

Converting Colors

XYZ(39.7138, 24.4190, 36.0091)

Have a look what the booklet for
XYZ(39.7138, 24.4190, 36.0091)
contains.

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Color

**XYZ(39.6397, 24.4083,
35.8797)**

Conversions

Conversions Part 1

Format	Color
Hex	DE54A0
RGB	222, 84, 160
RGB Percent	87%, 33%, 63%
CMY	0.1294, 0.6706, 0.3725
CMYK	0.00, 0.62, 0.28, 0.13
HSL	327°, 68%, 60%
HSV	327°, 62%, 87%
XYZ	39.6397, 24.4083, 35.8797
YIQ	133.9260, 57.8520, 52.8920

Conversions

Conversions Part 2

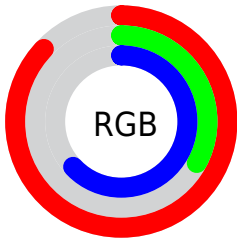
Format	Color
R _{YB}	222, 84, 160
Decimal	14570656
CIE _{Lab}	56.49, 61.09, -13.15
CIE _{LCh}	56, 62.490, 347.850
Y _{xy}	24.4083, 0.3967, 0.2443
Android (android.graphics.Color)	4292760736 (0xFFDE54A0)
YUV	133.9260, 12.8545, 77.2409
Hunter-Lab	49.4048, 56.7604, -8.4754

Details

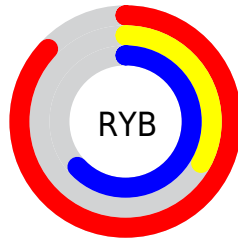
The XYZ color **39.6397, 24.4083, 35.8797** is a light color, and the websafe version is hex **CC3399**. The color can be described as light muted rose. A complement of this color would be **34.9671, 56.2035, 36.2026**, and the grayscale version is **22.5733, 23.7489, 25.8625**.

A 20% lighter version of the original color is **62.8838, 44.9225, 69.6465**, and **17.9963, 9.2398, 15.0223** is the 20% darker color. If you saturate the color by 10%, you get **37.3436, 21.1568, 30.9806**, and if you desaturate by 10%, it is **42.5531, 28.7819, 41.3304**.

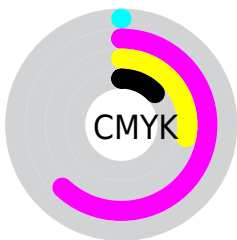
Distribution



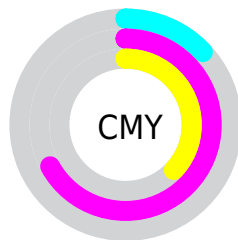
- Red (87%)
- Green (33%)
- Blue (63%)



- Red (87%)
- Yellow (33%)
- Blue (63%)



- Cyan (0%)
- Magenta (62%)
- Yellow (28%)
- Black (13%)





- Cyan (13%)
- Magenta (67%)
- Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.6397, 24.4083, 35.8797 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 39.6397, 24.4083, 35.8797 by changing the saturation by 10% instead.


 39.6397, 24.4083,
35.8797


 39.6397, 24.4083,
35.8797

335.7631,
274.8783, 343.4559


 27.4407, 15.6368,
24.0523


 73.9024, 50.6957,
70.0133


 18.0428, 9.2675,
15.1599


 96.6968, 68.9803,
93.1566

 11.0806, 4.9161,
8.7838


 123.7537, 91.2048,
120.9090

 6.1887, 2.1981,
4.5056

 155.4384,
117.7534, 153.6890

 3.0019, 0.7190,
1.9066

192.1164,
149.0107, 191.9152

 1.1548, 0.0000,
0.4969

234.1529,

 0.0702, 0.0000,

185.3610, 236.0060

0.0000

281.9134,
227.1888, 286.3801

■ 0.0000, 0.0000,
0.0000

■ 39.6397, 24.4083,
35.8797

■ 39.6397, 24.4083,
35.8797

■ 37.3436, 21.1568,
30.9806

■ 42.5531, 28.7819,
41.3304

■ 35.6074, 18.9159,
26.6053

■ 46.1298, 34.3678,
47.3553

■ 34.3656, 17.5571,
22.7238

■ 50.4138, 41.2512,
53.9767

■ 33.6531, 16.9412,
19.9919

■ 55.4445, 49.5085,
61.2151

■ 61.2581, 59.2101,
69.0896

■ 67.8888, 70.4217,
77.6186

■ 75.3682, 83.2049,
86.8194

■ 81.5822, 93.3288,
95.9936

■ 83.1036, 93.9374,
104.0055

Harmonies

Analogous

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



35.1241, 24.4083, 63.3049



39.6397, 24.4083, 35.8797



39.1298, 24.4083, 16.1345

Triad

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



39.6397, 24.4083, 35.8797



19.1891, 24.4083, 3.8261



15.0565, 24.4083, 68.4377

Complementary

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



39.6397, 24.4083, 35.8797



34.9671, 56.2035, 36.2026

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.



12.3128, 24.4083, 40.7637



39.6397, 24.4083, 35.8797



14.3346, 24.4083, 7.7977

Square

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



39.6397, 24.4083, 35.8797



26.2537, 24.4083, 3.5511



12.0794, 24.4083, 19.0388



20.3916, 24.4083, 87.6949

Rectangle

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



39.6397, 24.4083, 35.8797



36.0165, 24.4083, 8.8535



12.0794, 24.4083, 19.0388



13.8532, 24.4083, 59.3065

Sweetspot

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



39.6404, 24.4096, 35.8801



78.1850, 71.5643, 86.9568



27.8232, 17.5275, 71.0242



16.2669, 14.5410, 17.9659



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.



39.6404, 24.4096, 35.8801



50.2275, 27.7659, 40.2835



35.2802, 22.6655, 12.9195



14.0215, 13.8262, 15.8835



20.0460, 10.0854, 12.1740



1.4344, 0.7170, 1.0805

Inverse Universe

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



39.6404, 24.4096, 35.8801



50.2275, 27.7659, 40.2835



41.7632, 58.9219, 71.9903



14.0215, 13.8262, 15.8835



20.0460, 10.0854, 12.1740



1.4344, 0.7170, 1.0805

Previews

White Background



This preview shows how the XYZ color 39.6397, 24.4083, 35.8797 looks on a white background.

Color Contrast Check

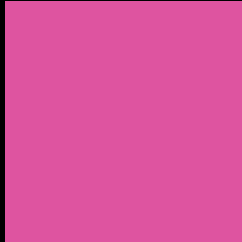
Large Text (above 18pt) WCAG AA ✓ Pass

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 39.6397, 24.4083, 35.8797 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

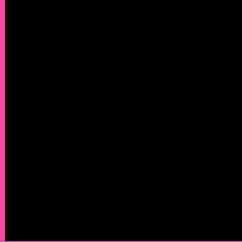
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 39.6397, 24.4083, 35.8797

Background



This preview shows how black text looks on a background with the XYZ color 39.6397, 24.4083, 35.8797.



This preview shows how white text looks on a background with the XYZ color 39.6397, 24.4083,

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

39.6397, 24.4083, 35.8797

Protanopia

25.5779, 24.7033, 55.0499

Deuteranopia

24.9855, 24.4652, 33.5424



Tritanopia

35.3887, 24.3006, 15.9220

Trichromacy



Original Color

39.6397, 24.4083, 35.8797

Protanomaly

28.2065, 22.8367, 47.1773

Deuteranomaly

28.7090, 23.2078, 34.4189

Tritanomaly

36.6787, 24.1696, 21.8008

Monochromacy



Original Color

39.6397, 24.4083, 35.8797

Achromatopsia

22.6597, 23.8398, 25.9615

Achromatomaly

26.9292, 22.5809, 28.9258

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.6397, 24.4083, 35.8797 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, 84, 160)` looks like.

```
.text, #text, p{  
    color:rgb(222, 84, 160)  
}
```

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, 84, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 84, 160) }
```

Border

The CSS property to change the border of an element to XYZ 39.6397, 24.4083, 35.8797 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, 84, 160) }
```


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

```
.border{ border-color:rgb(222, 84, 160) }
```

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

Here you see how a box with a 4 pixel rgb(222, 84, 160) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 84, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 84, 160);  
box-shadow:4px 4px 4px 4px rgb(222, 84,  
160) }
```

Background

The CSS property to change the background color of an element to XYZ 39.6397, 24.4083, 35.8797 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 84, 160) }
```

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

```
.background{ background-color: rgb(222, 84,  
160) }
```

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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