

Converting Colors

XYZ(39.9120, 25.0870, 44.3350)

Have a look what the booklet for
XYZ(39.9120, 25.0870, 44.3350)
contains.

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Color

**XYZ(39.9109, 25.0856,
44.3334)**

Conversions

Conversions Part 1

Format	Color
Hex	D85AB1
RGB	216, 90, 177
RGB Percent	85%, 35%, 69%
CMY	0.1529, 0.6470, 0.3059
CMYK	0.00, 0.58, 0.18, 0.15
HSL	319°, 62%, 60%
HSV	319°, 58%, 85%
XYZ	39.9109, 25.0856, 44.3334
YIQ	137.5920, 47.1690, 53.7690

Conversions

Conversions Part 2

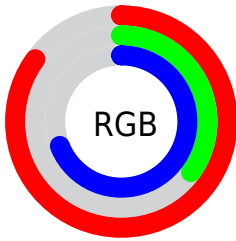
Format	Color
R _Y B	216, 90, 177
Decimal	14178993
CIE Lab	57.16, 59.08, -22.10
CIE LCh	57, 63.075, 339.489
Yxy	25.0856, 0.3651, 0.2294
Android (android.graphics.Color)	4292369073 (0xFFD85AB1)
YUV	137.5920, 19.4281, 68.7638
Hunter-Lab	50.0855, 54.5889, -17.4209

Details

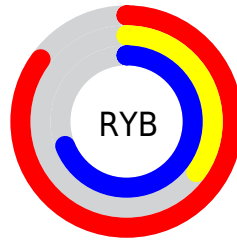
The XYZ color **39.9109, 25.0856, 44.3334** is a light color, and the websafe version is hex **CC3399**. The color can be described as light muted rose. A complement of this color would be **32.7360, 52.8713, 29.2511**, and the grayscale version is **23.9192, 25.1648, 27.4045**.

A 20% lighter version of the original color is **66.2269, 47.7010, 82.8075**, and **18.1780, 9.6031, 19.9643** is the 20% darker color. If you saturate the color by 10%, you get **37.6964, 21.6968, 40.3874**, and if you desaturate by 10%, it is **42.6889, 29.5483, 48.6288**.

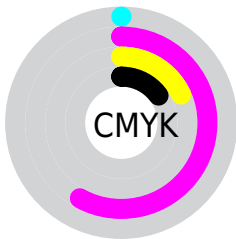
Distribution



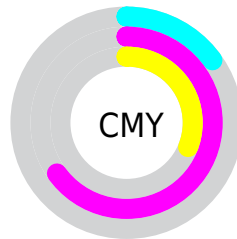
- Red (85%)
- Green (35%)
- Blue (69%)



- Red (85%)
- Yellow (35%)
- Blue (69%)



- Cyan (0%)
- Magenta (58%)
- Yellow (18%)
- Black (15%)





- Cyan (15%)
- Magenta (65%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.9109, 25.0856, 44.3334 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 39.9109, 25.0856, 44.3334 by changing the saturation by 10% instead.


 39.9109, 25.0856,
44.3334


 39.9109, 25.0856,
44.3334


336.8888,
278.2640, 380.1482

 27.6530, 16.1408,
30.5936

 74.3130, 51.7961,
83.0270


 18.2034, 9.6239,
20.0337


 97.1879, 70.3305,
108.8179

 11.1967, 5.1503,
12.2352


 124.3326, 92.8304,
139.4629

 6.2675, 2.3357,
6.7796

 156.1122,
119.6800, 175.3805

 3.0506, 0.7925,
3.2483

192.8923,
151.2638, 216.9893

 1.1806, 0.0000,
1.2228

235.0382,

 0.0910, 0.0000,

187.9661, 264.7078

0.0000

282.9152,
230.1714, 318.9546

■ 0.0000, 0.0000,
0.0000

■ 39.9109, 25.0856,
44.3334

■ 39.9109, 25.0856,
44.3334

■ 37.6964, 21.6968,
40.3874

■ 42.6889, 29.5483,
48.6288

■ 35.9952, 19.2836,
36.7712

■ 46.0700, 35.1648,
53.2883

■ 34.7520, 17.7355,
33.4641

■ 50.0931, 42.0114,
58.3274

■ 33.8839, 16.8876,
30.4362

■ 54.7928, 50.1569,
63.7598

■ 33.7551, 16.7734,
29.9508

■ 60.2014, 59.6650,
69.5982

■ 66.3489, 70.5953,
75.8548

■ 73.2636, 83.0035,
82.5410

■ 78.4309, 91.8597,
88.8206

■ 79.3908, 92.2437,
93.8756

Harmonies

Analogous

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



34.1482, 25.0856, 72.7101



39.9109, 25.0856, 44.3334



40.9220, 25.0856, 21.1001

Triad

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



39.9109, 25.0856, 44.3334



21.5612, 25.0856, 3.5551



14.4182, 25.0856, 62.5367

Complementary

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



39.9109, 25.0856, 44.3334



32.7360, 52.8713, 29.2511

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.



12.3323, 25.0856, 34.6417



39.9109, 25.0856, 44.3334



15.8527, 25.0856, 6.3251

Square

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



39.9109, 25.0856, 44.3334



29.2157, 25.0856, 4.1043



12.7963, 25.0856, 15.3255



19.1732, 25.0856, 86.4729

Rectangle

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



39.9109, 25.0856, 44.3334



38.5912, 25.0856, 11.7010



12.7963, 25.0856, 15.3255



13.4317, 25.0856, 52.8574

Sweetspot

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



39.9117, 25.0868, 44.3339



80.6603, 74.5578, 93.8150



24.9242, 16.8454, 66.9041



16.9448, 15.3998, 19.7238



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.



39.9117, 25.0868, 44.3339



54.2548, 30.6564, 57.5464



35.0822, 23.1550, 18.9020



12.7818, 12.5642, 14.7909



20.0299, 9.9483, 17.9932



1.2445, 0.6146, 1.2767

Inverse Universe

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



39.9117, 25.0868, 44.3339



54.2548, 30.6564, 57.5464



38.1553, 55.0390, 57.7886



12.7818, 12.5642, 14.7909



20.0299, 9.9483, 17.9932



1.2445, 0.6146, 1.2767

Previews

White Background



This preview shows how the XYZ color 39.9109, 25.0856, 44.3334 looks on a white background.

Color Contrast Check

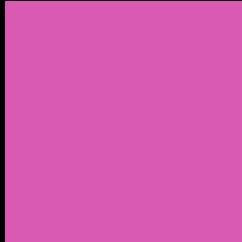
Large Text (above 18pt) WCAG AA ✓ Pass

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 39.9109, 25.0856, 44.3334 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

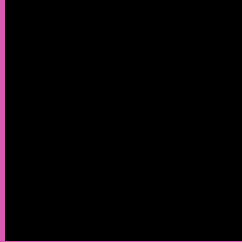
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 39.9109, 25.0856, 44.3334

Background



This preview shows how black text looks on a background with the XYZ color 39.9109, 25.0856, 44.3334.



This preview shows how white text looks on a background with the XYZ color 39.9109, 25.0856,

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

39.9109, 25.0856, 44.3334

Protanopia

26.9780, 25.3964, 65.7675

Deuteranopia

25.9113, 25.3811, 41.5636



Tritanopia

34.6106, 24.9970, 18.6235

Trichromacy



Original Color

39.9109, 25.0856, 44.3334



Protanomaly

29.3001, 23.7067, 57.0644



Deuteranomaly

29.4495, 24.1033, 42.6354



Tritanomaly

36.1525, 24.8890, 26.1912

Monochromacy



Original Color

39.9109, 25.0856, 44.3334



Achromatopsia

24.1572, 25.4152, 27.6772



Achromatomaly

28.2308, 24.0487, 32.8597

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.9109, 25.0856, 44.3334 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(216, 90, 177)` looks like.

```
.text, #text, p{  
  color:rgb(216, 90, 177)  
}
```

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(216, 90, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 90, 177) }
```

Border

The CSS property to change the border of an element to XYZ 39.9109, 25.0856, 44.3334 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(216, 90, 177) }
```


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

```
.border{ border-color:rgb(216, 90, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 90, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 90, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 90, 177);  
box-shadow:4px 4px 4px 4px rgb(216, 90,  
177) }
```

Background

The CSS property to change the background color of an element to XYZ 39.9109, 25.0856, 44.3334 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 90, 177) }
```

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

```
.background{ background-color: rgb(216, 90,  
177) }
```

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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