

Converting Colors

XYZ(37.3842, 22.1921, 43.9081)

Have a look what the booklet for
XYZ(37.3842, 22.1921, 43.9081)
contains.

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Color

**XYZ(37.3842, 22.1921,
43.9081)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | D34CB1 |
| RGB | 211, 76, 177 |
| RGB Percent | 83%, 30%, 69% |
| CMY | 0.1725, 0.7019, 0.3059 |
| CMYK | 0.00, 0.64, 0.16, 0.17 |
| HSL | 315°, 61%, 56% |
| HSV | 315°, 64%, 83% |
| XYZ | 37.3842, 22.1921, 43.9081 |
| YIQ | 127.8790, 48.0390, 60.0310 |

Conversions

Conversions Part 2

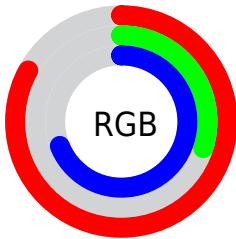
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 211, 76, 177 |
| Decimal | 13847729 |
| CIE Lab | 54.23, 63.63, -26.67 |
| CIE LCh | 54, 68.990, 337.255 |
| Yxy | 22.1921, 0.3613, 0.2144 |
| Android (android.graphics.Color) | 4292037809 (0xFFD34CB1) |
| YUV | 127.8790, 24.2167, 72.8971 |
| Hunter-Lab | 47.1085, 59.2136, -22.2861 |

Details

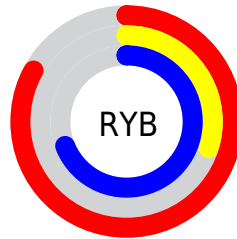
The XYZ color **37.3842, 22.1921, 43.9081** is a light color, and the websafe version is hex **CC3399**. The color can be described as light muted rose. A complement of this color would be **29.0903, 49.2516, 22.7272**, and the grayscale version is **20.3841, 21.4457, 23.3544**.

A 20% lighter version of the original color is **64.3355, 43.9182, 82.1770**, and **16.7750, 8.2275, 19.7727** is the 20% darker color. If you saturate the color by 10%, you get **35.6422, 19.5390, 40.7647**, and if you desaturate by 10%, it is **39.6248, 25.8086, 47.3199**.

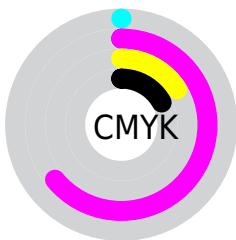
Distribution



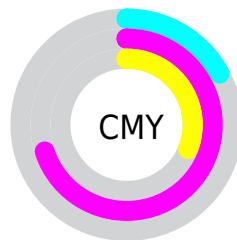
- Red (83%)
- Green (30%)
- Blue (69%)



- Red (83%)
- Yellow (30%)
- Blue (69%)



- Cyan (0%)
- Magenta (64%)
- Yellow (16%)
- Black (17%)





- Cyan (17%)
- Magenta (70%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 37.3842, 22.1921, 43.9081 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 37.3842, 22.1921, 43.9081 by changing the saturation by 10% instead.


 37.3842, 22.1921,
43.9081


 37.3842, 22.1921,
43.9081


326.2976,
263.5478, 378.3635


 25.6801, 13.9981,
30.2616


 70.4733, 47.0633,
82.3804

 16.7159, 8.1194,
19.7835

 92.5890, 64.5093,
108.0434


 10.1262, 4.1714,
12.0553


 118.9061, 85.8081,
138.5488

 5.5456, 1.7699,
6.6583

 149.7897,
111.3441, 174.3154

 2.6088, 0.4683,
3.1742

 185.6053,
141.5017, 215.7616

 0.9505, 0.0000,
1.1842

226.7183,

 0.0000, 0.0000,

176.6652, 263.3060

0.0000

273.4939,
217.2191, 317.3671

■ 37.3842, 22.1921,
43.9081

■ 37.3842, 22.1921,
43.9081

■ 35.6422, 19.5390,
40.7647

■ 39.6248, 25.8086,
47.3199

■ 34.3478, 17.7489,
37.8710

■ 42.4042, 30.4696,
51.0139

■ 33.4424, 16.7046,
35.2064

■ 45.7607, 36.2511,
55.0044

■ 33.0234, 16.3127,
33.6913

■ 49.7285, 43.2212,
59.3038

■ 54.3392, 51.4426,
63.9236

■ 59.6221, 60.9736,
68.8747

■ 65.6046, 71.8686,
74.1673

■ 72.3125, 84.1791,
79.8111

■ 76.1915, 90.7959,
84.6221

Harmonies

Analogous

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



31.0830, 22.1921, 74.2001



37.3842, 22.1921, 43.9081



38.8770, 22.1921, 19.3139

Triad

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



37.3842, 22.1921, 43.9081



19.3236, 22.1921, 1.9862



11.5705, 22.1921, 58.7814

Complementary

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



37.3842, 22.1921, 43.9081



29.0903, 49.2516, 22.7272

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.



9.7774, 22.1921, 29.7636



37.3842, 22.1921, 43.9081



13.5118, 22.1921, 3.9439

Square

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



37.3842, 22.1921, 43.9081



27.1745, 22.1921, 2.5822



10.3925, 22.1921, 11.4541



15.9940, 22.1921, 85.7739

Rectangle

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



37.3842, 22.1921, 43.9081



36.6862, 22.1921, 9.7550



10.3925, 22.1921, 11.4541



10.6946, 22.1921, 48.4422

Sweetspot

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



37.3849, 22.1932, 43.9085



79.5910, 72.1267, 94.3604



20.7429, 13.1724, 63.0776



16.6082, 14.6775, 19.7633



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.



37.3849, 22.1932, 43.9085



53.8716, 28.7863, 60.8209



32.2503, 20.1393, 16.8697



12.1783, 11.9561, 14.2146



19.9726, 9.8619, 20.5595



1.1476, 0.5638, 1.3120

Inverse Universe

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



37.3849, 22.1932, 43.9085



53.8716, 28.7863, 60.8209



34.2365, 51.3100, 49.8263



12.1783, 11.9561, 14.2146



19.9726, 9.8619, 20.5595



1.1476, 0.5638, 1.3120

Previews

White Background



This preview shows how the XYZ color 37.3842, 22.1921, 43.9081 looks on a white background.

Color Contrast Check

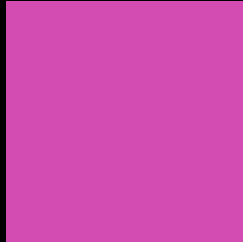
Large Text (above 18pt) WCAG AA ✓ Pass

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 37.3842, 22.1921, 43.9081 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

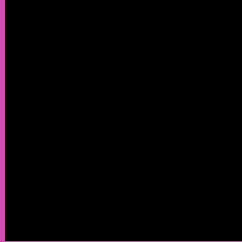
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 37.3842, 22.1921, 43.9081

Background



This preview shows how black text looks on a background with the XYZ color 37.3842, 22.1921, 43.9081.



This preview shows how white text looks on a background with the XYZ color 37.3842, 22.1921,

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

37.3842, 22.1921, 43.9081

Protanopia

24.6579, 22.5160, 69.3761

Deuteranopia

22.9066, 22.4405, 40.6603



Tritanopia

31.5329, 22.1824, 15.4516

Trichromacy



Original Color

37.3842, 22.1921, 43.9081



Protanomaly

26.1337, 20.1878, 59.0192



Deuteranomaly

26.2415, 20.7859, 41.6587



Tritanomaly

33.3338, 22.0219, 23.6129

Monochromacy



Original Color

37.3842, 22.1921, 43.9081



Achromatopsia

20.5175, 21.5861, 23.5072



Achromatomaly

24.7575, 20.2817, 29.8040

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.3842, 22.1921, 43.9081 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, 76, 177)` looks like.

```
.text, #text, p{  
    color:rgb(211, 76, 177)  
}
```

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, 76, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 76, 177) }
```

Border

The CSS property to change the border of an element to XYZ 37.3842, 22.1921, 43.9081 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, 76, 177) }
```


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

```
.border{ border-color:rgb(211, 76, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 76, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 76, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 76, 177);  
box-shadow:4px 4px 4px 4px rgb(211, 76,  
177) }
```

Background

The CSS property to change the background color of an element to XYZ 37.3842, 22.1921, 43.9081 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 76, 177) }
```

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

```
.background{ background-color: rgb(211, 76,  
177) }
```

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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