

Converting Colors

XYZ(39.6355, 23.4251, 42.9390)

Have a look what the booklet for
XYZ(39.6355, 23.4251, 42.9390)
contains.

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Color

**XYZ(39.5357, 23.3241,
42.9757)**

Conversions

Conversions Part 1

Format	Color
Hex	DB4CAF
RGB	219, 76, 175
RGB Percent	86%, 30%, 69%
CMY	0.1412, 0.7019, 0.3137
CMYK	0.00, 0.65, 0.20, 0.14
HSL	318°, 67%, 58%
HSV	318°, 65%, 86%
XYZ	39.5357, 23.3241, 42.9757
YIQ	130.0430, 53.4490, 61.1050

Conversions

Conversions Part 2

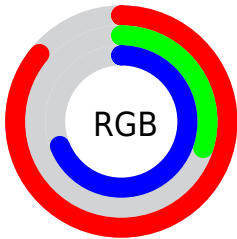
Format	Color
R _Y B	219, 76, 175
Decimal	14372015
CIE Lab	55.40, 65.46, -23.60
CIE LCh	55, 69.583, 340.178
Yxy	23.3241, 0.3736, 0.2204
Android (android.graphics.Color)	4292562095 (0xFFDB4CAF)
YUV	130.0430, 22.1638, 78.0153
Hunter-Lab	48.2950, 61.6089, -18.9531

Details

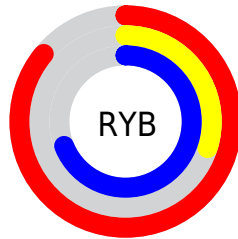
The XYZ color **39.5357, 23.3241, 42.9757** is a light color, and the websafe version is hex **CC3399**. The color can be described as light muted rose. A complement of this color would be **31.7034, 53.5563, 26.4382**, and the grayscale version is **21.1453, 22.2466, 24.2265**.

A 20% lighter version of the original color is **64.1889, 44.0797, 80.7264**, and **18.0101, 8.8787, 19.1769** is the 20% darker color. If you saturate the color by 10%, you get **37.6300, 20.5454, 39.1561**, and if you desaturate by 10%, it is **41.9892, 27.1449, 47.1413**.

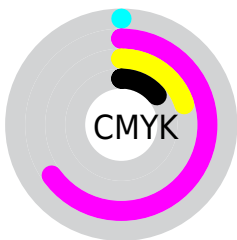
Distribution



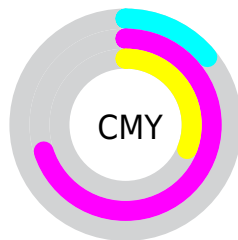
- Red (86%)
- Green (30%)
- Blue (69%)



- Red (86%)
- Yellow (30%)
- Blue (69%)



- Cyan (0%)
- Magenta (65%)
- Yellow (20%)
- Black (14%)



- Cyan (14%)
- Magenta (70%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.5357, 23.3241, 42.9757 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 39.5357, 23.3241, 42.9757 by changing the saturation by 10% instead.

39.5357, 23.3241,
42.9757

39.5357, 23.3241,
42.9757

335.3308,
269.3853, 374.4301

27.3593, 14.8330,
29.5348

73.7448, 48.9250,
80.9602

17.9812, 8.7023,
19.2367

96.5083, 66.8035,
106.3408

11.0361, 4.5475,
11.6629

123.5314, 88.5800,
136.5384

6.1586, 1.9843,
6.3948

155.1797,
114.6388, 171.9715

2.9833, 0.5983,
3.0140

191.8184,
145.3643, 213.0587

1.1450, 0.0000,
1.1018

233.8129,

0.0622, 0.0000,

181.1410, 260.2185

0.0000

281.5286,
222.3532, 313.8695

■ 0.0000, 0.0000,
0.0000

■ 39.5357, 23.3241,
42.9757

■ 39.5357, 23.3241,
42.9757

■ 37.6300, 20.5454,
39.1561

■ 41.9892, 27.1449,
47.1413

■ 36.2149, 18.6961,
35.6605

■ 45.0357, 32.0984,
51.6696

■ 35.2237, 17.6432,
32.4643

■ 48.7180, 38.2693,
56.5775

■ 34.8493, 17.3145,
31.0448

■ 53.0744, 45.7331,
61.8797

■ 58.1398, 54.5594,
67.5902

■ 63.9469, 64.8124,
73.7220

■ 70.5261, 76.5526,
80.2873

■ 77.9062, 89.8368,
87.2978

■ 80.0630, 92.6159,
92.7473

Harmonies

Analogous

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



33.3532, 23.3241, 74.5504



39.5357, 23.3241, 42.9757



40.5057, 23.3241, 18.5213

Triad

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



39.5357, 23.3241, 42.9757



19.6166, 23.3241, 2.2182



12.5509, 23.3241, 64.5400

Complementary

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



39.5357, 23.3241, 42.9757



31.7034, 53.5563, 26.4382

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.



10.4185, 23.3241, 33.7906



39.5357, 23.3241, 42.9757



13.8143, 23.3241, 4.6577

Square

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



39.5357, 23.3241, 42.9757



27.6684, 23.3241, 2.6079



10.8190, 23.3241, 13.4136



17.4511, 23.3241, 91.2643

Rectangle

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



39.5357, 23.3241, 42.9757



37.8728, 23.3241, 9.3171



10.8190, 23.3241, 13.4136



11.5456, 23.3241, 53.7754

Sweetspot

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



39.5364, 23.3253, 42.9761



78.4582, 70.6959, 91.4098



22.9660, 14.1997, 68.5485



16.3675, 14.3914, 19.0809



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.



39.5364, 23.3253, 42.9761



52.3738, 27.9840, 53.5605



34.3281, 21.2419, 15.5496



13.4349, 13.2031, 15.5514



20.7150, 10.2870, 18.6769



1.3799, 0.6816, 1.4094

Inverse Universe

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



39.5364, 23.3253, 42.9761



52.3738, 27.9840, 53.5605



37.6510, 55.9354, 57.7580



13.4349, 13.2031, 15.5514



20.7150, 10.2870, 18.6769



1.3799, 0.6816, 1.4094

Previews

White Background



This preview shows how the XYZ color 39.5357, 23.3241, 42.9757 looks on a white background.

Color Contrast Check

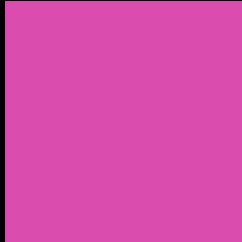
Large Text (above 18pt) WCAG AA ✓ Pass

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 39.5357, 23.3241, 42.9757 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

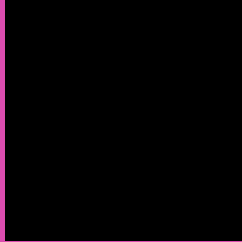
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 39.5357, 23.3241, 42.9757

Background



This preview shows how black text looks on a background with the XYZ color 39.5357, 23.3241, 42.9757.



This preview shows how white text looks on a background with the XYZ color 39.5357, 23.3241,

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

39.5357, 23.3241, 42.9757

Protanopia

25.6745, 23.6239, 69.5363

Deuteranopia

24.1446, 23.6897, 39.8592



Tritanopia

33.6419, 23.1408, 15.2639

Trichromacy



Original Color

39.5357, 23.3241, 42.9757



Protanomaly

27.3919, 21.1669, 58.5190



Deuteranomaly

27.8404, 21.9525, 40.8001



Tritanomaly

35.4765, 23.0115, 23.3407

Monochromacy



Original Color

39.5357, 23.3241, 42.9757



Achromatopsia

21.2178, 22.3228, 24.3095



Achromatomaly

25.6645, 20.9086, 29.8772

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.5357, 23.3241, 42.9757 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(219, 76, 175)` looks like.

```
.text, #text, p{  
    color:rgb(219, 76, 175)  
}
```

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(219, 76, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 76, 175) }
```

Border

The CSS property to change the border of an element to XYZ 39.5357, 23.3241, 42.9757 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(219, 76, 175) }
```


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

```
.border{ border-color:rgb(219, 76, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 76, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(219, 76, 175); -webkit-box-shadow:4px 4px 4px 4px rgb(219, 76, 175); box-shadow:4px 4px 4px 4px rgb(219, 76, 175) }
```

Background

The CSS property to change the background color of an element to XYZ 39.5357, 23.3241, 42.9757 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 76, 175) }
```

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

```
.background{ background-color: rgb(219, 76,  
175) }
```

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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