

Converting Colors

XYZ(39.3327, 21.6790, 43.1855)

Have a look what the booklet for
XYZ(39.3327, 21.6790, 43.1855)
contains.

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Color

**XYZ(39.2192, 21.6347,
43.1831)**

Conversions

Conversions Part 1

Format	Color
Hex	DD3BB0
RGB	221, 59, 176
RGB Percent	87%, 23%, 69%
CMY	0.1333, 0.7686, 0.3098
CMYK	0.00, 0.73, 0.20, 0.13
HSL	317°, 70%, 55%
HSV	317°, 73%, 87%
XYZ	39.2192, 21.6347, 43.1831
YIQ	120.7760, 58.9950, 70.7310

Conversions

Conversions Part 2

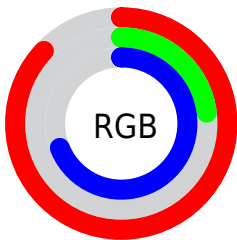
Format	Color
R_{YB}	221, 59, 176
Decimal	14498736
CIE _{Lab}	53.64, 72.08, -26.88
CIE _{LCh}	54, 76.928, 339.550
Yxy	21.6347, 0.3770, 0.2080
Android (android.graphics.Color)	4292688816 (0xFFDD3BB0)
YUV	120.7760, 27.2254, 87.8964
Hunter-Lab	46.5131, 69.1107, -22.4861

Details

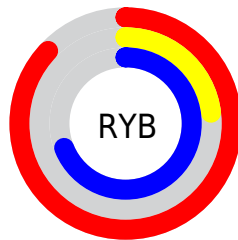
The XYZ color **39.2192, 21.6347, 43.1831** is a light color, and the websafe version is hex **CC3399**. The color can be described as light muted rose. A complement of this color would be **30.1600, 53.6429, 21.8640**, and the grayscale version is **18.0050, 18.9427, 20.6285**.

A 20% lighter version of the original color is **62.5220, 40.5191, 80.8696**, and **18.4754, 9.1114, 19.5238** is the 20% darker color. If you saturate the color by 10%, you get **37.7202, 19.5868, 39.7539**, and if you desaturate by 10%, it is **41.2275, 24.6567, 46.9180**.

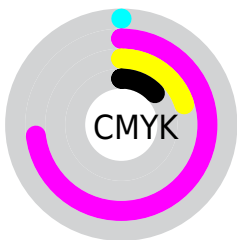
Distribution



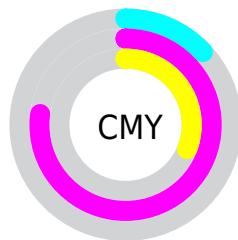
- Red (87%)
- Green (23%)
- Blue (69%)



- Red (87%)
- Yellow (23%)
- Blue (69%)



- Cyan (0%)
- Magenta (73%)
- Yellow (20%)
- Black (13%)



- Cyan (13%)
- Magenta (77%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.2192, 21.6347, 43.1831 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 39.2192, 21.6347, 43.1831 by changing the saturation by 10% instead.

39.2192, 21.6347,
43.1831

39.2192, 21.6347,
43.1831

334.0127,
260.6326, 375.3075

27.1118, 13.5887,
29.6963

73.2650, 46.1415,
81.2764

17.7942, 7.8352,
19.3581

95.9341, 63.3711,
106.7200

10.9011, 3.9897,
11.7499

122.8544, 84.4307,
136.9864

6.0672, 1.6678,
6.4532

154.3914,
109.7047, 172.4940

2.9270, 0.4027,
3.0493

190.9104,
139.5775, 213.6613

1.1153, 0.0000,
1.1199

232.7767,

0.0379, 0.0000,

174.4335, 260.9070

0.0000

280.3556,
214.6571, 314.6496

■ 0.0000, 0.0000,
0.0000

■ 39.2192, 21.6347,
43.1831

■ 39.2192, 21.6347,
43.1831

■ 37.7202, 19.5868,
39.7539

■ 41.2275, 24.6567,
46.9180

■ 36.6628, 18.3788,
36.6055


■ 43.7973, 28.7575,
50.9771


■ 36.1298, 17.8966,
34.6281


■ 46.9765, 34.0320,
55.3784


■ 50.8072, 40.5638,
60.1376

■ 55.3275, 48.4286,
65.2689

 60.5726, 57.6964,
70.7857

 66.5752, 68.4321,
76.7006

 73.3661, 80.6966,
83.0253

 80.0386, 92.6761,
89.4592

Harmonies

Analogous

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



32.3626, 21.6347, 78.5603



39.2192, 21.6347, 43.1831



40.4269, 21.6347, 16.8148

Triad

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



39.2192, 21.6347, 43.1831



18.0501, 21.6347, 1.1754



10.6226, 21.6347, 65.7506

Complementary

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



39.2192, 21.6347, 43.1831



30.1600, 53.6429, 21.8640

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.



8.5804, 21.6347, 31.8953



39.2192, 21.6347, 43.1831



12.0495, 21.6347, 3.0510

Square

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



39.2192, 21.6347, 43.1831



26.5967, 21.6347, 1.5037



9.0218, 21.6347, 11.0133



15.5189, 21.6347, 96.5496

Rectangle

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



39.2192, 21.6347, 43.1831



37.6114, 21.6347, 7.5387



9.0218, 21.6347, 11.0133



9.6478, 21.6347, 53.6870

Sweetspot

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



39.2199, 21.6358, 43.1835



77.2819, 68.3174, 91.0971



20.1187, 11.1864, 69.5057



16.1483, 13.9333, 19.0687



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.



39.2199, 21.6358, 43.1835



51.3077, 26.0544, 52.5799



33.5321, 19.3607, 13.2320



13.4520, 13.2099, 15.6417



21.0386, 10.4165, 20.3810



1.3988, 0.6892, 1.5091

Inverse Universe

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



39.2199, 21.6358, 43.1835



51.3077, 26.0544, 52.5799



36.2292, 56.0706, 53.8237



13.4520, 13.2099, 15.6417



21.0386, 10.4165, 20.3810



1.3988, 0.6892, 1.5091

Previews

White Background



This preview shows how the XYZ color 39.2192, 21.6347, 43.1831 looks on a white background.

Color Contrast Check

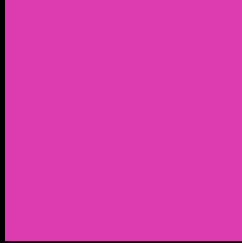
Large Text (above 18pt) WCAG AA ✓ Pass

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 39.2192, 21.6347, 43.1831 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

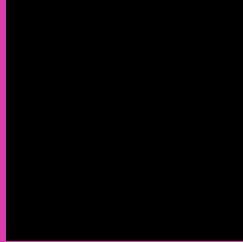
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 39.2192, 21.6347, 43.1831

Background



This preview shows how black text looks on a background with the XYZ color 39.2192, 21.6347, 43.1831.



This preview shows how white text looks on a background with the XYZ color 39.2192, 21.6347,

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

39.2192, 21.6347, 43.1831

Protanopia

24.7847, 22.0298, 77.0746

Deuteranopia

22.3211, 21.7767, 39.5861



Tritanopia

32.9477, 21.7070, 12.3509

Trichromacy



Original Color

39.2192, 21.6347, 43.1831



Protanomaly

25.6466, 18.7858, 63.2471



Deuteranomaly

25.9117, 19.5731, 40.4425



Tritanomaly

34.7126, 21.3257, 20.6991

Monochromacy



Original Color

39.2192, 21.6347, 43.1831



Achromatopsia

18.1737, 19.1202, 20.8219



Achromatomaly

23.0800, 17.8266, 27.4237

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.2192, 21.6347, 43.1831 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(221, 59, 176)` looks like.

```
.text, #text, p{  
    color:rgb(221, 59, 176)  
}
```

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(221, 59, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 59, 176) }
```

Border

The CSS property to change the border of an element to XYZ 39.2192, 21.6347, 43.1831 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(221, 59, 176) }
```


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

```
.border{ border-color:rgb(221, 59, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 59, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(221, 59, 176); -webkit-box-shadow:4px 4px 4px 4px rgb(221, 59, 176); box-shadow:4px 4px 4px 4px rgb(221, 59, 176) }
```

Background

The CSS property to change the background color of an element to XYZ 39.2192, 21.6347, 43.1831 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 59, 176) }
```

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

```
.background{ background-color: rgb(221, 59,  
176) }
```

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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