

Converting Colors

XYZ(39.1914, 19.7304, 63.3292)

Have a look what the booklet for
XYZ(39.1914, 19.7304, 63.3292)
contains.

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Color

**XYZ(39.2229, 19.7541,
63.3737)**

Conversions

Conversions Part 1

Format	Color
Hex	D323D3
RGB	211, 35, 211
RGB Percent	83%, 14%, 83%
CMY	0.1725, 0.8627, 0.1725
CMYK	0.00, 0.83, 0.00, 0.17
HSL	300°, 72%, 48%
HSV	300°, 83%, 83%
XYZ	39.2229, 19.7541, 63.3737
YIQ	107.6880, 48.4000, 92.0480

Conversions

Conversions Part 2

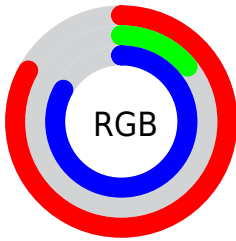
Format	Color
R _Y B	211, 35, 211
Decimal	13837267
CIE Lab	51.56, 81.05, -50.51
CIE LCh	52, 95.502, 328.072
Yxy	19.7541, 0.3206, 0.1615
Android (android.graphics.Color)	4292027347 (0xFFD323D3)
YUV	107.6880, 50.9328, 90.6046
Hunter-Lab	44.4456, 79.7452, -53.4280

Details

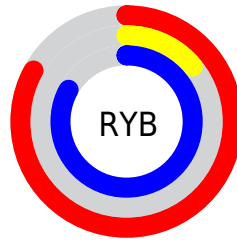
The XYZ color **39.2229, 19.7541, 63.3737** is a light color, and the websafe version is hex **CC00CC**. The color can be described as light washed magenta. A complement of this color would be **24.2917, 47.0682, 9.3959**, and the grayscale version is **14.0213, 14.7515, 16.0644**.

A 20% lighter version of the original color is **64.4440, 38.7881, 98.6980**, and **18.9496, 9.0757, 32.2055** is the 20% darker color. If you saturate the color by 10%, you get **38.7782, 18.8640, 63.2255**, and if you desaturate by 10%, it is **40.0419, 21.3915, 63.6469**.

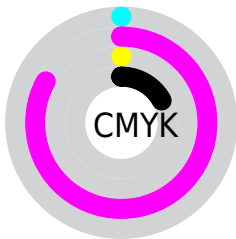
Distribution



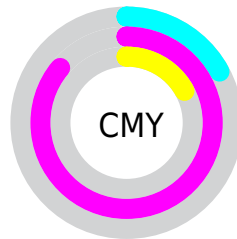
- Red (83%)
- Green (14%)
- Blue (83%)



- Red (83%)
- Yellow (14%)
- Blue (83%)



- Cyan (0%)
- Magenta (83%)
- Yellow (0%)
- Black (17%)





- Cyan (17%)
- Magenta (86%)
- Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.2229, 19.7541, 63.3737 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 39.2229, 19.7541, 63.3737 by changing the saturation by 10% instead.

 39.2229, 19.7541,
63.3737


 39.2229, 19.7541,
63.3737

334.0281,
250.5808, 455.0697


 27.1147, 12.2164,
45.7007


 73.2706, 43.0045,
111.2992

 17.7964, 6.8913,
31.6627


 95.9408, 59.4861,
142.3888


 10.9027, 3.3942,
20.8413


 122.8624, 79.7177,
178.7877

 6.0683, 1.3408,
12.8179

 154.4006,
104.0838, 220.9143

 2.9277, 0.1725,
7.1741

 190.9210,
132.9688, 269.1873

 1.1156, 0.0000,
3.4911

232.7888,

 0.0381, 0.0000,

166.7570, 324.0251

1.3505

280.3694,
205.8329, 385.8464

■ 0.0000, 0.0000,
0.1027

■ 0.0000, 0.0000,
0.0000

■ 39.2229, 19.7541,
63.3737

■ 39.2229, 19.7541,
63.3737

■ 38.7782, 18.8640,
63.2255

■ 40.0419, 21.3915,
63.6469

■ 38.6223, 18.5523,
63.1735

■ 41.2911, 23.8897,
64.0634

■ 43.0193, 27.3461,
64.6395

■ 45.2684, 31.8443,
65.3893

■ 48.0755, 37.4585,
66.3251

■ 51.4746, 44.2566,
67.4582

■ 55.4967, 52.3008,
68.7990

■ 60.1708, 61.6491,
70.3571

■ 65.5241, 72.3556,
72.1416

Harmonies

Analogous

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



28.8794, 19.7541, 110.1060



39.2229, 19.7541, 63.3737



43.9511, 19.7541, 23.3384

Triad

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



39.2229, 19.7541, 63.3737



19.4041, 19.7541, 0.0000



6.7377, 19.7541, 57.2463

Complementary

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



39.2229, 19.7541, 63.3737



24.2917, 47.0682, 9.3959

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.



5.7035, 19.7541, 19.7775



39.2229, 19.7541, 63.3737



11.3552, 19.7541, 0.3235

Square

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



39.2229, 19.7541, 63.3737



30.3377, 19.7541, 0.5481



7.0564, 19.7541, 3.9081



10.6026, 19.7541, 104.9032

Rectangle

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



39.2229, 19.7541, 63.3737



42.3819, 19.7541, 8.9173



7.0564, 19.7541, 3.9081



6.1203, 19.7541, 42.4489

Sweetspot

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



39.2237, 19.7550, 63.3741



77.9753, 65.8507, 103.2081



13.0530, 6.2635, 62.1500



16.2837, 13.2823, 21.9554



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.



39.2237, 19.7550, 63.3741



59.2898, 28.4799, 96.9787



31.0413, 16.4821, 20.2863



12.3109, 12.0091, 14.9128



23.3082, 11.1961, 38.1246



1.3032, 0.6260, 2.1317

Inverse Universe

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



39.2237, 19.7550, 63.3741



59.2898, 28.4799, 96.9787



27.5637, 48.3770, 26.6260



12.3109, 12.0091, 14.9128



23.3082, 11.1961, 38.1246



1.3032, 0.6260, 2.1317

Previews

White Background



This preview shows how the XYZ color 39.2229, 19.7541, 63.3737 looks on a white background.

Color Contrast Check

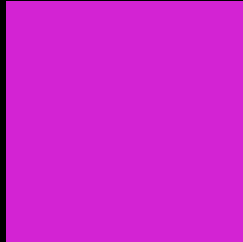
Large Text (above 18pt) WCAG AA ✓ Pass

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 39.2229, 19.7541, 63.3737 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

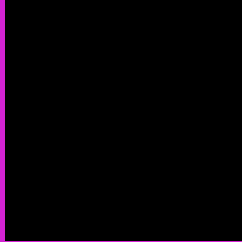
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 39.2229, 19.7541, 63.3737

Background



This preview shows how black text looks on a background with the XYZ color 39.2229, 19.7541, 63.3737.



This preview shows how white text looks on a background with the XYZ color 39.2229, 19.7541,

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

39.2229, 19.7541, 63.3737

Protanopia

24.1675, 20.2219, 94.7249

Deuteranopia

20.7409, 20.2011, 56.8389



Tritanopia

28.6727, 19.6125, 12.6303

Trichromacy



Original Color

39.2229, 19.7541, 63.3737



Protanomaly

21.8364, 14.6717, 81.8018



Deuteranomaly

23.3590, 16.4781, 58.4494



Tritanomaly

31.1397, 18.6083, 25.2431

Monochromacy



Original Color

39.2229, 19.7541, 63.3737



Achromatopsia

14.2537, 14.9960, 16.3306



Achromatomaly

19.7303, 13.9489, 28.4406

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.2229, 19.7541, 63.3737 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(211, 35, 211)` looks like.

```
.text, #text, p{  
    color:rgb(211, 35, 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(211, 35, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 35, 211) }
```

Border

The CSS property to change the border of an element to XYZ 39.2229, 19.7541, 63.3737 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(211, 35, 211) }
```


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

```
.border{ border-color:rgb(211, 35, 211) }
```

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

Here you see how a box with a 4 pixel rgb(211, 35, 211) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 35, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 35, 211);  
box-shadow:4px 4px 4px 4px rgb(211, 35,  
211) }
```

Background

The CSS property to change the background color of an element to XYZ 39.2229, 19.7541, 63.3737 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 35, 211) }
```

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

```
.background{ background-color: rgb(211, 35,  
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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