

Converting Colors

XYZ(39.5716, 26.8944, 29.2571)

Have a look what the booklet for
XYZ(39.5716, 26.8944, 29.2571)
contains.

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Color

**XYZ(39.5281, 26.8581,
29.0874)**

Conversions

Conversions Part 1

Format	Color
Hex	DD668F
RGB	221, 102, 143
RGB Percent	87%, 40%, 56%
CMY	0.1333, 0.6000, 0.4392
CMYK	0.00, 0.54, 0.35, 0.13
HSL	339°, 64%, 63%
HSV	339°, 54%, 87%
XYZ	39.5281, 26.8581, 29.0874
YIQ	142.2550, 57.7630, 37.9790

Conversions

Conversions Part 2

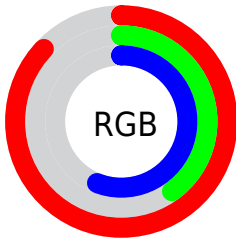
Format	Color
RYB	221, 102, 143
Decimal	14509711
CIELab	58.84, 50.62, 0.23
CIELCh	59, 50.618, 0.261
Yxy	26.8581, 0.4140, 0.2813
Android (android.graphics.Color)	4292699791 (0xFFDD668F)
YUV	142.2550, 0.3673, 69.0594
Hunter-Lab	51.8248, 45.4531, 3.0000

Details

The XYZ color **39.5281, 26.8581, 29.0874** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **39.5756, 57.8336, 52.2606**, and the grayscale version is **25.7956, 27.1390, 29.5544**.

A 20% lighter version of the original color is **63.3750, 49.4052, 59.0192**, and **17.8926, 10.5047, 11.4405** is the 20% darker color. If you saturate the color by 10%, you get **36.6109, 22.6680, 23.0458**, and if you desaturate by 10%, it is **43.1674, 32.2653, 36.0695**.

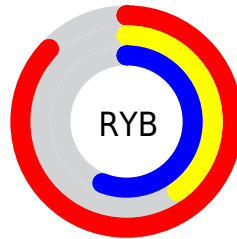
Distribution



Red (87%)

Green (40%)

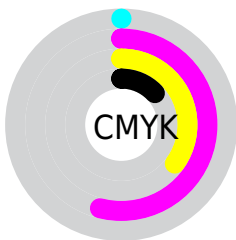
Blue (56%)



Red (87%)

Yellow (40%)

Blue (56%)

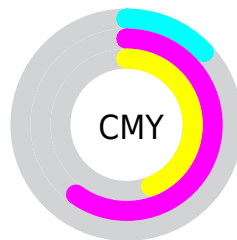


Cyan (0%)

Magenta (54%)

Yellow (35%)

Black (13%)



Cyan (13%)


Magenta (60%)


Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.5281, 26.8581, 29.0874 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 39.5281, 26.8581, 29.0874 by changing the saturation by 10% instead.


 39.5281, 26.8581,
29.0874


 39.5281, 26.8581,
29.0874


335.2992,
286.9694, 311.7009


 27.3534, 17.4667,
18.9008


 73.7333, 54.6561,
59.2598


 17.9768, 10.5678,
11.4225


 96.4945, 73.8314,
80.0826

 11.0329, 5.7770,
6.2341


 123.5152, 97.0369,
105.2879

 6.1564, 2.7100,
2.9168

 155.1608,
124.6568, 135.2943

 2.9820, 0.9823,
1.0523

191.7967,
157.0756, 170.5202

 1.1442, 0.0000,
0.0000

233.7881,

 0.0616, 0.0000,

194.6778, 211.3843

0.0000

281.5005,
237.8475, 258.3050

■ 0.0000, 0.0000,
0.0000

■ 39.5281, 26.8581,
29.0874

■ 39.5281, 26.8581,
29.0874

■ 36.6109, 22.6680,
23.0458

■ 43.1674, 32.2653,
36.0695

■ 34.3610, 19.5944,
17.8990

■ 47.5735, 38.9714,
44.0313

■ 32.7190, 17.5275,
13.5992

■ 52.7901, 47.0557,
53.0115

■ 31.6125, 16.3325,
10.0921

■ 58.8569, 56.5902,
63.0462

■ 31.1280, 15.8958,
8.2898

■ 65.8107, 67.6416,
74.1696

■ 73.6863, 80.2727,
86.4140

■ 81.9696, 93.4485,
99.6285

■ 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.



37.4476, 26.8581, 49.8522



39.5281, 26.8581, 29.0874



37.3770, 26.8581, 15.1036

Triad

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



39.5281, 26.8581, 29.0874



19.9385, 26.8581, 8.4529



20.0190, 26.8581, 70.4586

Complementary

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



39.5281, 26.8581, 29.0874



39.5756, 57.8336, 52.2606

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.



16.4919, 26.8581, 50.2407



39.5281, 26.8581, 29.0874



16.4510, 26.8581, 15.2791

Square

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



39.5281, 26.8581, 29.0874



25.4731, 26.8581, 6.5643



15.2983, 26.8581, 29.4010



25.5826, 26.8581, 78.9218

Rectangle

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



39.5281, 26.8581, 29.0874



34.0061, 26.8581, 9.9604



15.2983, 26.8581, 29.4010



18.5906, 26.8581, 64.4920

Sweetspot

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



39.5288, 26.8595, 29.0879



79.3764, 75.0701, 83.8915



36.4752, 24.3504, 71.1842



16.6082, 15.4672, 17.3288



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.



39.5288, 26.8595, 29.0879



50.0489, 30.5327, 30.5933



38.9166, 29.7299, 16.2595



13.2403, 13.1252, 14.5265



18.1309, 9.2534, 5.0691



1.2143, 0.6154, 0.5377

Inverse Universe

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



39.5288, 26.8595, 29.0879



50.0489, 30.5327, 30.5933



39.9231, 50.8289, 76.1134



13.2403, 13.1252, 14.5265



18.1309, 9.2534, 5.0691



1.2143, 0.6154, 0.5377

Previews

White Background



This preview shows how the XYZ color 39.5281, 26.8581, 29.0874 looks on a white background.

Color Contrast Check

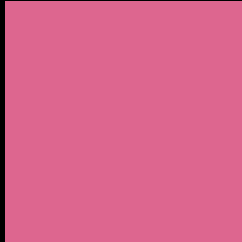
Large Text (above 18pt) WCAG AA ✓ Pass

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 39.5281, 26.8581, 29.0874 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 39.5281, 26.8581, 29.0874

Background



This preview shows how black text looks on a background with the XYZ color 39.5281, 26.8581, 29.0874.



This preview shows how white text looks on a background with the XYZ color 39.5281, 26.8581,

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

39.5281, 26.8581, 29.0874

Protanopia

26.8165, 27.1581, 40.3879

Deuteranopia

27.3656, 26.8656, 27.4102



Tritanopia

37.5656, 26.8133, 19.4152

Trichromacy



Original Color

39.5281, 26.8581, 29.0874

Protanomaly

29.9094, 25.9722, 35.7845

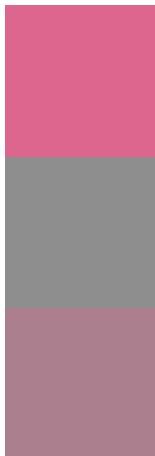
Deuteranomaly

30.6902, 25.9827, 27.8237

Tritanomaly

38.2684, 26.7995, 22.5579

Monochromacy



Original Color

39.5281, 26.8581, 29.0874

Achromatopsia

25.7108, 27.0498, 29.4572

Achromatomaly

29.2664, 25.7897, 29.0266

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.5281, 26.8581, 29.0874 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, 102, 143)` looks like.

```
.text, #text, p{  
    color:rgb(221, 102, 143)  
}
```

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, 102, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 102, 143) }
```

Border

The CSS property to change the border of an element to XYZ 39.5281, 26.8581, 29.0874 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, 102, 143) }
```


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

```
.border{ border-color:rgb(221, 102, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 102, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 102, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 102, 143);  
box-shadow:4px 4px 4px 4px rgb(221, 102,  
143) }
```

Background

The CSS property to change the background color of an element to XYZ 39.5281, 26.8581, 29.0874 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 102, 143) }
```

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

```
.background{ background-color: rgb(221,  
102, 143) }
```

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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