

Converting Colors

XYZ(39.6457, 19.6095, 39.2911)

Have a look what the booklet for
XYZ(39.6457, 19.6095, 39.2911)
contains.

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Color

**XYZ(39.7946, 19.6876,
39.2388)**

Conversions

Conversions Part 1

Format	Color
Hex	E600A9
RGB	230, 0, 169
RGB Percent	90%, 0%, 66%
CMY	0.0980, 0.9998, 0.3373
CMYK	0.00, 1.00, 0.27, 0.10
HSL	316°, 100%, 45%
HSV	316°, 100%, 90%
XYZ	39.7946, 19.6876, 39.2388
YIQ	88.0360, 82.8310, 101.3190

Conversions

Conversions Part 2

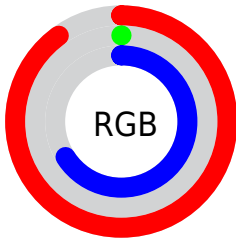
Format	Color
R_{YB}	230, 0, 169
Decimal	15073449
CIE _{Lab}	51.48, 83.18, -25.98
CIE _{LCh}	51, 87.142, 342.657
Yxy	19.6876, 0.4031, 0.1994
Android (android.graphics.Color)	4293263529 (0xFFE600A9)
YUV	88.0360, 39.9153, 124.5024
Hunter-Lab	44.3707, 82.4419, -21.3730

Details

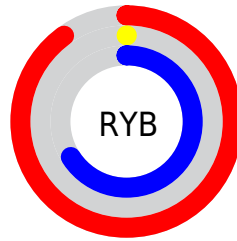
The XYZ color **39.7946, 19.6876, 39.2388** is a dark color, and the websafe version is hex **CC0099**. The color can be described as middle washed rose. A complement of this color would be **29.1411, 56.9316, 13.8745**, and the grayscale version is **9.1925, 9.6712, 10.5320**.

A 20% lighter version of the original color is **58.8774, 35.0076, 74.1750**, and **19.5731, 9.7194, 17.6740** is the 20% darker color. If you saturate the color by 10%, you get **39.7936, 19.6872, 39.2328**, and if you desaturate by 10%, it is **40.6884, 20.5369, 42.4293**.

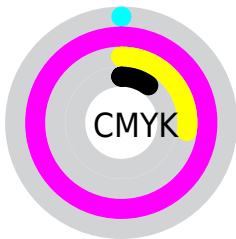
Distribution



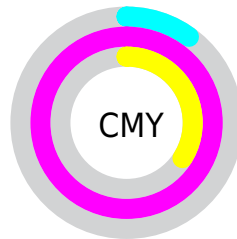
- Red (90%)
- Green (0%)
- Blue (66%)



- Red (90%)
- Yellow (0%)
- Blue (66%)



- Cyan (0%)
- Magenta (100%)
- Yellow (27%)
- Black (10%)





- Cyan (10%)
- Magenta (100%)
- Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.7946, 19.6876, 39.2388 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 39.7946, 19.6876, 39.2388 by changing the saturation by 10% instead.


 39.7946, 19.6876,
39.2388


 39.7946, 19.6876,
39.2388


336.4064,
250.2189, 358.3609


 27.5619, 12.1682,
26.6363


 74.1370, 42.8928,
75.2273


 18.1345, 6.8583,
17.0702


 96.9774, 59.3474,
99.4504


 11.1468, 3.3736,
10.1221


 124.0844, 79.5491,
128.3842

 6.2337, 1.3298,
5.3733

 155.8234,
103.8823, 162.4471

 3.0297, 0.1641,
2.4054

 192.5598,
132.7316, 202.0576

 1.1695, 0.0000,
0.7894

 234.6588,

 0.0821, 0.0000,

166.4811, 247.6344

0.0000

282.4859,
205.5154, 299.5960

■ 0.0000, 0.0000,
0.0000

■ 39.7946, 19.6876,
39.2388

■ 39.7946, 19.6876,
39.2388

■ 39.7936, 19.6872,
39.2328

■ 40.6884, 20.5369,
42.4293

■ 41.9734, 22.1253,
45.8836

■ 43.7665, 24.6860,
49.6427

■ 46.1354, 28.3539,
53.7307

■ 49.1371, 33.2424,
58.1683

■ 52.8215, 39.4507,
62.9738

■ 57.2334, 47.0681,
68.1637

■ 62.4136, 56.1757,
73.7531

■ 68.4001, 66.8486,
79.7562

Harmonies

Analogous

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



32.5786, 19.6876, 79.9530



39.7946, 19.6876, 39.2388



40.3861, 19.6876, 12.5199

Triad

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



39.7946, 19.6876, 39.2388



15.2640, 19.6876, 0.2613



8.8689, 19.6876, 73.4403

Complementary

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



39.7946, 19.6876, 39.2388



29.1411, 56.9316, 13.8745

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.



6.6322, 19.6876, 33.8169



39.7946, 19.6876, 39.2388



9.4732, 19.6876, 1.9428

Square

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



39.7946, 19.6876, 39.2388



24.1870, 19.6876, 0.3902



6.8121, 19.6876, 10.0455



14.1334, 19.6876, 108.1158

Rectangle

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



39.7946, 19.6876, 39.2388



36.7438, 19.6876, 4.5348



6.8121, 19.6876, 10.0455



7.8241, 19.6876, 59.3466

Sweetspot

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



39.7952, 19.6887, 39.2391



72.2131, 59.2814, 86.0117



16.0015, 6.5999, 75.2938



14.9275, 11.7702, 17.8027



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.



39.7952, 19.6887, 39.2391



50.2478, 24.8631, 49.3644



33.3857, 17.1249, 5.4871



14.8233, 14.5465, 17.2700



22.5819, 11.1670, 22.4910



1.7066, 0.8404, 1.8616

Inverse Universe

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



39.7952, 19.6887, 39.2391



50.2478, 24.8631, 49.3644



35.7932, 59.5924, 48.9041



14.8233, 14.5465, 17.2700



22.5819, 11.1670, 22.4910



1.7066, 0.8404, 1.8616

Previews

White Background



This preview shows how the XYZ color 39.7946, 19.6876, 39.2388 looks on a white background.

Color Contrast Check

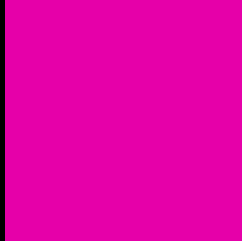
Large Text (above 18pt) WCAG AA ✓ Pass

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 39.7946, 19.6876, 39.2388 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 39.7946, 19.6876, 39.2388

Background



This preview shows how black text looks on a background with the XYZ color 39.7946, 19.6876, 39.2388.



This preview shows how white text looks on a background with the XYZ color 39.7946, 19.6876,

39.2388.

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

39.7946, 19.6876, 39.2388

Protanopia

23.9660, 20.5085, 85.1335

Deuteranopia

20.7388, 20.3096, 35.1748



Tritanopia

33.5441, 20.1445, 7.9147

Trichromacy



Original Color

39.7946, 19.6876, 39.2388



Protanomaly

22.1933, 13.8755, 65.1268



Deuteranomaly

23.5441, 15.4283, 35.9195



Tritanomaly

34.8294, 18.9371, 15.4552

Monochromacy



Original Color

39.7946, 19.6876, 39.2388



Achromatopsia

9.2757, 9.7587, 10.6273



Achromatomaly

15.4403, 9.6882, 17.8858

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.7946, 19.6876, 39.2388 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(230, 0, 169)` looks like.

```
.text, #text, p{  
    color:rgb(230, 0, 169)  
}
```

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(230, 0, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 0, 169) }
```

Border

The CSS property to change the border of an element to XYZ 39.7946, 19.6876, 39.2388 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(230, 0, 169) }
```


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

```
.border{ border-color:rgb(230, 0, 169) }
```

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

Here you see how a box with a 4 pixel rgb(230, 0, 169) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 0, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 0, 169);  
box-shadow:4px 4px 4px 4px rgb(230, 0,  
169) }
```

Background

The CSS property to change the background color of an element to XYZ 39.7946, 19.6876, 39.2388 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 0, 169) }
```

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

```
.background{ background-color: rgb(230, 0,  
169) }
```

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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