

Converting Colors

XYZ(39.7594, 24.0676, 40.2472)

Have a look what the booklet for
XYZ(39.7594, 24.0676, 40.2472)
contains.

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Color

**XYZ(39.6191, 23.9651,
40.0737)**

Conversions

Conversions Part 1

Format	Color
Hex	DC51A9
RGB	220, 81, 169
RGB Percent	86%, 32%, 66%
CMY	0.1373, 0.6823, 0.3373
CMYK	0.00, 0.63, 0.23, 0.14
HSL	322°, 67%, 59%
HSV	322°, 63%, 86%
XYZ	39.6191, 23.9651, 40.0737
YIQ	132.5930, 54.5960, 56.8360

Conversions

Conversions Part 2

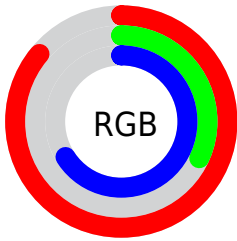
Format	Color
R _Y B	220, 81, 169
Decimal	14438825
CIE Lab	56.05, 62.93, -19.10
CIE LCh	56, 65.763, 343.117
Yxy	23.9651, 0.3822, 0.2312
Android (android.graphics.Color)	4292628905 (0xFFDC51A9)
YUV	132.5930, 17.9487, 76.6559
Hunter-Lab	48.9542, 58.7921, -14.2667

Details

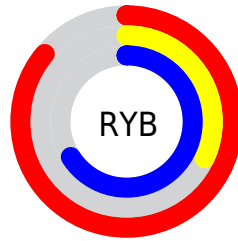
The XYZ color **39.6191, 23.9651, 40.0737** is a light color, and the websafe version is hex **CC3399**. The color can be described as light muted rose. A complement of this color would be **33.1527, 54.6025, 30.6245**, and the grayscale version is **22.0708, 23.2202, 25.2868**.

A 20% lighter version of the original color is **63.7830, 44.8188, 75.8102**, and **17.9848, 9.0134, 17.6215** is the 20% darker color. If you saturate the color by 10%, you get **37.5064, 20.9151, 35.7452**, and if you desaturate by 10%, it is **42.3095, 28.0950, 44.8260**.

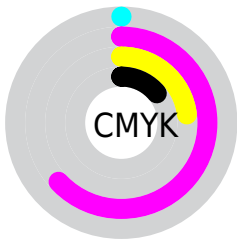
Distribution



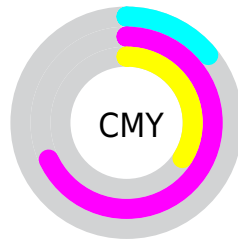
- Red (86%)
- Green (32%)
- Blue (66%)



- Red (86%)
- Yellow (32%)
- Blue (66%)



- Cyan (0%)
- Magenta (63%)
- Yellow (23%)
- Black (14%)





- Cyan (14%)
- Magenta (68%)
- Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.6191, 23.9651, 40.0737 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 39.6191, 23.9651, 40.0737 by changing the saturation by 10% instead.

 39.6191, 23.9651,
40.0737


 39.6191, 23.9651,
40.0737

335.6775,
272.6440, 361.9954


 27.4246, 15.3077,
27.2818


 73.8712, 49.9732,
76.5140


 18.0306, 9.0356,
17.5507


 96.6594, 68.0928,
100.9996

 11.0718, 4.7644,
10.4618


 123.7097, 90.1352,
130.2200

 6.1828, 2.1097,
5.5966

 155.3872,
116.4849, 164.5940

 2.9983, 0.6701,
2.5366

192.0574,
147.5262, 204.5399

 1.1528, 0.0000,
0.8595

234.0856,

 0.0686, 0.0000,

183.6436, 250.4765

0.0000

281.8372,
225.2214, 302.8221

■ 0.0000, 0.0000,
0.0000

■ 39.6191, 23.9651,
40.0737

■ 39.6191, 23.9651,
40.0737

■ 37.5064, 20.9151,
35.7452

■ 42.3095, 28.0950,
44.8260

■ 35.9150, 18.8345,
31.8171

■ 45.6223, 33.3938,
50.0205

■ 34.7804, 17.5952,
28.2637

■ 49.6002, 39.9456,
55.6755

■ 34.1958, 17.0879,
26.0283

■ 54.2816, 47.8253,
61.8076

■ 59.7014, 57.1022,
68.4323

■ 65.8926, 67.8406,
75.5642

■ 72.8859, 80.1009,
83.2170

■ 80.0663, 92.6521,
91.1893

■ 81.2501, 93.1256,
97.4233

Harmonies

Analogous

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



34.1684, 23.9651, 69.5378



39.6191, 23.9651, 40.0737



39.9761, 23.9651, 17.7740

Triad

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



39.6191, 23.9651, 40.0737



19.6496, 23.9651, 2.9667



13.7643, 23.9651, 65.9020

Complementary

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



39.6191, 23.9651, 40.0737



33.1527, 54.6025, 30.6245

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.



11.3924, 23.9651, 36.6735



39.6191, 23.9651, 40.0737



14.2505, 23.9651, 6.0278

Square

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



39.6191, 23.9651, 40.0737



27.2440, 23.9651, 3.1352



11.5481, 23.9651, 15.8145



18.8290, 23.9651, 89.2264

Rectangle

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



39.6191, 23.9651, 40.0737



37.1736, 23.9651, 9.3700



11.5481, 23.9651, 15.8145



12.6813, 23.9651, 55.9143

Sweetspot

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



39.6198, 23.9663, 40.0741



78.7625, 71.7953, 89.9979



25.3726, 15.9566, 69.4532



16.4067, 14.5969, 18.7023



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.



39.6198, 23.9663, 40.0741



51.5596, 28.0750, 47.9884



34.7364, 22.0129, 14.3583



13.4011, 13.1896, 15.3736



20.1244, 10.0508, 15.5671



1.3447, 0.6675, 1.2241

Inverse Universe

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



39.6198, 23.9663, 40.0741



51.5596, 28.0750, 47.9884



39.5851, 57.1755, 64.4971



13.4011, 13.1896, 15.3736



20.1244, 10.0508, 15.5671



1.3447, 0.6675, 1.2241

Previews

White Background



This preview shows how the XYZ color 39.6191, 23.9651, 40.0737 looks on a white background.

Color Contrast Check

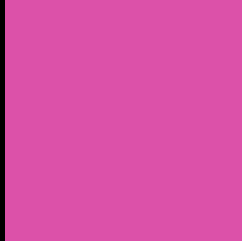
Large Text (above 18pt) WCAG AA ✓ Pass

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 39.6191, 23.9651, 40.0737 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 39.6191, 23.9651, 40.0737

Background



This preview shows how black text looks on a background with the XYZ color 39.6191, 23.9651, 40.0737.



This preview shows how white text looks on a background with the XYZ color 39.6191, 23.9651,

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

39.6191, 23.9651, 40.0737

Protanopia

25.8208, 24.2447, 62.9933

Deuteranopia

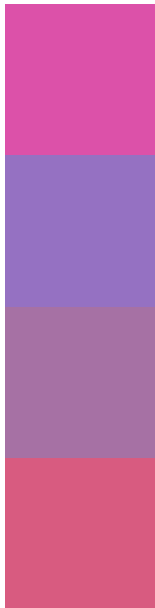
24.6760, 24.2266, 37.0939



Tritanopia

34.5049, 23.8450, 15.8806

Trichromacy



Original Color

39.6191, 23.9651, 40.0737

Protanomaly

28.0372, 22.0949, 53.8260

Deuteranomaly

28.3319, 22.5976, 37.9905

Tritanomaly

35.9563, 23.6396, 23.0899

Monochromacy



Original Color

39.6191, 23.9651, 40.0737

Achromatopsia

22.2940, 23.4551, 25.5426

Achromatomaly

26.7227, 22.1093, 30.0532

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.6191, 23.9651, 40.0737 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(220, 81, 169)` looks like.

```
.text, #text, p{  
    color:rgb(220, 81, 169)  
}
```

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(220, 81, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 81, 169) }
```

Border

The CSS property to change the border of an element to XYZ 39.6191, 23.9651, 40.0737 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(220, 81, 169) }
```


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

```
.border{ border-color:rgb(220, 81, 169) }
```

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

Here you see how a box with a 4 pixel rgb(220, 81, 169) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 81, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 81, 169);  
box-shadow:4px 4px 4px 4px rgb(220, 81,  
169) }
```

Background

The CSS property to change the background color of an element to XYZ 39.6191, 23.9651, 40.0737 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 81, 169) }
```

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

```
.background{ background-color: rgb(220, 81,  
169) }
```

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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