

Converting Colors

XYZ(39.4785, 18.9900, 63.3809)

Have a look what the booklet for
XYZ(39.4785, 18.9900, 63.3809)
contains.

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Color

**XYZ(39.4894, 18.9993,
63.2139)**

Conversions

Conversions Part 1

Format	Color
Hex	D600D3
RGB	214, 0, 211
RGB Percent	84%, 0%, 83%
CMY	0.1608, 0.9999, 0.1725
CMYK	0.00, 1.00, 0.01, 0.16
HSL	301°, 100%, 42%
HSV	301°, 100%, 84%
XYZ	39.4894, 18.9993, 63.2139
YIQ	88.0400, 59.8130, 110.9890

Conversions

Conversions Part 2

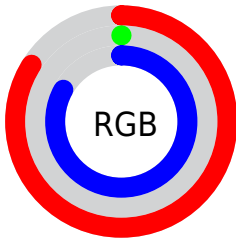
Format	Color
RYB	214, 0, 211
Decimal	14024915
CIELab	50.69, 85.65, -51.87
CIElCh	51, 100.133, 328.802
Yxy	18.9993, 0.3245, 0.1561
Android (android.graphics.Color)	4292214995 (0xFFD600D3)
YUV	88.0400, 60.6193, 110.4669
Hunter-Lab	43.5882, 85.4355, -55.4738

Details

The XYZ color **39.4894, 18.9993, 63.2139** is a dark color, and the websafe version is hex **CC00CC**. The color can be described as middle washed magenta. A complement of this color would be **24.0639, 48.1006, 8.1032**, and the grayscale version is **9.1517, 9.6283, 10.4852**.

A 20% lighter version of the original color is **63.3822, 36.6644, 98.3441**, and **19.3272, 9.2703, 32.2232** is the 20% darker color. If you saturate the color by 10%, you get **39.4898, 18.9995, 63.2139**, and if you desaturate by 10%, it is **39.8037, 19.5669, 63.5046**.

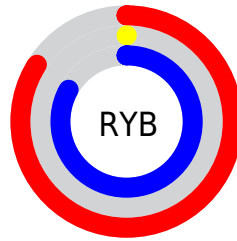
Distribution



Red (84%)

Green (0%)

Blue (83%)



Red (84%)

Yellow (0%)

Blue (83%)

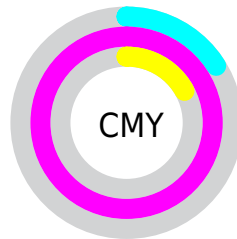


Cyan (0%)

Magenta (100%)

Yellow (1%)

Black (16%)



Cyan (16%)


Magenta (100%)


Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.4894, 18.9993, 63.2139 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 39.4894, 18.9993, 63.2139 by changing the saturation by 10% instead.


 39.4894, 18.9993,
63.2139

 39.4894, 18.9993,
63.2139


335.1382,
246.4449, 454.4747


 27.3231, 11.6698,
45.5722


 73.6747, 41.7329,
111.0666

 17.9539, 6.5192,
31.5621


 96.4243, 57.9058,
142.1146


 11.0164, 3.1633,
20.7652


 123.4325, 77.7952,
178.4685

 6.1452, 1.2176,
12.7629

 155.0645,
101.7857, 220.5468

 2.9751, 0.0760,
7.1367

 191.6857,
130.2614, 268.7680

 1.1406, 0.0000,
3.4680

 233.6615,

 0.0587, 0.0000,

163.6070, 323.5507

1.3383

281.3572,
202.2067, 385.3134

■ 0.0000, 0.0000,
0.0929

■ 0.0000, 0.0000,
0.0000

■ 39.4894, 18.9993,
63.2139

■ 39.4894, 18.9993,
63.2139

■ 39.4898, 18.9995,
63.2139

■ 39.8037, 19.5669,
63.5046

■ 40.4230, 20.7453,
63.8972

■ 41.4496, 22.7379,
64.4259

■ 42.9395, 25.6570,
65.1094

■ 44.9400, 29.5974,
65.9635

■ 47.4927, 34.6419,
67.0019

■ 50.6348, 40.8651,
68.2372

■ 54.4002, 48.3349,
69.6806

■ 58.8205, 57.1142,
71.3426

Harmonies

Analogous

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



28.7620, 18.9993, 113.3898



39.4894, 18.9993, 63.2139



44.2609, 18.9993, 21.8379

Triad

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



39.4894, 18.9993, 63.2139



18.4558, 18.9993, 0.0000



6.0553, 18.9993, 59.1808

Complementary

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



39.4894, 18.9993, 63.2139



24.0639, 48.1006, 8.1032

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.



4.9986, 18.9993, 19.5773



39.4894, 18.9993, 63.2139



10.4065, 18.9993, 0.0000

Square

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



39.4894, 18.9993, 63.2139



29.7043, 18.9993, 0.1215



6.2477, 18.9993, 3.4207



9.9404, 18.9993, 109.9126

Rectangle

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



39.4894, 18.9993, 63.2139



42.4626, 18.9993, 7.6993



6.2477, 18.9993, 3.4207



5.4368, 18.9993, 43.4538

Sweetspot

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



39.4902, 19.0002, 63.2143



75.1378, 60.4512, 101.4128



12.1385, 4.8560, 63.9167



15.6357, 12.0535, 21.5321



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.



39.4902, 19.0002, 63.2143



58.7195, 28.2518, 93.9756



30.3870, 15.3589, 15.2776



12.9452, 12.6296, 15.6515



23.8722, 11.4852, 38.2265



1.4423, 0.6937, 2.3186

Inverse Universe

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



39.4902, 19.0002, 63.2143



58.7195, 28.2518, 93.9756



26.7020, 49.1558, 21.9952



12.9452, 12.6296, 15.6515



23.8722, 11.4852, 38.2265



1.4423, 0.6937, 2.3186

Previews

White Background



This preview shows how the XYZ color 39.4894, 18.9993, 63.2139 looks on a white background.

Color Contrast Check

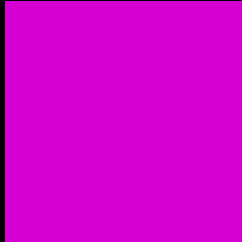
Large Text (above 18pt) WCAG AA ✓ Pass

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 39.4894, 18.9993, 63.2139 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 39.4894, 18.9993, 63.2139

Background



This preview shows how black text looks on a background with the XYZ color 39.4894, 18.9993, 63.2139.



This preview shows how white text looks on a background with the XYZ color 39.4894, 18.9993,

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

39.4894, 18.9993, 63.2139

Deuteranopia

20.2565, 19.7796, 56.1763

Tritanopia

28.9421, 19.3086, 11.4340

Trichromacy



Original Color

39.4894, 18.9993, 63.2139

Deuteranomaly

22.1081, 14.1962, 58.0748

Tritanomaly

30.9603, 17.3615, 23.9096

Monochromacy



Original Color

39.4894, 18.9993, 63.2139

Achromatopsia

9.2757, 9.7587, 10.6273

Achromatomaly

15.4793, 9.5901, 23.2255

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.4894, 18.9993, 63.2139 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(214, 0, 211)` looks like.

```
.text, #text, p{  
    color:rgb(214, 0, 211)  
}
```

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(214, 0, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 0, 211) }
```

Border

The CSS property to change the border of an element to XYZ 39.4894, 18.9993, 63.2139 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(214, 0, 211) }
```

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

```
.border{ border-color:rgb(214, 0, 211) }
```

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

Here you see how a box with a 4 pixel rgb(214, 0, 211) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 0, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 0, 211);  
box-shadow:4px 4px 4px 4px rgb(214, 0,  
211) }
```


Background

The CSS property to change the background color of an element to XYZ 39.4894, 18.9993, 63.2139 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 0, 211) }
```

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

```
.background{ background-color: rgb(214, 0,  
211) }
```

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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