

Converting Colors

XYZ(39.0976, 31.0930, 43.4177)

Have a look what the booklet for
XYZ(39.0976, 31.0930, 43.4177)
contains.

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Color

**XYZ(39.0786, 31.1245,
43.4831)**

Conversions

Conversions Part 1

Format	Color
Hex	C782AD
RGB	199, 130, 173
RGB Percent	78%, 51%, 68%
CMY	0.2196, 0.4902, 0.3216
CMYK	0.00, 0.35, 0.13, 0.22
HSL	323°, 38%, 65%
HSV	323°, 35%, 78%
XYZ	39.0786, 31.1245, 43.4831
YIQ	155.5330, 27.3210, 28.0010

Conversions

Conversions Part 2

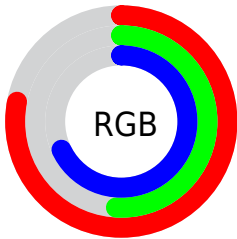
Format	Color
RYB	199, 130, 173
Decimal	13075117
CIELab	62.61, 32.95, -11.74
CIELCh	63, 34.978, 340.383
Yxy	31.1245, 0.3437, 0.2738
Android (android.graphics.Color)	4291265197 (0xFFC782AD)
YUV	155.5330, 8.6112, 38.1206
Hunter-Lab	55.7893, 27.4021, -7.1590

Details

The XYZ color **39.0786, 31.1245, 43.4831** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **35.6314, 47.9938, 38.8404**, and the grayscale version is **31.3473, 32.9798, 35.9150**.

A 20% lighter version of the original color is **72.3841, 61.1424, 81.3854**, and **17.7488, 12.9017, 19.6440** is the 20% darker color. If you saturate the color by 10%, you get **35.9779, 26.0516, 38.9695**, and if you desaturate by 10%, it is **42.7338, 37.2403, 48.3832**.

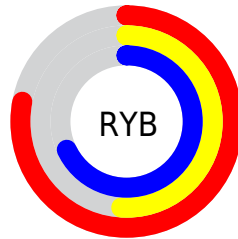
Distribution



Red (78%)

Green (51%)

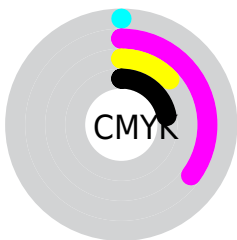
Blue (68%)



Red (78%)

Yellow (51%)

Blue (68%)

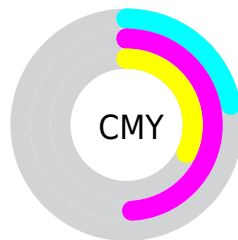


Cyan (0%)

Magenta (35%)

Yellow (13%)

Black (22%)



Cyan (22%)


Magenta (49%)


Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.0786, 31.1245, 43.4831 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 39.0786, 31.1245, 43.4831 by changing the saturation by 10% instead.


 39.0786, 31.1245,
43.4831


 39.0786, 31.1245,
43.4831

333.4260,
307.1115, 376.5742


 27.0019, 20.6937,
29.9301


 73.0517, 61.4360,
81.7335

 17.7112, 12.9003,
19.5340


 95.6787, 82.0855,
107.2681

 10.8413, 7.3599,
11.8760


 122.5533,
106.9100, 137.6336

 6.0267, 3.6882,
6.5378

154.0407,
136.2939, 173.2486

 2.9021, 1.5007,
3.1007

190.5063,
170.6216, 214.5316

 1.1022, 0.2892,
1.1463

232.3155,

 0.0270, 0.0000,

210.2775, 261.9012

0.0000

279.8336,
255.6460, 315.7759

■ 0.0000, 0.0000,
0.0000

■ 39.0786, 31.1245,
43.4831

■ 39.0786, 31.1245,
43.4831

■ 35.9779, 26.0516,
38.9695

■ 42.7338, 37.2403,
48.3832

■ 33.3986, 21.9578,
34.8270

■ 46.9685, 44.4494,
53.6803

■ 31.3083, 18.7790,
31.0419

■ 51.8097, 52.8042,
59.3869

■ 29.6696, 16.4415,
27.5983

■ 57.2817, 62.3523,
65.5140

■ 28.4394, 14.8600,
24.4782

■ 63.4074, 73.1387,
72.0723

■ 27.5653, 13.9313,
21.6606

■ 70.2086, 85.2061,
79.0721

■ 27.1921, 13.5977,
20.2637

■ 72.9714, 89.1254,
84.9447

■ 74.0203, 89.5450,
90.4680

■ 75.1147, 89.9827,
96.2310

Harmonies

Analogous

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



35.9242, 31.1245, 58.0609



39.0786, 31.1245, 43.4831



39.5400, 31.1245, 29.3773

Triad

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



39.0786, 31.1245, 43.4831



27.9624, 31.1245, 14.0786



23.1389, 31.1245, 53.8885

Complementary

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



39.0786, 31.1245, 43.4831



35.6314, 47.9938, 38.8404

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.



21.4557, 31.1245, 38.8412



39.0786, 31.1245, 43.4831



24.0356, 31.1245, 17.5751

Square

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



39.0786, 31.1245, 43.4831



32.7664, 31.1245, 14.6961



21.7654, 31.1245, 25.8218



26.6126, 31.1245, 65.0977

Rectangle

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



39.0786, 31.1245, 43.4831



38.2106, 31.1245, 22.2760



21.7654, 31.1245, 25.8218



22.3628, 31.1245, 48.9667

Sweetspot

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



39.0795, 31.1259, 43.4837



85.9390, 84.1922, 98.4205



31.8680, 27.0887, 57.5822



18.1397, 17.5816, 20.7637



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.



39.0795, 31.1259, 43.4837



64.0339, 47.2963, 69.8027



36.2118, 29.9788, 28.3824



10.9071, 10.7462, 12.4940



17.5287, 8.7610, 13.2599



0.8643, 0.4286, 0.8088

Inverse Universe

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



39.0795, 31.1259, 43.4837



64.0339, 47.2963, 69.8027



38.9028, 49.3023, 56.0672



10.9071, 10.7462, 12.4940



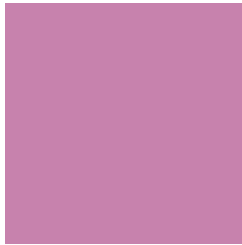
17.5287, 8.7610, 13.2599



0.8643, 0.4286, 0.8088

Previews

White Background



This preview shows how the XYZ color 39.0786, 31.1245, 43.4831 looks on a white background.

Color Contrast Check

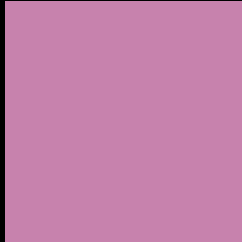
Large Text (above 18pt) WCAG AA × Fail

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 39.0786, 31.1245, 43.4831 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

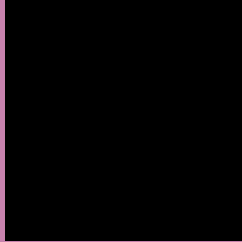
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 39.0786, 31.1245, 43.4831

Background



This preview shows how black text looks on a background with the XYZ color 39.0786, 31.1245, 43.4831.



This preview shows how white text looks on a background with the XYZ color 39.0786, 31.1245,

43.4831.

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

39.0786, 31.1245, 43.4831

Protanopia

31.2037, 31.2402, 51.3991

Deuteranopia

31.9462, 31.3512, 42.3979



Tritanopia

36.5398, 31.1080, 30.8667

Trichromacy



Original Color

39.0786, 31.1245, 43.4831

Protanomaly

33.3702, 30.8089, 48.4439

Deuteranomaly

34.1091, 30.8743, 42.6897

Tritanomaly

37.3299, 31.0119, 35.0287

Monochromacy



Original Color

39.0786, 31.1245, 43.4831

Achromatopsia

31.5995, 33.2452, 36.2040

Achromatomaly

33.9686, 32.2467, 38.6163

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.0786, 31.1245, 43.4831 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(199, 130, 173)` looks like.

```
.text, #text, p{  
    color:rgb(199, 130, 173)  
}
```

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(199, 130, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 130, 173) }
```

Border

The CSS property to change the border of an element to XYZ 39.0786, 31.1245, 43.4831 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(199, 130, 173) }
```


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

```
.border{ border-color:rgb(199, 130, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 130, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 130, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 130, 173);  
box-shadow:4px 4px 4px 4px rgb(199, 130,  
173) }
```

Background

The CSS property to change the background color of an element to XYZ 39.0786, 31.1245, 43.4831 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 130, 173) }
```

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

```
.background{ background-color: rgb(199,  
130, 173) }
```

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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