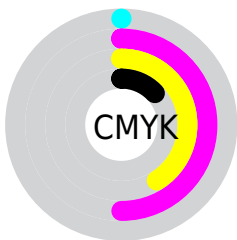
Blue (51%)



Red (87%)

Yellow (44%)

Blue (51%)

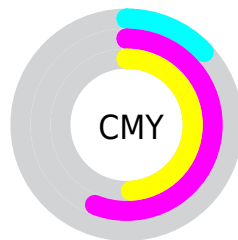


Cyan (0%)

Magenta (50%)

Yellow (41%)

Black (13%)



Cyan (13%)


Magenta (56%)


Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.9054, 28.5372, 24.8777 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 39.9054, 28.5372, 24.8777 by changing the saturation by 10% instead.


 39.9054, 28.5372,
24.8777


 39.9054, 28.5372,
24.8777


336.8659,
295.0250, 290.6565


 27.6487, 18.7310,
15.7678


 74.3047, 57.3410,
52.4204


 18.2001, 11.4761,
9.2074


 97.1780, 77.1073,
71.6903

 11.1943, 6.3880,
4.7781


 124.3208,
100.9625, 95.1838

 6.2659, 3.0824,
2.0612

 156.0986,
129.2910, 123.3197

 3.0496, 1.1749,
0.5925

192.8766,
162.4771, 156.5163

 1.1801, 0.0411,
0.0000

235.0203,

 0.0905, 0.0000,

200.9052, 195.1923

0.0000

282.8950,
244.9597, 239.7662

■ 0.0000, 0.0000,
0.0000

■ 39.9054, 28.5372,
24.8777

■ 39.9054, 28.5372,
24.8777

■ 36.6499, 23.8300,
18.2317

■ 43.9810, 34.5377,
32.8667

■ 34.1554, 20.3162,
12.8523

■ 48.9257, 41.9129,
42.2660

■ 32.3585, 17.8888,
8.6576


■ 54.7873, 50.7425,
53.1404


■ 31.1838, 16.4188,
5.5549


■ 61.6094, 61.0990,
65.5501

■ 30.5072, 15.6829,
3.4263

■ 69.4328, 73.0500,
79.5517

 30.5070, 15.6827,
3.4258

 78.2960, 86.6590,
95.1992

 83.9342, 94.2696,
108.3798

Harmonies

Analogous

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



39.4739, 28.5372, 42.4750



39.9054, 28.5372, 24.8777



36.5626, 28.5372, 13.9901

Triad

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



39.9054, 28.5372, 24.8777



20.2101, 28.5372, 12.5070



23.7039, 28.5372, 73.6118

Complementary

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



39.9054, 28.5372, 24.8777



43.3390, 59.8870, 65.1560

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.



19.4676, 28.5372, 58.3233



39.9054, 28.5372, 24.8777



17.6626, 28.5372, 21.9179

Square

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



39.9054, 28.5372, 24.8777



24.8645, 28.5372, 8.7968



17.4122, 28.5372, 38.2179



29.5159, 28.5372, 75.3290

Rectangle

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



39.9054, 28.5372, 24.8777



32.8933, 28.5372, 10.2539



17.4122, 28.5372, 38.2179



22.0717, 28.5372, 69.6862

Sweetspot

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



39.9062, 28.5387, 24.8782



79.3943, 76.1192, 80.7734



43.1328, 29.1522, 72.4608



16.5763, 15.6596, 16.5279



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.



39.9062, 28.5387, 24.8782



49.9912, 32.3627, 24.5767



43.2965, 37.2829, 19.9552



13.8075, 13.7407, 14.7567



18.1498, 9.3269, 2.1885



1.2881, 0.6585, 0.3098

Inverse Universe

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



39.9062, 28.5387, 24.8782



49.9912, 32.3627, 24.5767



37.4802, 44.1318, 75.6501



13.8075, 13.7407, 14.7567



18.1498, 9.3269, 2.1885



1.2881, 0.6585, 0.3098

Previews

White Background



This preview shows how the XYZ color 39.9054, 28.5372, 24.8777 looks on a white background.

Color Contrast Check

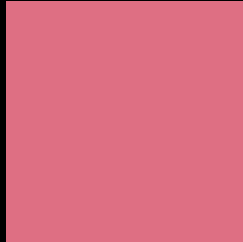
Large Text (above 18pt) WCAG AA ✓ Pass

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 39.9054, 28.5372, 24.8777 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

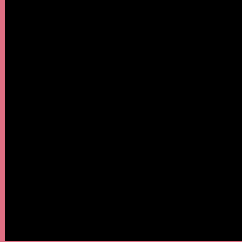
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 39.9054, 28.5372, 24.8777

Background



This preview shows how black text looks on a background with the XYZ color 39.9054, 28.5372, 24.8777.



This preview shows how white text looks on a background with the XYZ color 39.9054, 28.5372,

24.8777.

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

39.9054, 28.5372, 24.8777

Protanopia

27.8432, 28.7487, 32.9357

Deuteranopia

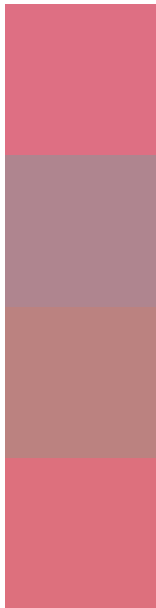
29.2271, 28.7716, 23.7517



Tritanopia

39.1751, 28.5629, 21.5376

Trichromacy



Original Color

39.9054, 28.5372, 24.8777

Protanomaly

31.0247, 27.8722, 29.7313

Deuteranomaly

32.3724, 28.0886, 24.1375

Tritanomaly

39.3146, 28.4412, 22.8196

Monochromacy



Original Color

39.9054, 28.5372, 24.8777

Achromatopsia

27.3213, 28.7441, 31.3023

Achromatomaly

30.6508, 27.6968, 28.9298

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.9054, 28.5372, 24.8777 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(222, 111, 131)` looks like.

```
.text, #text, p{  
    color:rgb(222, 111, 131)  
}
```

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(222, 111, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 111, 131) }
```

Border

The CSS property to change the border of an element to XYZ 39.9054, 28.5372, 24.8777 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(222, 111, 131) }
```


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

```
.border{ border-color:rgb(222, 111, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 111, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 111, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 111, 131);  
box-shadow:4px 4px 4px 4px rgb(222, 111,  
131) }
```

Background

The CSS property to change the background color of an element to XYZ 39.9054, 28.5372, 24.8777 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 111, 131) }
```

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

```
.background{ background-color: rgb(222,  
111, 131) }
```

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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