

Converting Colors

XYZ(39.3880, 19.2298, 50.4321)

Have a look what the booklet for
XYZ(39.3880, 19.2298, 50.4321)
contains.

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Color

**XYZ(39.4185, 19.2473,
50.3527)**

Conversions

Conversions Part 1

Format	Color
Hex	DE00BE
RGB	222, 0, 190
RGB Percent	87%, 0%, 75%
CMY	0.1294, 0.9999, 0.2549
CMYK	0.00, 1.00, 0.14, 0.13
HSL	309°, 100%, 44%
HSV	309°, 100%, 87%
XYZ	39.4185, 19.2473, 50.3527
YIQ	88.0380, 71.3220, 106.1540

Conversions

Conversions Part 2

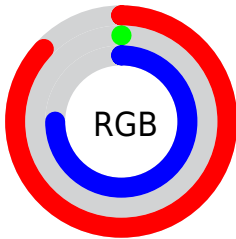
Format	Color
R_{YB}	222, 0, 190
Decimal	14549182
CIE _{Lab}	50.98, 84.18, -39.19
CIE _{LCh}	51, 92.857, 335.038
Yxy	19.2473, 0.3616, 0.1766
Android (android.graphics.Color)	4292739262 (0xFFDE00BE)
YUV	88.0380, 50.2673, 117.4847
Hunter-Lab	43.8717, 83.6056, -37.3384

Details

The XYZ color **39.4185, 19.2473, 50.3527** is a dark color, and the websafe version is hex **FF00CC**. The color can be described as middle washed rose. A complement of this color would be **26.3832, 52.3478, 10.0828**, and the grayscale version is **9.1718, 9.6495, 10.5083**.

A 20% lighter version of the original color is **62.2114, 36.3411, 91.7313**, and **19.3442, 9.4590, 24.0988** is the 20% darker color. If you saturate the color by 10%, you get **39.4182, 19.2472, 50.3498**, and if you desaturate by 10%, it is **40.0640, 19.9719, 52.3130**.

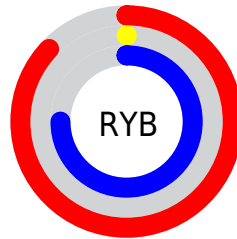
Distribution



Red (87%)

Green (0%)

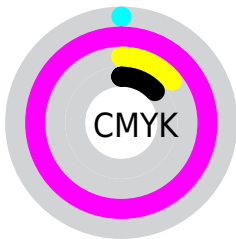
Blue (75%)



Red (87%)

Yellow (0%)

Blue (75%)

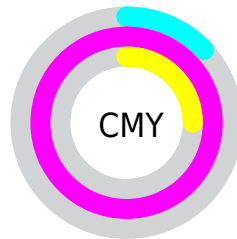


Cyan (0%)

Magenta (100%)

Yellow (14%)

Black (13%)



Cyan (13%)


Magenta (100%)


Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.4185, 19.2473, 50.3527 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 39.4185, 19.2473, 50.3527 by changing the saturation by 10% instead.


 39.4185, 19.2473,
50.3527


 39.4185, 19.2473,
50.3527


334.8431,
247.8106, 404.8181


 27.2676, 11.8491,
35.3206


 73.5672, 42.1516,
92.0989

 17.9120, 6.6410,
23.6244


 96.2957, 58.4264,
119.6501


 10.9861, 3.2386,
14.8456


 123.2809, 78.4290,
152.2114

 6.1247, 1.2575,
8.5657

 154.8880,
102.5436, 190.2013

 2.9624, 0.1080,
4.3661

 191.4824,
131.1546, 234.0384

 1.1339, 0.0000,
1.8282

 233.4295,

 0.0532, 0.0000,

164.6466, 284.1412

0.4465

281.0946,
203.4038, 340.9283

■ 0.0000, 0.0000,
0.0000

■ 39.4185, 19.2473,
50.3527

■ 39.4185, 19.2473,
50.3527

■ 39.4182, 19.2472,
50.3498

■ 40.0640, 19.9719,
52.3130

■ 41.0512, 21.3677,
54.4252

■ 42.4891, 23.6527,
56.7261

■ 44.4394, 26.9499,
59.2364

■ 46.9541, 31.3633,
61.9736

■ 50.0786, 36.9836,
64.9532

■ 53.8537, 43.8925,
68.1889

■ 58.3167, 52.1642,
71.6935

■ 63.5020, 61.8677,
75.4786

Harmonies

Analogous

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



30.4157, 19.2473, 95.5876



39.4185, 19.2473, 50.3527



42.1150, 19.2473, 16.8236

Triad

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



39.4185, 19.2473, 50.3527



16.7872, 19.2473, 0.0000



7.3126, 19.2473, 65.4450

Complementary

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



39.4185, 19.2473, 50.3527



26.3832, 52.3478, 10.0828

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.



5.7418, 19.2473, 25.7175



39.4185, 19.2473, 50.3527



9.9155, 19.2473, 0.8291

Square

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



39.4185, 19.2473, 50.3527



26.8009, 19.2473, 0.2590



6.5032, 19.2473, 6.0426



11.8096, 19.2473, 108.3252

Rectangle

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



39.4185, 19.2473, 50.3527



39.4021, 19.2473, 6.0162



6.5032, 19.2473, 6.0426



6.5082, 19.2473, 50.4614

Sweetspot

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



39.4192, 19.2483, 50.3531



73.5848, 59.8300, 93.2348



13.7101, 5.5453, 69.4557



15.2583, 11.9025, 19.5446



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.



39.4192, 19.2483, 50.3531



53.9259, 26.3343, 68.7329



31.6261, 16.1310, 9.3149



14.2056, 13.8999, 16.8529



23.4453, 11.4451, 30.0744



1.6487, 0.8027, 2.2087

Inverse Universe

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



39.4192, 19.2483, 50.3531



53.9259, 26.3343, 68.7329



30.9011, 54.1549, 33.8734



14.2056, 13.8999, 16.8529



23.4453, 11.4451, 30.0744



1.6487, 0.8027, 2.2087

Previews

White Background



This preview shows how the XYZ color 39.4185, 19.2473, 50.3527 looks on a white background.

Color Contrast Check

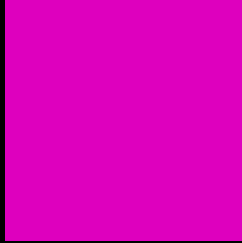
Large Text (above 18pt) WCAG AA ✓ Pass

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 39.4185, 19.2473, 50.3527 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 39.4185, 19.2473, 50.3527

Background



This preview shows how black text looks on a background with the XYZ color 39.4185, 19.2473, 50.3527.



This preview shows how white text looks on a background with the XYZ color 39.4185, 19.2473,

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

39.4185, 19.2473, 50.3527

Protanopia

24.1675, 20.2219, 94.7249

Deuteranopia

20.3622, 19.9001, 44.8874



Tritanopia

31.0787, 19.5937, 9.5411

Trichromacy



Original Color

39.4185, 19.2473, 50.3527



Protanomaly

20.1206, 12.5754, 75.4956



Deuteranomaly

22.8449, 14.8459, 45.9175



Tritanomaly

32.7056, 18.0447, 19.2120

Monochromacy



Original Color

39.4185, 19.2473, 50.3527



Achromatopsia

9.2757, 9.7587, 10.6273



Achromatomaly

15.4324, 9.6274, 20.4469

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.4185, 19.2473, 50.3527 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(222, 0, 190)` looks like.

```
.text, #text, p{  
    color:rgb(222, 0, 190)  
}
```

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(222, 0, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 0, 190) }
```

Border

The CSS property to change the border of an element to XYZ 39.4185, 19.2473, 50.3527 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(222, 0, 190) }
```


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

```
.border{ border-color:rgb(222, 0, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 0, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 0, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 0, 190);  
box-shadow:4px 4px 4px 4px rgb(222, 0,  
190) }
```

Background

The CSS property to change the background color of an element to XYZ 39.4185, 19.2473, 50.3527 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 0, 190) }
```

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

```
.background{ background-color: rgb(222, 0,  
190) }
```

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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