

Converting Colors

XYZ(39.2934, 23.0441, 34.0260)

Have a look what the booklet for
XYZ(39.2934, 23.0441, 34.0260)
contains.

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Color

**XYZ(39.3695, 23.0426,
33.8252)**

Conversions

Conversions Part 1

Format	Color
Hex	E1489C
RGB	225, 72, 156
RGB Percent	88%, 28%, 61%
CMY	0.1176, 0.7176, 0.3882
CMYK	0.00, 0.68, 0.31, 0.12
HSL	327°, 72%, 58%
HSV	327°, 68%, 88%
XYZ	39.3695, 23.0426, 33.8252
YIQ	127.3230, 64.2240, 58.5600

Conversions

Conversions Part 2

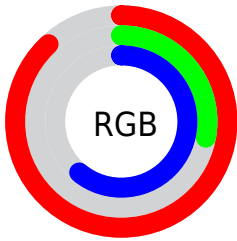
Format	Color
R _Y B	225, 72, 156
Decimal	14764188
CIE Lab	55.12, 66.18, -12.84
CIE LCh	55, 67.414, 349.021
Yxy	23.0426, 0.4091, 0.2394
Android (android.graphics.Color)	4292954268 (0xFFE1489C)
YUV	127.3230, 14.1378, 85.6627
Hunter-Lab	48.0027, 62.3923, -8.1769

Details

The XYZ color **39.3695, 23.0426, 33.8252** 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 **34.4068, 57.1520, 34.4207**, and the grayscale version is **20.2225, 21.2756, 23.1692**.

A 20% lighter version of the original color is **60.9805, 41.9284, 66.5070**, and **18.0669, 9.0193, 14.1533** is the 20% darker color. If you saturate the color by 10%, you get **37.3480, 20.3178, 29.0875**, and if you desaturate by 10%, it is **41.9961, 26.8625, 39.1192**.

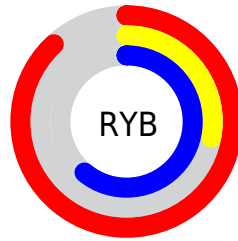
Distribution



Red (88%)

Green (28%)

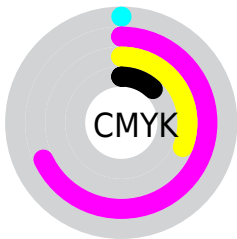
Blue (61%)



Red (88%)

Yellow (28%)

Blue (61%)

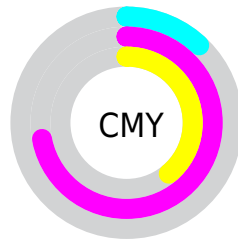


Cyan (0%)

Magenta (68%)

Yellow (31%)

Black (12%)



Cyan (12%)


Magenta (72%)


Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.3695, 23.0426, 33.8252 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 39.3695, 23.0426, 33.8252 by changing the saturation by 10% instead.

 39.3695, 23.0426,
33.8252


 39.3695, 23.0426,
33.8252


334.6391,
267.9437, 334.0973


 27.2293, 14.6250,
22.4831


 73.4929, 48.4633,
66.7925


 17.8830, 8.5566,
14.0106


 96.2068, 66.2351,
89.2548


 10.9652, 4.4531,
7.9892


 123.1761, 87.8938,
116.2609

 6.1106, 1.9301,
4.0004

 154.7660,
113.8237, 148.2293

 2.9537, 0.5664,
1.6255

 191.3418,
144.4092, 185.5786

 1.1293, 0.0000,
0.3089

233.2691,

 0.0494, 0.0000,

180.0348, 228.7274

0.0000

280.9130,
221.0849, 278.0941

■ 0.0000, 0.0000,
0.0000

■ 39.3695, 23.0426,
33.8252

■ 39.3695, 23.0426,
33.8252

■ 37.3480, 20.3178,
29.0875

■ 41.9961, 26.8625,
39.1192

■ 35.8666, 18.5611,
24.8752

■ 45.2796, 31.8786,
44.9946


■ 34.8378, 17.6004,
21.1504


■ 49.2681, 38.1847,
51.4756

■ 34.6595, 17.4508,
20.4530


■ 54.0046, 45.8640,
58.5842

■ 59.5284, 54.9927,
66.3413

 65.8761, 65.6415,
74.7661

 73.0817, 77.8764,
83.8774

 81.1773, 91.7592,
93.6926

 83.6508, 94.2633,
102.0479

Harmonies

Analogous

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



34.7215, 23.0426, 63.1888



39.3695, 23.0426, 33.8252



38.5992, 23.0426, 13.8748

Triad

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



39.3695, 23.0426, 33.8252



17.5215, 23.0426, 2.7784



13.7263, 23.0426, 71.0933

Complementary

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



39.3695, 23.0426, 33.8252



34.4068, 57.1520, 34.4207

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.



10.8839, 23.0426, 41.1376



39.3695, 23.0426, 33.8252



12.7035, 23.0426, 6.5600

Square

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



39.3695, 23.0426, 33.8252



24.7702, 23.0426, 2.4462



10.5582, 23.0426, 18.0044



19.2629, 23.0426, 91.5873

Rectangle

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



39.3695, 23.0426, 33.8252



35.1550, 23.0426, 7.0131



10.5582, 23.0426, 18.0044



12.4839, 23.0426, 61.2039

Sweetspot

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



39.3702, 23.0438, 33.8256



77.3982, 70.2719, 85.8275



26.8685, 15.7222, 72.8530



16.1127, 14.2895, 17.7389



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.



39.3702, 23.0438, 33.8256



48.6192, 25.7686, 35.9887



34.8048, 21.2176, 9.7844



14.0205, 13.8258, 15.8782



20.0321, 10.0798, 12.1005



1.4335, 0.7167, 1.0755

Inverse Universe

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



39.3702, 23.0438, 33.8256



48.6192, 25.7686, 35.9887



42.1685, 60.2567, 75.2933



14.0205, 13.8258, 15.8782



20.0321, 10.0798, 12.1005



1.4335, 0.7167, 1.0755

Previews

White Background



This preview shows how the XYZ color 39.3695, 23.0426, 33.8252 looks on a white background.

Color Contrast Check

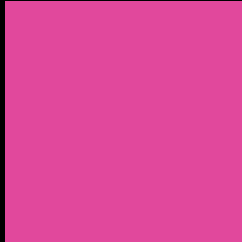
Large Text (above 18pt) WCAG AA ✓ Pass

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 39.3695, 23.0426, 33.8252 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

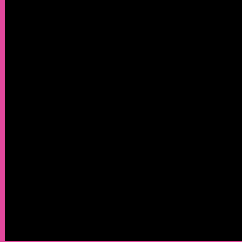
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 39.3695, 23.0426, 33.8252

Background



This preview shows how black text looks on a background with the XYZ color 39.3695, 23.0426, 33.8252.



This preview shows how white text looks on a background with the XYZ color 39.3695, 23.0426,

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

39.3695, 23.0426, 33.8252

Protanopia

24.4911, 23.3115, 56.0321

Deuteranopia

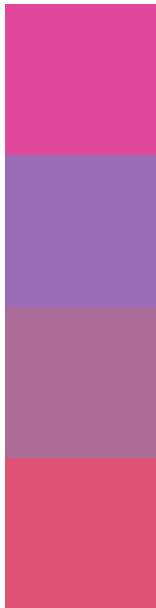
23.6768, 23.2419, 31.2552



Tritanopia

35.0253, 23.0032, 13.1837

Trichromacy



Original Color

39.3695, 23.0426, 33.8252

Protanomaly

26.8610, 20.9901, 46.8917

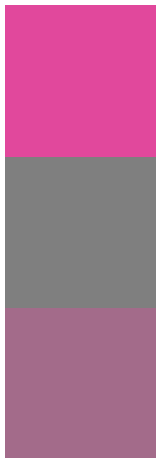
Deuteranomaly

27.5260, 21.5055, 31.9784

Tritanomaly

36.3524, 22.8485, 19.3238

Monochromacy



Original Color

39.3695, 23.0426, 33.8252

Achromatopsia

20.1725, 21.2231, 23.1119

Achromatomaly

24.9494, 20.1369, 26.6166

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.3695, 23.0426, 33.8252 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, 156)` looks like.

```
.text, #text, p{  
    color:rgb(225, 72, 156)  
}
```

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, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 72, 156) }
```

Border

The CSS property to change the border of an element to XYZ 39.3695, 23.0426, 33.8252 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, 156) }
```


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

```
.border{ border-color:rgb(225, 72, 156) }
```

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, 156) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 72, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 72, 156);  
box-shadow:4px 4px 4px 4px rgb(225, 72,  
156) }
```

Background

The CSS property to change the background color of an element to XYZ 39.3695, 23.0426, 33.8252 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, 156) }
```

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

```
.background{ background-color: rgb(225, 72,  
156) }
```

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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