

Converting Colors

XYZ(39.9851, 27.7202, 49.1330)

Have a look what the booklet for
XYZ(39.9851, 27.7202, 49.1330)
contains.

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Color

**XYZ(39.9577, 27.7055,
49.1406)**

Conversions

Conversions Part 1

Format	Color
Hex	CF6DB9
RGB	207, 109, 185
RGB Percent	81%, 43%, 73%
CMY	0.1882, 0.5725, 0.2745
CMYK	0.00, 0.47, 0.11, 0.19
HSL	313°, 51%, 62%
HSV	313°, 47%, 81%
XYZ	39.9577, 27.7055, 49.1406
YIQ	146.9660, 34.0120, 44.4120

Conversions

Conversions Part 2

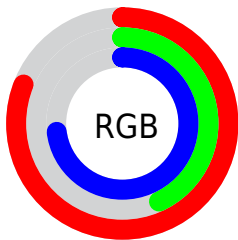
Format	Color
R _Y B	207, 109, 185
Decimal	13594041
CIE Lab	59.62, 48.61, -23.03
CIE LCh	60, 53.786, 334.649
Yxy	27.7055, 0.3421, 0.2372
Android (android.graphics.Color)	4291784121 (0xFFCF6DB9)
YUV	146.9660, 18.7508, 52.6498
Hunter-Lab	52.6360, 43.3921, -18.5075

Details

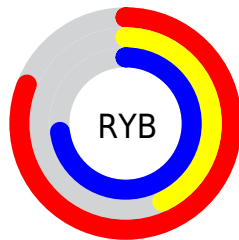
The XYZ color **39.9577, 27.7055, 49.1406** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **32.7175, 49.5164, 29.3080**, and the grayscale version is **27.6352, 29.0744, 31.6620**.

A 20% lighter version of the original color is **70.2144, 53.8053, 89.9038**, and **18.1567, 10.9783, 22.9919** is the 20% darker color. If you saturate the color by 10%, you get **37.5215, 23.6049, 45.9476**, and if you desaturate by 10%, it is **42.9317, 32.8549, 52.5925**.

Distribution



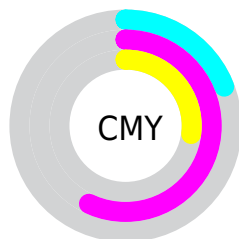
- Red (81%)
- Green (43%)
- Blue (73%)



- Red (81%)
- Yellow (43%)
- Blue (73%)



- Cyan (0%)
- Magenta (47%)
- Yellow (11%)
- Black (19%)



- Cyan (19%)
- Magenta (57%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.9577, 27.7055, 49.1406 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 39.9577, 27.7055, 49.1406 by changing the saturation by 10% instead.


 39.9577, 27.7055,
49.1406


 39.9577, 27.7055,
49.1406


337.0827,
291.0570, 399.9339


 27.6896, 18.1038,
34.3646


 74.3838, 56.0139,
90.2834


 18.2311, 11.0245,
22.8942


 97.2726, 75.4894,
117.4873

 11.2167, 6.0833,
14.3109


 124.4324, 99.0249,
149.6709

 6.2812, 2.8958,
8.1960

 156.2284,
127.0049, 187.2528

 3.0591, 1.0776,
4.1310

193.0261,
159.8137, 230.6515

 1.1851, 0.0000,
1.6975

235.1908,

 0.0945, 0.0000,

197.8357, 280.2856

0.3590

283.0879,
241.4553, 336.5736

■ 0.0000, 0.0000,
0.0000

■ 39.9577, 27.7055,
49.1406

■ 39.9577, 27.7055,
49.1406

■ 37.5215, 23.6049,
45.9476

■ 42.9317, 32.8549,
52.5925

■ 35.5831, 20.4752,
42.9987

■ 46.4743, 39.1162,
56.3136

■ 34.1014, 18.2335,
40.2796


■ 50.6173, 46.5522,
60.3153


■ 33.0271, 16.7817,
37.7732


■ 55.3893, 55.2196,
64.6080


■ 32.2927, 15.9853,
35.4562


■ 60.8168, 65.1716,
69.2013

 32.1238, 15.8221,
34.8615

 66.9251, 76.4583,
74.1041

 73.7380, 89.1270,
79.3252

 74.7011, 90.0690,
82.6805

 75.3334, 90.3219,
86.0102

Harmonies

Analogous

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



34.4618, 27.7055, 72.4803



39.9577, 27.7055, 49.1406



41.5801, 27.7055, 27.2405

Triad

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



39.9577, 27.7055, 49.1406



25.2907, 27.7055, 6.1589



16.9993, 27.7055, 56.7601

Complementary

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



39.9577, 27.7055, 49.1406



32.7175, 49.5164, 29.3080

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.



15.3602, 27.7055, 33.2950



39.9577, 27.7055, 49.1406



19.5953, 27.7055, 8.6980

Square

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



39.9577, 27.7055, 49.1406



32.3182, 27.7055, 7.4429



16.2222, 27.7055, 16.8391



21.1369, 27.7055, 78.0455

Rectangle

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



39.9577, 27.7055, 49.1406



40.0468, 27.7055, 17.1214



16.2222, 27.7055, 16.8391



16.1734, 27.7055, 48.5694

Sweetspot

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



39.9586, 27.7068, 49.1412



83.4361, 78.7942, 98.7950



25.9743, 20.2082, 61.5635



17.5153, 16.2435, 20.8311



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.



39.9586, 27.7068, 49.1412



60.0125, 37.6302, 73.4669



35.7005, 26.0036, 26.7184



12.1925, 11.9617, 14.2894



20.2764, 9.9834, 22.1595



1.1623, 0.5697, 1.3897

Inverse Universe

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



39.9586, 27.7068, 49.1412



60.0125, 37.6302, 73.4669



36.7809, 51.1418, 50.7056



12.1925, 11.9617, 14.2894



20.2764, 9.9834, 22.1595



1.1623, 0.5697, 1.3897

Previews

White Background



This preview shows how the XYZ color 39.9577, 27.7055, 49.1406 looks on a white background.

Color Contrast Check

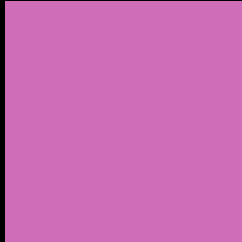
Large Text (above 18pt) WCAG AA ✓ Pass

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 39.9577, 27.7055, 49.1406 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

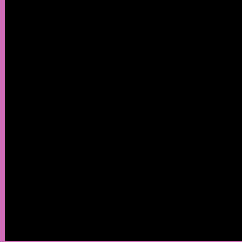
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 39.9577, 27.7055, 49.1406

Background



This preview shows how black text looks on a background with the XYZ color 39.9577, 27.7055, 49.1406.



This preview shows how white text looks on a background with the XYZ color 39.9577, 27.7055,

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

39.9577, 27.7055, 49.1406

Protanopia

29.3319, 28.1367, 64.8577

Deuteranopia

28.4768, 27.8799, 46.5283



Tritanopia

34.9540, 27.7040, 24.6242

Trichromacy



Original Color

39.9577, 27.7055, 49.1406



Protanomaly

31.6621, 26.9546, 58.7923



Deuteranomaly

31.5006, 26.9292, 47.2537



Tritanomaly

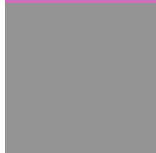
36.4949, 27.6211, 32.2621

Monochromacy



Original Color

39.9577, 27.7055, 49.1406



Achromatopsia

27.7328, 29.1771, 31.7738



Achromatomaly

31.1827, 27.7833, 37.4374

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.9577, 27.7055, 49.1406 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(207, 109, 185)` looks like.

```
.text, #text, p{  
    color:rgb(207, 109, 185)  
}
```

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(207, 109, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 109, 185) }
```

Border

The CSS property to change the border of an element to XYZ 39.9577, 27.7055, 49.1406 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(207, 109, 185) }
```


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

```
.border{ border-color:rgb(207, 109, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 109, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 109, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 109, 185);  
box-shadow:4px 4px 4px 4px rgb(207, 109,  
185) }
```

Background

The CSS property to change the background color of an element to XYZ 39.9577, 27.7055, 49.1406 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 109, 185) }
```

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

```
.background{ background-color: rgb(207,  
109, 185) }
```

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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