

Converting Colors

XYZ(41.6141, 24.8023, 41.0610)

Have a look what the booklet for
XYZ(41.6141, 24.8023, 41.0610)
contains.

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Color

**XYZ(41.5107, 24.7010,
41.1080)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | E24FAB |
| RGB | 226, 79, 171 |
| RGB Percent | 89%, 31%, 67% |
| CMY | 0.1137, 0.6902, 0.3294 |
| CMYK | 0.00, 0.65, 0.24, 0.11 |
| HSL | 322°, 72%, 60% |
| HSV | 322°, 65%, 89% |
| XYZ | 41.5107, 24.7010, 41.1080 |
| YIQ | 133.4410, 58.0800, 59.7760 |

Conversions

Conversions Part 2

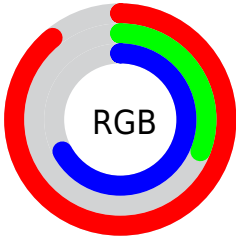
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 226, 79, 171 |
| Decimal | 14831531 |
| CIE Lab | 56.78, 65.63, -19.06 |
| CIE LCh | 57, 68.346, 343.805 |
| Yxy | 24.7010, 0.3868, 0.2302 |
| Android (android.graphics.Color) | 4293021611 (0xFFE24FAB) |
| YUV | 133.4410, 18.5166, 81.1742 |
| Hunter-Lab | 49.7001, 62.1122, -14.2499 |

Details

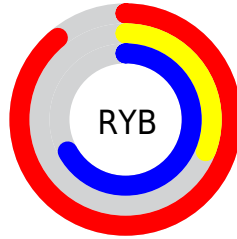
The XYZ color **41.5107, 24.7010, 41.1080** is a light color, and the websafe version is hex **CC3399**. The color can be described as light muted rose. A complement of this color would be **34.7252, 57.7770, 31.8791**, and the grayscale version is **22.3760, 23.5413, 25.6365**.

A 20% lighter version of the original color is **63.9131, 44.6423, 77.1997**, and **19.2661, 9.5474, 18.2802** is the 20% darker color. If you saturate the color by 10%, you get **39.3683, 21.6649, 36.5435**, and if you desaturate by 10%, it is **44.2601, 28.8679, 46.1297**.

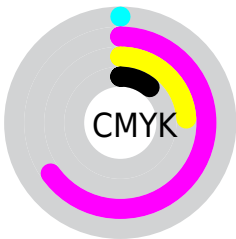
Distribution



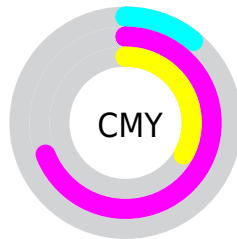
- Red (89%)
- Green (31%)
- Blue (67%)



- Red (89%)
- Yellow (31%)
- Blue (67%)



- Cyan (0%)
- Magenta (65%)
- Yellow (24%)
- Black (11%)



- Cyan (11%)
- Magenta (69%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.5107, 24.7010, 41.1080 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 41.5107, 24.7010, 41.1080 by changing the saturation by 10% instead.

41.5107, 24.7010,
41.1080

41.5107, 24.7010,
41.1080

343.4768,
276.3456, 366.4618

28.9078, 15.8544,
28.0831

76.7284, 51.1717,
78.1033

19.1550, 9.4212,
18.1488

100.0738, 69.5647,
102.9108

11.8870, 5.0169,
10.8863

127.7309, 91.9086,
132.4829

6.7384, 2.2572,
5.8772

160.0648,
118.5878, 167.2382

3.3439, 0.7509,
2.7030

197.4410,
149.9867, 207.5952

1.3381, 0.0000,
0.9449

240.2248,

0.2115, 0.0000,

186.4897, 253.9724

0.0000

288.7817,
228.4812, 306.7884

■ 0.0000, 0.0000,
0.0000

■ 41.5107, 24.7010,
41.1080

■ 41.5107, 24.7010,
41.1080

■ 39.3683, 21.6649,
36.5435

■ 44.2601, 28.8679,
46.1297

■ 37.7708, 19.6380,
32.4101

■ 47.6657, 34.2635,
51.6290

■ 36.6459, 18.4768,
28.6791

■ 51.7740, 40.9790,
57.6261

■ 36.2045, 18.1050,
26.9570

■ 56.6266, 49.0963,
64.1392

■ 62.2617, 58.6902,
71.1852

■ 68.7147, 69.8304,
78.7802

■ 76.0190, 82.5821,
86.9392

■ 82.6525, 93.9002,
95.1591

■ 83.9291, 94.4108,
101.8815

Harmonies

Analogous

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



35.7811, 24.7010, 72.7098



41.5107, 24.7010, 41.1080



41.7534, 24.7010, 17.7130

Triad

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



41.5107, 24.7010, 41.1080



20.0032, 24.7010, 2.8118



14.0535, 24.7010, 70.2231

Complementary

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



41.5107, 24.7010, 41.1080



34.7252, 57.7770, 31.8791

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.



11.5067, 24.7010, 38.8028



41.5107, 24.7010, 41.1080



14.3774, 24.7010, 6.0130

Square

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



41.5107, 24.7010, 41.1080



28.0225, 24.7010, 2.9184



11.6100, 24.7010, 16.4061



19.4527, 24.7010, 95.0166

Rectangle

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



41.5107, 24.7010, 41.1080



38.6751, 24.7010, 9.1062



11.6100, 24.7010, 16.4061



12.8963, 24.7010, 59.5015

Sweetspot

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



41.5115, 24.7023, 41.1085



77.9612, 70.4971, 88.7923



26.1820, 16.0630, 73.6723



16.2478, 14.3436, 18.4506



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.



41.5115, 24.7023, 41.1085



50.9563, 27.4169, 46.0956



36.3941, 22.6553, 14.1609



14.0662, 13.8441, 16.1187



20.7139, 10.3526, 15.6912



1.4787, 0.7348, 1.3138

Inverse Universe

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



41.5115, 24.7023, 41.1085



50.9563, 27.4169, 46.0956



41.6110, 60.5313, 68.1391



14.0662, 13.8441, 16.1187



20.7139, 10.3526, 15.6912



1.4787, 0.7348, 1.3138

Previews

White Background



This preview shows how the XYZ color 41.5107, 24.7010, 41.1080 looks on a white background.

Color Contrast Check

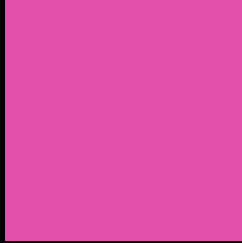
Large Text (above 18pt) WCAG AA ✓ Pass

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 41.5107, 24.7010, 41.1080 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 41.5107, 24.7010, 41.1080

Background



This preview shows how black text looks on a background with the XYZ color 41.5107, 24.7010, 41.1080.



This preview shows how white text looks on a background with the XYZ color 41.5107, 24.7010,

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

41.5107, 24.7010, 41.1080

Protanopia

26.5931, 24.9918, 65.7096

Deuteranopia

25.4525, 25.0129, 38.1368



Tritanopia

36.1463, 24.5607, 15.6675

Trichromacy



Original Color

41.5107, 24.7010, 41.1080



Protanomaly

28.8579, 22.6452, 55.6733



Deuteranomaly

29.2624, 23.2228, 39.0165



Tritanomaly

37.6766, 24.4004, 23.1461

Monochromacy



Original Color

41.5107, 24.7010, 41.1080



Achromatopsia

22.2940, 23.4551, 25.5426



Achromatomaly

27.1079, 22.1323, 30.4470

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.5107, 24.7010, 41.1080 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(226, 79, 171)` looks like.

```
.text, #text, p{  
    color:rgb(226, 79, 171)  
}
```

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(226, 79, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 79, 171) }
```

Border

The CSS property to change the border of an element to XYZ 41.5107, 24.7010, 41.1080 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(226, 79, 171) }
```


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

```
.border{ border-color:rgb(226, 79, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 79, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 79, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 79, 171);  
box-shadow:4px 4px 4px 4px rgb(226, 79,  
171) }
```

Background

The CSS property to change the background color of an element to XYZ 41.5107, 24.7010, 41.1080 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 79, 171) }
```

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

```
.background{ background-color: rgb(226, 79,  
171) }
```

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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