

Converting Colors

XYZ(39.1825, 23.1994, 50.1809)

Have a look what the booklet for
XYZ(39.1825, 23.1994, 50.1809)
contains.

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Color

**XYZ(39.2421, 23.2258,
49.9917)**

Conversions

Conversions Part 1

Format	Color
Hex	D54EBC
RGB	213, 78, 188
RGB Percent	84%, 31%, 74%
CMY	0.1647, 0.6941, 0.2627
CMYK	0.00, 0.63, 0.12, 0.16
HSL	311°, 62%, 57%
HSV	311°, 63%, 84%
XYZ	39.2421, 23.2258, 49.9917
YIQ	130.9050, 45.1500, 62.8300

Conversions

Conversions Part 2

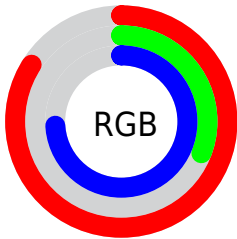
Format	Color
R _{YB}	213, 78, 188
Decimal	13979324
CIE _{Lab}	55.30, 64.97, -31.35
CIE _{LCh}	55, 72.137, 334.238
Y _{xy}	23.2258, 0.3489, 0.2065
Android (android.graphics.Color)	4292169404 (0xFFD54EBC)
YUV	130.9050, 28.1478, 71.9973
Hunter-Lab	48.1932, 61.0087, -27.7675

Details

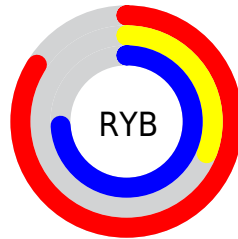
The XYZ color **39.2421, 23.2258, 49.9917** is a light color, and the websafe version is hex **CC66CC**. The color can be described as light muted rose. A complement of this color would be **29.3855, 50.1884, 20.9725**, and the grayscale version is **21.4322, 22.5483, 24.5551**.

A 20% lighter version of the original color is **66.3854, 45.1805, 91.6080**, and **17.8206, 8.6898, 23.2923** is the 20% darker color. If you saturate the color by 10%, you get **37.5471, 20.5067, 47.3573**, and if you desaturate by 10%, it is **41.4402, 26.9316, 52.8515**.

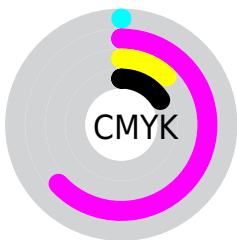
Distribution



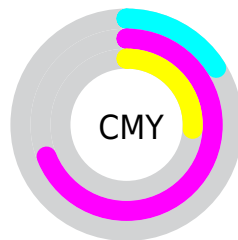
- Red (84%)
- Green (31%)
- Blue (74%)



- Red (84%)
- Yellow (31%)
- Blue (74%)



- Cyan (0%)
- Magenta (63%)
- Yellow (12%)
- Black (16%)



- Cyan (16%)
- Magenta (69%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.2421, 23.2258, 49.9917 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 39.2421, 23.2258, 49.9917 by changing the saturation by 10% instead.

39.2421, 23.2258,
49.9917

39.2421, 23.2258,
49.9917

334.1082,
268.8826, 403.3676

27.1297, 14.7603,
35.0357

73.2997, 48.7638,
91.5588

17.8077, 8.6513,
23.4066

95.9756, 66.6052,
119.0069

10.9109, 4.5145,
14.6859

122.9035, 88.3406,
151.4561

6.0738, 1.9653,
8.4551

154.4485,
114.3545, 189.3249

2.9311, 0.5872,
4.2956

190.9761,
145.0312, 233.0320

1.1174, 0.0000,
1.7889

232.8517,

0.0396, 0.0000,

180.7552, 282.9957

0.4206

280.4406,
221.9109, 339.6348

■ 0.0000, 0.0000,
0.0000

■ 39.2421, 23.2258,
49.9917

■ 39.2421, 23.2258,
49.9917

■ 37.5471, 20.5067,
47.3573

■ 41.4402, 26.9316,
52.8515

■ 36.3035, 18.6722,
44.9301

■ 44.1819, 31.7063,
55.9502

■ 35.4523, 17.6044,
42.6901

■ 47.5061, 37.6271,
59.3012

■ 35.0374, 17.1849,
41.2871

■ 51.4475, 44.7634,
62.9167

■ 56.0382, 53.1790,
66.8077

■ 61.3078, 62.9331,
70.9845

■ 67.2841, 74.0813,
75.4569

■ 73.9936, 86.6760,
80.2340

■ 76.5880, 91.0212,
83.7003

Harmonies

Analogous

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



32.0267, 23.2258, 82.8309



39.2421, 23.2258, 49.9917



41.4885, 23.2258, 22.1399

Triad

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



39.2421, 23.2258, 49.9917



20.9466, 23.2258, 1.8052



11.5572, 23.2258, 59.5142

Complementary

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



39.2421, 23.2258, 49.9917



29.3855, 50.1884, 20.9725

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.



9.9192, 23.2258, 28.7233



39.2421, 23.2258, 49.9917



14.4340, 23.2258, 3.4524

Square

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



39.2421, 23.2258, 49.9917



29.5441, 23.2258, 2.6516



10.8270, 23.2258, 10.4554



15.9852, 23.2258, 90.3001

Rectangle

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



39.2421, 23.2258, 49.9917



39.4991, 23.2258, 11.0624



10.8270, 23.2258, 10.4554



10.7187, 23.2258, 48.3200

Sweetspot

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



39.2429, 23.2269, 49.9922



80.0827, 72.3234, 96.9497



20.3008, 13.1231, 64.4144



16.7283, 14.7255, 20.3954



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.



39.2429, 23.2269, 49.9922



55.7200, 29.7391, 69.8965



33.6019, 20.9705, 20.2872



12.8498, 12.5914, 15.1492



21.4374, 10.5113, 25.4053



1.3192, 0.6445, 1.6701

Inverse Universe

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



39.2429, 23.2269, 49.9922



55.7200, 29.7391, 69.8965



34.2166, 52.1208, 46.4127



12.8498, 12.5914, 15.1492



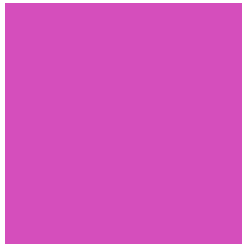
21.4374, 10.5113, 25.4053



1.3192, 0.6445, 1.6701

Previews

White Background



This preview shows how the XYZ color 39.2421, 23.2258, 49.9917 looks on a white background.

Color Contrast Check

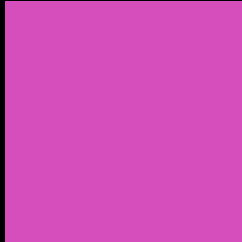
Large Text (above 18pt) WCAG AA ✓ Pass

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 39.2421, 23.2258, 49.9917 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

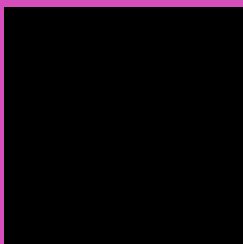
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 39.2421, 23.2258, 49.9917

Background



This preview shows how black text looks on a background with the XYZ color 39.2421, 23.2258, 49.9917.



This preview shows how white text looks on a background with the XYZ color 39.2421, 23.2258,

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

39.2421, 23.2258, 49.9917

Protanopia

26.3369, 23.7610, 78.7995

Deuteranopia

23.9623, 23.4498, 46.4433



Tritanopia

32.3879, 23.1550, 16.6723

Trichromacy



Original Color

39.2421, 23.2258, 49.9917



Protanomaly

27.6230, 21.2617, 66.9380



Deuteranomaly

27.4783, 21.7795, 47.5554



Tritanomaly

34.2835, 22.8418, 25.8945

Monochromacy



Original Color

39.2421, 23.2258, 49.9917



Achromatopsia

21.5731, 22.6966, 24.7166



Achromatomaly

26.1596, 21.4324, 32.4639

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.2421, 23.2258, 49.9917 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(213, 78, 188)` looks like.

```
.text, #text, p{  
    color:rgb(213, 78, 188)  
}
```

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(213, 78, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 78, 188) }
```

Border

The CSS property to change the border of an element to XYZ 39.2421, 23.2258, 49.9917 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(213, 78, 188) }
```


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

```
.border{ border-color:rgb(213, 78, 188) }
```

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

Here you see how a box with a 4 pixel rgb(213, 78, 188) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 78, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 78, 188);  
box-shadow:4px 4px 4px 4px rgb(213, 78,  
188) }
```

Background

The CSS property to change the background color of an element to XYZ 39.2421, 23.2258, 49.9917 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 78, 188) }
```

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

```
.background{ background-color: rgb(213, 78,  
188) }
```

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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