

Converting Colors

XYZ(39.4011, 23.0853, 34.5819)

Have a look what the booklet for
XYZ(39.4011, 23.0853, 34.5819)
contains.

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Color

**XYZ(39.5403, 23.1109,
34.7246)**

Conversions

Conversions Part 1

Format	Color
Hex	E1489E
RGB	225, 72, 158
RGB Percent	88%, 28%, 62%
CMY	0.1176, 0.7176, 0.3804
CMYK	0.00, 0.68, 0.30, 0.12
HSL	326°, 72%, 58%
HSV	326°, 68%, 88%
XYZ	39.5403, 23.1109, 34.7246
YIQ	127.5510, 63.5820, 59.1820

Conversions

Conversions Part 2

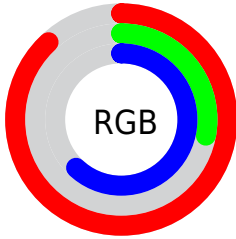
Format	Color
R _Y B	225, 72, 158
Decimal	14764190
CIE Lab	55.19, 66.42, -13.91
CIE LCh	55, 67.856, 348.172
Yxy	23.1109, 0.4061, 0.2373
Android (android.graphics.Color)	4292954270 (0xFFE1489E)
YUV	127.5510, 15.0114, 85.4628
Hunter-Lab	48.0738, 62.6856, -9.1746

Details

The XYZ color **39.5403, 23.1109, 34.7246** 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 **34.2593, 57.0930, 33.6438**, and the grayscale version is **20.2982, 21.3553, 23.2559**.

A 20% lighter version of the original color is **61.2329, 42.0294, 67.8359**, and **18.1709, 9.0609, 14.7011** is the 20% darker color. If you saturate the color by 10%, you get **37.5281, 20.3898, 30.0357**, and if you desaturate by 10%, it is **42.1538, 26.9255, 39.9499**.

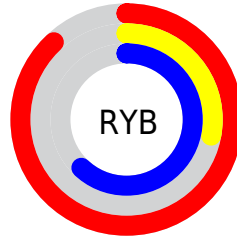
Distribution



Red (88%)

Green (28%)

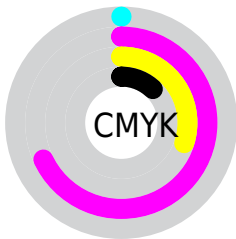
Blue (62%)



Red (88%)

Yellow (28%)

Blue (62%)

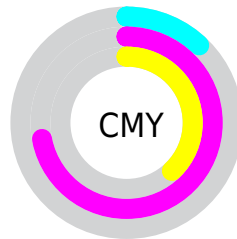


Cyan (0%)

Magenta (68%)

Yellow (30%)

Black (12%)



Cyan (12%)


Magenta (72%)


Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.5403, 23.1109, 34.7246 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 39.5403, 23.1109, 34.7246 by changing the saturation by 10% instead.

 39.5403, 23.1109,
34.7246


 39.5403, 23.1109,
34.7246


335.3499,
268.2941, 338.2183


 27.3629, 14.6754,
23.1690


 73.7518, 48.5754,
68.2056


 17.9840, 8.5919,
14.5118


 96.5166, 66.3731,
90.9681


 11.0381, 4.4760,
8.3347


 123.5413, 88.0604,
118.3033

 6.1599, 1.9432,
4.2190

 155.1912,
114.0217, 150.6296

 2.9842, 0.5742,
1.7463

 191.8316,
144.6413, 188.3658

 1.1454, 0.0000,
0.3921

233.8280,

 0.0626, 0.0000,

180.3036, 231.9303

0.0000

281.5456,
221.3931, 281.7416

■ 0.0000, 0.0000,
0.0000

■ 39.5403, 23.1109,
34.7246

■ 39.5403, 23.1109,
34.7246

■ 37.5281, 20.3898,
30.0357

■ 42.1538, 26.9255,
39.9499

■ 36.0523, 18.6354,
25.8531

■ 45.4203, 31.9349,
45.7358


■ 35.0257, 17.6756,
22.1399


■ 49.3878, 38.2325,
52.1058


■ 34.8475, 17.5260,
21.4427

■ 54.0990, 45.9016,
59.0812

■ 59.5931, 55.0185,
66.6821

 65.9066, 65.6537,
74.9272

 73.0735, 77.8730,
83.8345

 81.1257, 91.7385,
93.4209

 83.5509, 94.2234,
101.5218

Harmonies

Analogous

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



34.7134, 23.1109, 64.5215



39.5403, 23.1109, 34.7246



38.9258, 23.1109, 14.2625

Triad

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



39.5403, 23.1109, 34.7246



17.7274, 23.1109, 2.6919



13.6103, 23.1109, 70.8361

Complementary

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



39.5403, 23.1109, 34.7246



34.2593, 57.0930, 33.6438

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.



10.8254, 23.1109, 40.5540



39.5403, 23.1109, 34.7246



12.7981, 23.1109, 6.3311

Square

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



39.5403, 23.1109, 34.7246



25.0907, 23.1109, 2.4314



10.5670, 23.1109, 17.5419



19.1125, 23.1109, 92.1073

Rectangle

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



39.5403, 23.1109, 34.7246



35.5304, 23.1109, 7.1791



10.5670, 23.1109, 17.5419



12.3858, 23.1109, 60.7760

Sweetspot

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



39.5410, 23.1121, 34.7250



77.4931, 70.3098, 86.3273



26.4404, 15.5015, 72.8330



16.1354, 14.2986, 17.8587



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.



39.5410, 23.1121, 34.7250



48.8624, 25.8659, 37.2692



34.9003, 21.2558, 10.2876



14.0282, 13.8289, 15.9189



20.1403, 10.1231, 12.6708



1.4408, 0.7196, 1.1140

Inverse Universe

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



39.5410, 23.1121, 34.7250



48.8624, 25.8659, 37.2692



41.8386, 60.1248, 73.5561



14.0282, 13.8289, 15.9189



20.1403, 10.1231, 12.6708



1.4408, 0.7196, 1.1140

Previews

White Background



This preview shows how the XYZ color 39.5403, 23.1109, 34.7246 looks on a white background.

Color Contrast Check

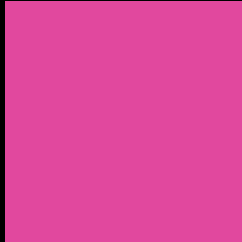
Large Text (above 18pt) WCAG AA ✓ Pass

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 39.5403, 23.1109, 34.7246 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

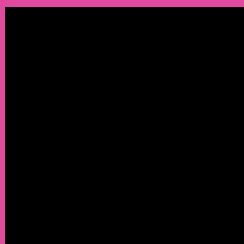
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 39.5403, 23.1109, 34.7246

Background



This preview shows how black text looks on a background with the XYZ color 39.5403, 23.1109, 34.7246.



This preview shows how white text looks on a background with the XYZ color 39.5403, 23.1109,

34.7246.

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

39.5403, 23.1109, 34.7246

Protanopia

24.7146, 23.3866, 57.8550

Deuteranopia

23.6718, 23.2209, 32.0886



Tritanopia

35.1080, 23.1686, 13.2113

Trichromacy



Original Color

39.5403, 23.1109, 34.7246



Protanomaly

26.9881, 21.0194, 48.5337



Deuteranomaly

27.4745, 21.4600, 32.8311



Tritanomaly

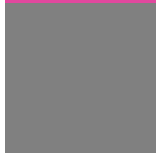
36.4283, 23.0005, 19.3492

Monochromacy



Original Color

39.5403, 23.1109, 34.7246



Achromatopsia

20.5175, 21.5861, 23.5072



Achromatomaly

25.1270, 20.3757, 27.0347

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.5403, 23.1109, 34.7246 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(225, 72, 158)` looks like.

```
.text, #text, p{  
    color:rgb(225, 72, 158)  
}
```

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(225, 72, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 72, 158) }
```

Border

The CSS property to change the border of an element to XYZ 39.5403, 23.1109, 34.7246 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(225, 72, 158) }
```


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

```
.border{ border-color:rgb(225, 72, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 72, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 72, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 72, 158);  
box-shadow:4px 4px 4px 4px rgb(225, 72,  
158) }
```

Background

The CSS property to change the background color of an element to XYZ 39.5403, 23.1109, 34.7246 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 72, 158) }
```

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

```
.background{ background-color: rgb(225, 72,  
158) }
```

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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