

Converting Colors

XYZ(39.3727, 19.1188, 72.4209)

Have a look what the booklet for
XYZ(39.3727, 19.1188, 72.4209)
contains.

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Color

**XYZ(39.4368, 19.1475,
72.1383)**

Conversions

Conversions Part 1

Format	Color
Hex	CF14E0
RGB	207, 20, 224
RGB Percent	81%, 8%, 88%
CMY	0.1882, 0.9215, 0.1216
CMYK	0.08, 0.91, 0.00, 0.12
HSL	295°, 84%, 48%
HSV	295°, 91%, 88%
XYZ	39.4368, 19.1475, 72.1383
YIQ	99.1690, 45.9680, 103.0880

Conversions

Conversions Part 2

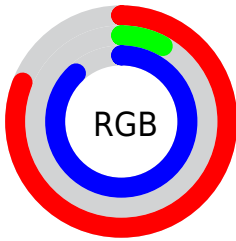
Format	Color
R _{YB}	207, 20, 224
Decimal	13571296
CIE _{Lab}	50.86, 84.74, -59.08
CIE _{LCh}	51, 103.302, 325.117
Y _{xy}	19.1475, 0.3017, 0.1465
Android (android.graphics.Color)	4291761376 (0xFFCF14E0)
YUV	99.1690, 61.5417, 94.5678
Hunter-Lab	43.7579, 84.2970, -67.1138

Details

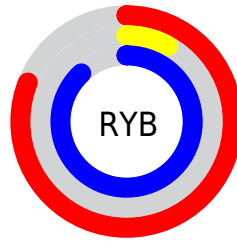
The XYZ color **39.4368, 19.1475, 72.1383** is a light color, and the websafe version is hex **CC00CC**. The color can be described as light washed magenta. A complement of this color would be **27.5456, 53.7557, 9.5866**, and the grayscale version is **11.7465, 12.3582, 13.4581**.

A 20% lighter version of the original color is **63.7518, 37.4037, 98.4673**, and **19.1005, 9.0302, 37.7821** is the 20% darker color. If you saturate the color by 10%, you get **38.7236, 18.4085, 72.0335**, and if you desaturate by 10%, it is **40.5546, 20.6035, 72.3607**.

Distribution



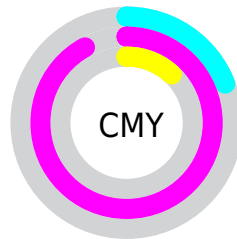
- Red (81%)
- Green (8%)
- Blue (88%)



- Red (81%)
- Yellow (8%)
- Blue (88%)



- Cyan (8%)
- Magenta (91%)
- Yellow (0%)
- Black (12%)



- Cyan (19%)
- Magenta (92%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.4368, 19.1475, 72.1383 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 39.4368, 19.1475, 72.1383 by changing the saturation by 10% instead.

39.4368, 19.1475,
72.1383

39.4368, 19.1475,
72.1383

334.9193,
247.2618, 487.0133

27.2820, 11.7769,
52.7841

73.5949, 41.9832,
123.9627

17.9228, 6.5920,
37.2439

96.3289, 58.2171,
157.2700

10.9939, 3.2083,
25.0991

123.3200, 78.1742,
196.0654

6.1300, 1.2414,
15.9312

154.9336,
102.2389, 240.7675

2.9657, 0.0951,
9.3217

191.5349,
130.7956, 291.7948

1.1357, 0.0000,
4.8519

233.4894,

0.0546, 0.0000,

164.2288, 349.5658

2.1034

281.1624,
202.9227, 414.4992

■ 0.0000, 0.0000,
0.6178

■ 0.0000, 0.0000,
0.0000

■ 39.4368, 19.1475,
72.1383

■ 39.4368, 19.1475,
72.1383

■ 38.7236, 18.4085,
72.0335

■ 40.5546, 20.6035,
72.3607

■ 42.1224, 22.9511,
72.7312

■ 44.2055, 26.3198,
73.2716

■ 46.8576, 30.8177,
74.0000

50.1260, 36.5386,
74.9320

54.0527, 43.5671,
76.0817

58.6763, 51.9797,
77.4618

64.0320, 61.8474,
79.0842

70.1530, 73.2362,
80.9598

Harmonies

Analogous

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



27.8342, 19.1475, 123.9137



39.4368, 19.1475, 72.1383



45.4924, 19.1475, 25.9929

Triad

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



39.4368, 19.1475, 72.1383



19.9165, 19.1475, 0.0000



5.6080, 19.1475, 54.8361

Complementary

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



39.4368, 19.1475, 72.1383



27.5456, 53.7557, 9.5866

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.



4.8347, 19.1475, 16.4318



39.4368, 19.1475, 72.1383



11.0919, 19.1475, 0.0000

Square

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



39.4368, 19.1475, 72.1383



31.8431, 19.1475, 0.2061



6.4029, 19.1475, 2.4153



9.1442, 19.1475, 108.9082

Rectangle

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



39.4368, 19.1475, 72.1383



44.3850, 19.1475, 9.3814



6.4029, 19.1475, 2.4153



5.0896, 19.1475, 39.1472

Sweetspot

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



39.4376, 19.1483, 72.1387



74.8011, 62.5891, 102.7462



14.4054, 6.8547, 71.0851



15.5740, 12.6058, 21.8623



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.



39.4376, 19.1483, 72.1387



51.8997, 24.6702, 96.6341



35.6517, 18.2125, 26.0650



14.1765, 13.8745, 17.3186



22.5875, 10.7396, 41.9308



1.5994, 0.7618, 2.9080

Inverse Universe

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



31.3252, 16.4819, 3.2817



41.3777, 21.3151, 2.6551



29.4948, 54.4805, 22.3283



13.7534, 13.7190, 14.4714



17.9770, 9.2578, 1.2789



1.2624, 0.6482, 0.1745

Previews

White Background



This preview shows how the XYZ color 39.4368, 19.1475, 72.1383 looks on a white background.

Color Contrast Check

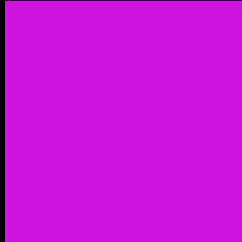
Large Text (above 18pt) WCAG AA ✓ Pass

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 39.4368, 19.1475, 72.1383 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

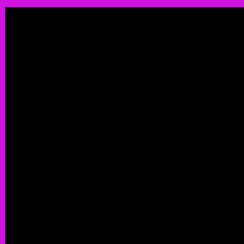
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 39.4368, 19.1475, 72.1383

Background



This preview shows how black text looks on a background with the XYZ color 39.4368, 19.1475, 72.1383.



This preview shows how white text looks on a background with the XYZ color 39.4368, 19.1475,

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

39.4368, 19.1475, 72.1383

Protanopia

23.5773, 19.7964, 92.2010

Deuteranopia

20.2570, 19.5991, 64.3434



Tritanopia

27.3762, 19.1774, 13.0852

Trichromacy



Original Color

39.4368, 19.1475, 72.1383



Protanomaly

21.6471, 13.8217, 83.9650



Deuteranomaly

21.9068, 14.8016, 66.6681



Tritanomaly

29.7418, 17.4901, 27.3995

Monochromacy



Original Color

39.4368, 19.1475, 72.1383



Achromatopsia

11.8596, 12.4772, 13.5877



Achromatomaly

17.7054, 11.7972, 27.7295

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.4368, 19.1475, 72.1383 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(207, 20, 224)` looks like.

```
.text, #text, p{  
    color:rgb(207, 20, 224)  
}
```

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(207, 20, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 20, 224) }
```

Border

The CSS property to change the border of an element to XYZ 39.4368, 19.1475, 72.1383 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(207, 20, 224) }
```


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

```
.border{ border-color:rgb(207, 20, 224) }
```

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

Here you see how a box with a 4 pixel rgb(207, 20, 224) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 20, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 20, 224);  
box-shadow:4px 4px 4px 4px rgb(207, 20,  
224) }
```

Background

The CSS property to change the background color of an element to XYZ 39.4368, 19.1475, 72.1383 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 20, 224) }
```

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

```
.background{ background-color: rgb(207, 20,  
224) }
```

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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