

Converting Colors

XYZ(39.5823, 30.1794, 49.5247)

Have a look what the booklet for
XYZ(39.5823, 30.1794, 49.5247)
contains.

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Color

**XYZ(39.5178, 30.0602,
49.6183)**

Conversions

Conversions Part 1

Format	Color
Hex	C77CB9
RGB	199, 124, 185
RGB Percent	78%, 49%, 73%
CMY	0.2196, 0.5137, 0.2745
CMYK	0.00, 0.38, 0.07, 0.22
HSL	311°, 40%, 63%
HSV	311°, 38%, 78%
XYZ	39.5178, 30.0602, 49.6183
YIQ	153.3790, 25.1190, 34.8710

Conversions

Conversions Part 2

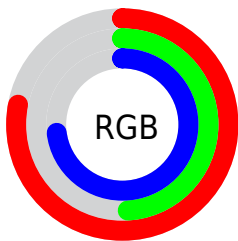
Format	Color
R _Y B	199, 124, 185
Decimal	13073593
CIE Lab	61.71, 38.24, -19.93
CIE LCh	62, 43.124, 332.473
Yxy	30.0602, 0.3315, 0.2522
Android (android.graphics.Color)	4291263673 (0xFFC77CB9)
YUV	153.3790, 15.5892, 40.0096
Hunter-Lab	54.8272, 32.7099, -15.2781

Details

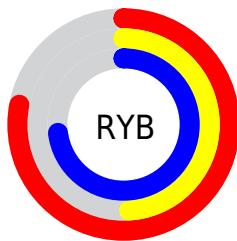
The XYZ color **39.5178, 30.0602, 49.6183** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **33.3243, 46.9679, 31.3560**, and the grayscale version is **30.3707, 31.9523, 34.7961**.

A 20% lighter version of the original color is **73.0376, 59.4517, 90.8449**, and **18.0490, 12.3603, 23.2643** is the 20% darker color. If you saturate the color by 10%, you get **36.8842, 25.4119, 46.8309**, and if you desaturate by 10%, it is **42.6668, 35.7217, 52.6287**.

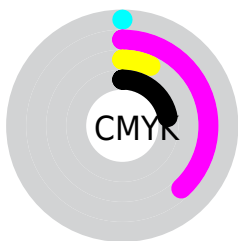
Distribution



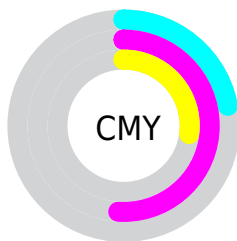
- Red (78%)
- Green (49%)
- Blue (73%)



- Red (78%)
- Yellow (49%)
- Blue (73%)



- Cyan (0%)
- Magenta (38%)
- Yellow (7%)
- Black (22%)




- Cyan (22%)
- Magenta (51%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.5178, 30.0602, 49.6183 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 39.5178, 30.0602, 49.6183 by changing the saturation by 10% instead.


 39.5178, 30.0602,
49.6183

 39.5178, 30.0602,
49.6183


335.2563,
302.1850, 401.8636


 27.3453, 19.8843,
34.7411


 73.7177, 59.7574,
90.9995

 17.9707, 12.3110,
23.1816


 96.4758, 80.0474,
118.3407

 11.0285, 6.9558,
14.5211


 123.4932,
104.4776, 150.6737

 6.1534, 3.4345,
8.3411

155.1352,
133.4324, 188.4169

 2.9801, 1.3626,
4.2231

191.7671,
167.2961, 231.9890

 1.1433, 0.1889,
1.7485

233.7544,

 0.0609, 0.0000,

206.4532, 281.8084

0.3937

281.4624,
251.2880, 338.2938

■ 0.0000, 0.0000,
0.0000

■ 39.5178, 30.0602,
49.6183

■ 39.5178, 30.0602,
49.6183

■ 36.8842, 25.4119,
46.8309

■ 42.6668, 35.7217,
52.6287

■ 34.7325, 21.7118,
44.2541

■ 46.3563, 42.4483,
55.8698

■ 33.0300, 18.8938,
41.8767


■ 50.6131, 50.2930,
59.3514


■ 31.7383, 16.8815,
39.6858


■ 55.4616, 59.3041,
63.0819


■ 30.8127, 15.5853,
37.6658


■ 60.9246, 69.5273,
67.0692


 30.1884, 14.8762,
35.7950

 67.0236, 81.0056,
71.3210

 30.0619, 14.7456,
35.3750

 71.0720, 88.3657,
74.9420

 71.5433, 88.5542,
77.4237

 72.0254, 88.7470,
79.9625

Harmonies

Analogous

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



34.9156, 30.0602, 67.2907



39.5178, 30.0602, 49.6183



41.0760, 30.0602, 31.3855

Triad

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



39.5178, 30.0602, 49.6183



28.0977, 30.0602, 10.2199



20.2357, 30.0602, 52.8014

Complementary

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



39.5178, 30.0602, 49.6183



33.3243, 46.9679, 31.3560

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.



18.9032, 30.0602, 34.1133



39.5178, 30.0602, 49.6183



23.0463, 30.0602, 12.6516

Square

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



39.5178, 30.0602, 49.6183



33.9812, 30.0602, 11.9416



19.8596, 30.0602, 20.1886



23.7684, 30.0602, 69.5200

Rectangle

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



39.5178, 30.0602, 49.6183



40.0305, 30.0602, 22.0746



19.8596, 30.0602, 20.1886



19.5387, 30.0602, 46.3593

Sweetspot

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



39.5187, 30.0616, 49.6189



85.9137, 83.0581, 101.7519



27.9578, 23.9224, 57.1774



18.1671, 17.3686, 21.5986



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.



39.5187, 30.0616, 49.6189



65.4454, 46.0056, 82.9553



36.0875, 28.6891, 31.5503



10.9949, 10.7813, 12.9564



19.3605, 9.4938, 22.9060



0.9393, 0.4586, 1.2037

Inverse Universe

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



39.5187, 30.0616, 49.6189



65.4454, 46.0056, 82.9553



36.4992, 48.2378, 48.0746



10.9949, 10.7813, 12.9564



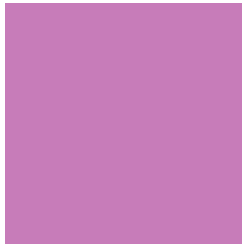
19.3605, 9.4938, 22.9060



0.9393, 0.4586, 1.2037

Previews

White Background



This preview shows how the XYZ color 39.5178, 30.0602, 49.6183 looks on a white background.

Color Contrast Check

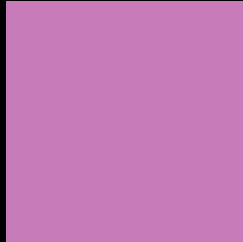
Large Text (above 18pt) WCAG AA × Fail

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 39.5178, 30.0602, 49.6183 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

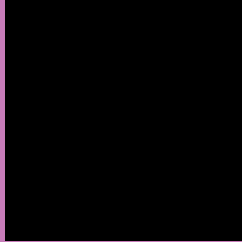
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 39.5178, 30.0602, 49.6183

Background



This preview shows how black text looks on a background with the XYZ color 39.5178, 30.0602, 49.6183.



This preview shows how white text looks on a background with the XYZ color 39.5178, 30.0602,

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

39.5178, 30.0602, 49.6183

Protanopia

31.0821, 30.5124, 60.1284

Deuteranopia

30.8321, 30.1899, 47.9183



Tritanopia

35.4573, 29.9550, 29.8997

Trichromacy



Original Color

39.5178, 30.0602, 49.6183



Protanomaly

33.2970, 29.7199, 56.2061



Deuteranomaly

33.4683, 29.7698, 48.2382



Tritanomaly

36.7868, 29.9049, 36.1811

Monochromacy



Original Color

39.5178, 30.0602, 49.6183



Achromatopsia

30.2779, 31.8547, 34.6897



Achromatomaly

33.0421, 30.6087, 39.7639

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.5178, 30.0602, 49.6183 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, 124, 185)` looks like.

```
.text, #text, p{  
    color:rgb(199, 124, 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(199, 124, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 124, 185) }
```

Border

The CSS property to change the border of an element to XYZ 39.5178, 30.0602, 49.6183 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, 124, 185) }
```


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

```
.border{ border-color:rgb(199, 124, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 124, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 124, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 124, 185);  
box-shadow:4px 4px 4px 4px rgb(199, 124,  
185) }
```

Background

The CSS property to change the background color of an element to XYZ 39.5178, 30.0602, 49.6183 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 124, 185) }
```

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

```
.background{ background-color: rgb(199,  
124, 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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