

Converting Colors

XYZ(39.1896, 19.1922, 47.5392)

Have a look what the booklet for
XYZ(39.1896, 19.1922, 47.5392)
contains.

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Color

**XYZ(39.1884, 19.1908,
47.5377)**

Conversions

Conversions Part 1

Format	Color
Hex	DF00B9
RGB	223, 0, 185
RGB Percent	87%, 0%, 73%
CMY	0.1255, 0.9998, 0.2745
CMYK	0.00, 1.00, 0.17, 0.13
HSL	310°, 100%, 44%
HSV	310°, 100%, 87%
XYZ	39.1884, 19.1908, 47.5377
YIQ	87.7670, 73.5230, 104.8110

Conversions

Conversions Part 2

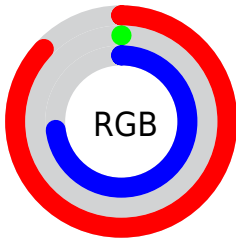
Format	Color
R_{YB}	223, 0, 185
Decimal	14614713
CIE _{Lab}	50.91, 83.74, -36.36
CIE _{LCh}	51, 91.293, 336.527
Yxy	19.1908, 0.3700, 0.1812
Android (android.graphics.Color)	4292804793 (0xFFDF00B9)
YUV	87.7670, 47.9359, 118.5993
Hunter-Lab	43.8073, 83.0167, -33.6737

Details

The XYZ color **39.1884, 19.1908, 47.5377** is a dark color, and the websafe version is hex **FF33CC**. The color can be described as middle washed rose. A complement of this color would be **26.7389, 52.9162, 10.6419**, and the grayscale version is **9.1183, 9.5931, 10.4469**.

A 20% lighter version of the original color is **61.4499, 36.0365, 87.7214**, and **19.2010, 9.4252, 22.2800** is the 20% darker color. If you saturate the color by 10%, you get **39.1879, 19.1906, 47.5339**, and if you desaturate by 10%, it is **39.8888, 19.9406, 49.7775**.

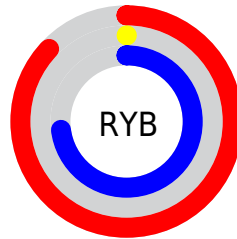
Distribution



Red (87%)

Green (0%)

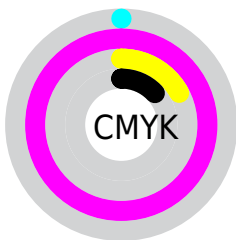
Blue (73%)



Red (87%)

Yellow (0%)

Blue (73%)

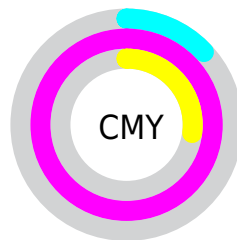


Cyan (0%)

Magenta (100%)

Yellow (17%)

Black (13%)



Cyan (13%)


Magenta (100%)


Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.1884, 19.1908, 47.5377 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 39.1884, 19.1908, 47.5377 by changing the saturation by 10% instead.

 39.1884, 19.1908,
47.5377


 39.1884, 19.1908,
47.5377


333.8842,
247.5001, 393.4125

 27.0877, 11.8082,
33.1035


 73.2183, 42.0563,
87.8741


 17.7760, 6.6132,
21.9340


 95.8782, 58.3079,
114.6133


 10.8880, 3.2214,
13.6106


 122.7885, 78.2848,
146.2914

 6.0583, 1.2484,
7.7147

 154.3146,
102.3711, 183.3268

 2.9216, 0.1007,
3.8278

 190.8219,
130.9515, 226.1381

 1.1124, 0.0000,
1.5313

 232.6757,

 0.0355, 0.0000,

164.4101, 275.1437

0.2411

280.2413,
203.1315, 330.7624

■ 0.0000, 0.0000,
0.0000

■ 39.1884, 19.1908,
47.5377

■ 39.1884, 19.1908,
47.5377

■ 39.1879, 19.1906,
47.5339

■ 39.8888, 19.9406,
49.7775

■ 40.9377, 21.3702,
52.1867

■ 42.4451, 23.6994,
54.8025

■ 44.4733, 27.0529,
57.6460

■ 47.0750, 31.5355,
60.7352

■ 50.2961, 37.2392,
64.0857

■ 54.1780, 44.2465,
67.7117

■ 58.7583, 52.6325,
71.6263

■ 64.0718, 62.4669,
75.8412

Harmonies

Analogous

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



30.6148, 19.1908, 91.4830



39.1884, 19.1908, 47.5377



41.4294, 19.1908, 15.7482

Triad

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



39.1884, 19.1908, 47.5377



16.3412, 19.1908, 0.0000



7.5614, 19.1908, 66.5145

Complementary

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



39.1884, 19.1908, 47.5377



26.7389, 52.9162, 10.6419

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.



5.8757, 19.1908, 27.0575



39.1884, 19.1908, 47.5377



9.7508, 19.1908, 1.0084

Square

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



39.1884, 19.1908, 47.5377



26.0462, 19.1908, 0.2822



6.5187, 19.1908, 6.7101



12.1742, 19.1908, 107.4206

Rectangle

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



39.1884, 19.1908, 47.5377



38.5422, 19.1908, 5.6476



6.5187, 19.1908, 6.7101



6.7172, 19.1908, 51.8055

Sweetspot

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



39.1891, 19.1918, 47.5380



73.2813, 59.7086, 91.6367



14.0900, 5.7257, 70.1751



15.1849, 11.8732, 19.1581



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.



39.1891, 19.1918, 47.5380



53.0655, 25.9902, 64.2024



31.6803, 16.1883, 7.9975



14.1895, 13.8934, 16.7679



23.0785, 11.2984, 28.1430



1.6265, 0.7939, 2.0922

Inverse Universe

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



39.1891, 19.1918, 47.5380



53.0655, 25.9902, 64.2024



31.7878, 54.9357, 37.2287



14.1895, 13.8934, 16.7679



23.0785, 11.2984, 28.1430



1.6265, 0.7939, 2.0922

Previews

White Background



This preview shows how the XYZ color 39.1884, 19.1908, 47.5377 looks on a white background.

Color Contrast Check

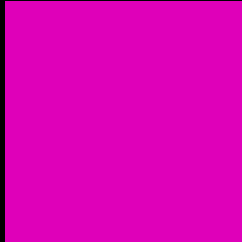
Large Text (above 18pt) WCAG AA ✓ Pass

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 39.1884, 19.1908, 47.5377 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

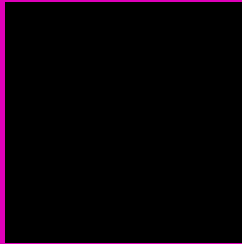
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 39.1884, 19.1908, 47.5377

Background



This preview shows how black text looks on a background with the XYZ color 39.1884, 19.1908, 47.5377.



This preview shows how white text looks on a background with the XYZ color 39.1884, 19.1908,

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

39.1884, 19.1908, 47.5377

Protanopia

24.1675, 20.2219, 94.7249

Deuteranopia

20.3281, 19.9395, 42.3125



Tritanopia

31.4537, 19.5971, 9.1460

Trichromacy



Original Color

39.1884, 19.1908, 47.5377



Protanomaly

19.9814, 12.5196, 74.7622



Deuteranomaly

22.8729, 14.9190, 43.2691



Tritanomaly

32.7447, 17.9667, 18.2651

Monochromacy



Original Color

39.1884, 19.1908, 47.5377



Achromatopsia

9.2757, 9.7587, 10.6273



Achromatomaly

15.3059, 9.5768, 19.7807

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.1884, 19.1908, 47.5377 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(223, 0, 185)` looks like.

```
.text, #text, p{  
    color:rgb(223, 0, 185)  
}
```

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(223, 0, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 0, 185) }
```

Border

The CSS property to change the border of an element to XYZ 39.1884, 19.1908, 47.5377 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(223, 0, 185) }
```


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

```
.border{ border-color:rgb(223, 0, 185) }
```

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

Here you see how a box with a 4 pixel rgb(223, 0, 185) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 0, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 0, 185);  
box-shadow:4px 4px 4px 4px rgb(223, 0,  
185) }
```

Background

The CSS property to change the background color of an element to XYZ 39.1884, 19.1908, 47.5377 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 0, 185) }
```

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

```
.background{ background-color: rgb(223, 0,  
185) }
```

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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