

Converting Colors

XYZ(34.8057, 10.8518, 35.2851)

Have a look what the booklet for
XYZ(34.8057, 10.8518, 35.2851)
contains.

XYZ(39.0139, 19.3383, 36.7984)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(39.0139, 19.3383,
36.7984)**

Conversions

Conversions Part 1

Format	Color
Hex	E500A4
RGB	229, 0, 164
RGB Percent	90%, 0%, 64%
CMY	0.1020, 0.9998, 0.3569
CMYK	0.00, 1.00, 0.28, 0.10
HSL	317°, 100%, 45%
HSV	317°, 100%, 90%
XYZ	39.0139, 19.3383, 36.7984
YIQ	87.1670, 83.8400, 99.5520

Conversions

Conversions Part 2

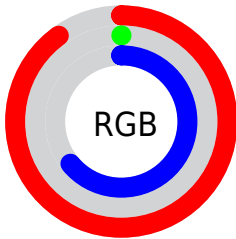
Format	Color
RYB	229, 0, 164
Decimal	15007908
CIELab	51.08, 82.45, -23.65
CIElCh	51, 85.775, 343.992
Yxy	19.3383, 0.4100, 0.2032
Android (android.graphics.Color)	4293197988 (0xFFE500A4)
YUV	87.1670, 37.8787, 124.3875
Hunter-Lab	43.9753, 81.4042, -18.8309

Details

The XYZ color **39.0139, 19.3383, 36.7984** is a dark color, and the websafe version is hex **CC0099**. The color can be described as middle washed rose. A complement of this color would be **28.9753, 56.4212, 14.3710**, and the grayscale version is **9.0088, 9.4779, 10.3215**.

A 20% lighter version of the original color is **58.2091, 34.7402, 70.6554**, and **19.0731, 9.4947, 16.1566** is the 20% darker color. If you saturate the color by 10%, you get **39.0129, 19.3379, 36.7926**, and if you desaturate by 10%, it is **39.9217, 20.1899, 40.0724**.

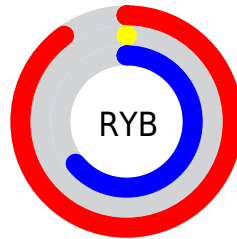
Distribution



Red (90%)

Green (0%)

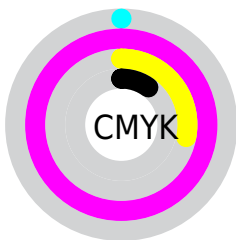
Blue (64%)



Red (90%)

Yellow (0%)

Blue (64%)

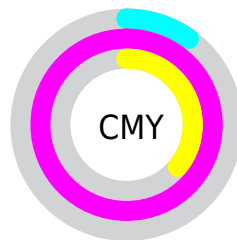


Cyan (0%)

Magenta (100%)

Yellow (28%)

Black (10%)



Cyan (10%)


Magenta (100%)


Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.0139, 19.3383, 36.7984 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 39.0139, 19.3383, 36.7984 by changing the saturation by 10% instead.


 39.0139, 19.3383,
36.7984


 39.0139, 19.3383,
36.7984


333.1557,
248.3101, 347.5793


 26.9513, 11.9150,
24.7569


 72.9535, 42.3050,
71.4455


 17.6731, 6.6858,
15.6786


 95.5612, 58.6171,
94.8881


 10.8138, 3.2664,
9.1452


 122.4147, 78.6610,
122.9682

 6.0081, 1.2723,
4.7379

 153.8792,
102.8210, 156.1043

 2.8907, 0.1196,
2.0383

 190.3203,
131.4815, 194.7149

 1.0962, 0.0000,
0.5787

 232.1031,

 0.0220, 0.0000,

165.0269, 239.2185

0.0000

279.5932,
203.8416, 290.0338

■ 0.0000, 0.0000,
0.0000

■ 39.0139, 19.3383,
36.7984

■ 39.0139, 19.3383,
36.7984

■ 39.0129, 19.3379,
36.7926

■ 39.9217, 20.1899,
40.0724

■ 41.2202, 21.7743,
43.6268

■ 43.0254, 24.3229,
47.5024

■ 45.4044, 27.9688,
51.7237

■ 48.4137, 32.8245,
56.3115

■ 52.1026, 38.9882,
61.2842

■ 56.5156, 46.5480,
66.6586

■ 61.6931, 55.5844,
72.4500

■ 67.6728, 66.1717,
78.6730

Harmonies

Analogous

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



32.2437, 19.3383, 75.9426



39.0139, 19.3383, 36.7984



39.2605, 19.3383, 11.6389

Triad

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



39.0139, 19.3383, 36.7984



14.7023, 19.3383, 0.3384



8.9449, 19.3383, 73.2332

Complementary

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



39.0139, 19.3383, 36.7984



28.9753, 56.4212, 14.3710

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.



6.6384, 19.3383, 34.5355



39.0139, 19.3383, 36.7984



9.1992, 19.3383, 2.1367

Square

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



39.0139, 19.3383, 36.7984



23.2708, 19.3383, 0.3930



6.7143, 19.3383, 10.5987



14.2283, 19.3383, 105.8175

Rectangle

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



39.0139, 19.3383, 36.7984



35.5526, 19.3383, 4.2235



6.7143, 19.3383, 10.5987



7.8802, 19.3383, 59.6081

Sweetspot

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



39.0145, 19.3394, 36.7987



72.0084, 59.1994, 84.9335



16.3177, 6.7790, 74.5773



14.8783, 11.7506, 17.5439



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.



39.0145, 19.3394, 36.7987



49.7463, 24.6625, 46.7236



32.8819, 16.8863, 4.5047



14.8115, 14.5418, 17.2076



22.3598, 11.0781, 21.3213



1.6917, 0.8344, 1.7830

Inverse Universe

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



39.0145, 19.3394, 36.7987



49.7463, 24.6625, 46.7236



36.1964, 59.3096, 52.3967



14.8115, 14.5418, 17.2076



22.3598, 11.0781, 21.3213



1.6917, 0.8344, 1.7830

Previews

White Background



This preview shows how the XYZ color 39.0139, 19.3383, 36.7984 looks on a white background.

Color Contrast Check

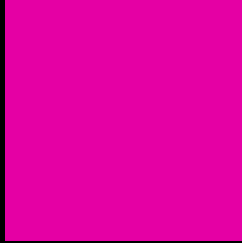
Large Text (above 18pt) WCAG AA ✓ Pass

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 39.0139, 19.3383, 36.7984 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

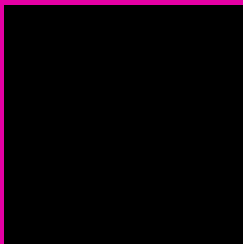
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 39.0139, 19.3383, 36.7984

Background



This preview shows how black text looks on a background with the XYZ color 39.0139, 19.3383, 36.7984.



This preview shows how white text looks on a background with the XYZ color 39.0139, 19.3383,

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

39.0139, 19.3383, 36.7984

Protanopia

23.4922, 20.3656, 80.5347

Deuteranopia

20.3329, 19.9677, 32.9195



Tritanopia

33.0579, 19.7275, 7.5343

Trichromacy



Original Color

39.0139, 19.3383, 36.7984



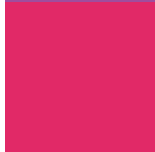
Protanomaly

22.1191, 13.9099, 61.8407



Deuteranomaly

23.2369, 15.2157, 33.6105



Tritanomaly

34.2925, 18.5727, 14.6094

Monochromacy



Original Color

39.0139, 19.3383, 36.7984



Achromatopsia

9.0590, 9.5307, 10.3790



Achromatomaly

15.1082, 9.4591, 17.2492

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.0139, 19.3383, 36.7984 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(229, 0, 164)` looks like.

```
.text, #text, p{  
    color:rgb(229, 0, 164)  
}
```

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(229, 0, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 0, 164) }
```

Border

The CSS property to change the border of an element to XYZ 39.0139, 19.3383, 36.7984 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(229, 0, 164) }
```


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

```
.border{ border-color:rgb(229, 0, 164) }
```

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

Here you see how a box with a 4 pixel rgb(229, 0, 164) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 0, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 0, 164);  
box-shadow:4px 4px 4px 4px rgb(229, 0,  
164) }
```

Background

The CSS property to change the background color of an element to XYZ 39.0139, 19.3383, 36.7984 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 0, 164) }
```

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

```
.background{ background-color: rgb(229, 0,  
164) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor