

Converting Colors

XYZ(41.8406, 24.2413, 46.1899)

Have a look what the booklet for
XYZ(41.8406, 24.2413, 46.1899)
contains.

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Color

**XYZ(41.8406, 24.2413,
46.1899)**

Conversions

Conversions Part 1

Format	Color
Hex	E14AB5
RGB	225, 74, 181
RGB Percent	88%, 29%, 71%
CMY	0.1176, 0.7098, 0.2902
CMYK	0.00, 0.67, 0.20, 0.12
HSL	317°, 72%, 59%
HSV	317°, 67%, 88%
XYZ	41.8406, 24.2413, 46.1899
YIQ	131.3470, 55.6490, 65.2890

Conversions

Conversions Part 2

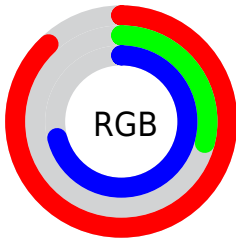
Format	Color
R _Y B	225, 74, 181
Decimal	14764725
CIE Lab	56.33, 68.59, -25.57
CIE LCh	56, 73.206, 339.554
Yxy	24.2413, 0.3727, 0.2159
Android (android.graphics.Color)	4292954805 (0xFFE14AB5)
YUV	131.3470, 24.4789, 82.1337
Hunter-Lab	49.2355, 65.5284, -21.1577

Details

The XYZ color **41.8406, 24.2413, 46.1899** 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 **33.0205, 56.6151, 26.3295**, and the grayscale version is **21.5999, 22.7248, 24.7473**.

A 20% lighter version of the original color is **64.9136, 44.1495, 85.2211**, and **19.6222, 9.6655, 21.2535** is the 20% darker color. If you saturate the color by 10%, you get **39.9410, 21.4933, 42.3152**, and if you desaturate by 10%, it is **44.3103, 28.0782, 50.4113**.

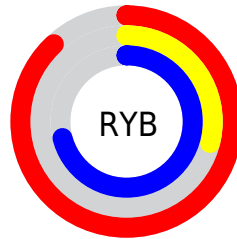
Distribution



Red (88%)

Green (29%)

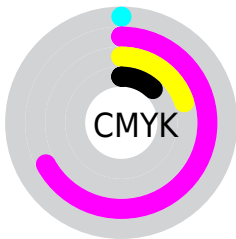
Blue (71%)



Red (88%)

Yellow (29%)

Blue (71%)

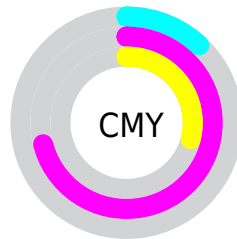


Cyan (0%)

Magenta (67%)

Yellow (20%)

Black (12%)



Cyan (12%)


Magenta (71%)


Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.8406, 24.2413, 46.1899 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 41.8406, 24.2413, 46.1899 by changing the saturation by 10% instead.


 41.8406, 24.2413,
46.1899

 41.8406, 24.2413,
46.1899


344.8246,
274.0381, 387.8713


 29.1671, 15.5127,
32.0460


 77.2250, 50.4237,
85.8404


 19.3522, 9.1800,
21.1315

 100.6666, 68.6463,
112.1840


 12.0305, 4.8588,
13.0280


 128.4282, 90.8023,
143.4313

 6.8368, 2.1646,
7.3169

 160.8752,
117.2762, 180.0008

 3.4057, 0.7006,
3.5796

 198.3730,
148.4523, 222.3110

 1.3717, 0.0000,
1.3977

241.2870,

 0.2360, 0.0000,

184.7151, 270.7804

0.1399

289.9824,
226.4489, 325.8277

■ 0.0000, 0.0000,
0.0000

■ 41.8406, 24.2413,
46.1899

■ 41.8406, 24.2413,
46.1899

■ 39.9410, 21.4933,
42.3152

■ 44.3103, 28.0782,
50.4113

■ 38.5485, 19.7097,
38.7634

■ 47.3997, 33.1034,
54.9974


■ 37.5844, 18.7338,
35.5064


■ 51.1554, 39.4092,
59.9659


■ 37.3473, 18.5259,
34.6062


■ 55.6188, 47.0777,
65.3326

■ 60.8277, 56.1841,
71.1123

 66.8175, 66.7981,
77.3184

 73.6209, 78.9850,
83.9639

 81.2690, 92.8059,
91.0610

 82.5412, 93.8195,
96.2047

Harmonies

Analogous

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



34.9992, 24.2413, 80.9043



41.8406, 24.2413, 46.1899



43.0387, 24.2413, 19.4066

Triad

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



41.8406, 24.2413, 46.1899



20.4503, 24.2413, 1.9710



12.6552, 24.2413, 68.4409

Complementary

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



41.8406, 24.2413, 46.1899



33.0205, 56.6151, 26.3295

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.



10.4551, 24.2413, 34.8863



41.8406, 24.2413, 46.1899



14.1732, 24.2413, 4.3290

Square

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



41.8406, 24.2413, 46.1899



29.1882, 24.2413, 2.4043



10.9330, 24.2413, 13.2590



17.8232, 24.2413, 98.3011

Rectangle

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



41.8406, 24.2413, 46.1899



40.2401, 24.2413, 9.4647



10.9330, 24.2413, 13.2590



11.6092, 24.2413, 56.6024

Sweetspot

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



41.8414, 24.2425, 46.1904



78.5816, 70.7452, 92.0593



23.3479, 14.1023, 72.7260



16.3973, 14.4033, 19.2376



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.



41.8414, 24.2425, 46.1904



52.1443, 27.3424, 54.0466



36.1401, 21.9620, 16.1680



14.1159, 13.8640, 16.3804



21.5743, 10.6967, 20.2217



1.5338, 0.7568, 1.6038

Inverse Universe

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



41.8414, 24.2425, 46.1904



52.1443, 27.3424, 54.0466



39.2961, 59.1253, 59.3764



14.1159, 13.8640, 16.3804



21.5743, 10.6967, 20.2217



1.5338, 0.7568, 1.6038

Previews

White Background



This preview shows how the XYZ color 41.8406, 24.2413, 46.1899 looks on a white background.

Color Contrast Check

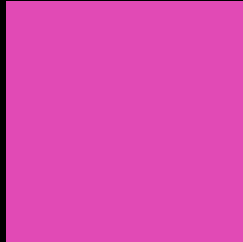
Large Text (above 18pt) WCAG AA ✓ Pass

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 41.8406, 24.2413, 46.1899 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

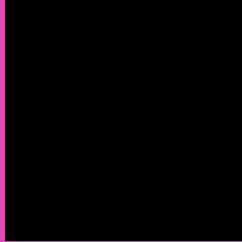
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 41.8406, 24.2413, 46.1899

Background



This preview shows how black text looks on a background with the XYZ color 41.8406, 24.2413, 46.1899.



This preview shows how white text looks on a background with the XYZ color 41.8406, 24.2413,

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

41.8406, 24.2413, 46.1899

Protanopia

26.9403, 24.5354, 75.9889

Deuteranopia

24.8872, 24.4207, 42.4317



Tritanopia

35.4946, 24.2305, 15.3766

Trichromacy



Original Color

41.8406, 24.2413, 46.1899



Protanomaly

28.6450, 21.8617, 63.6827



Deuteranomaly

28.8419, 22.5760, 43.3949



Tritanomaly

37.4053, 23.9903, 24.1318

Monochromacy



Original Color

41.8406, 24.2413, 46.1899



Achromatopsia

21.5731, 22.6966, 24.7166



Achromatomaly

26.5178, 21.3211, 31.1515

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.8406, 24.2413, 46.1899 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(225, 74, 181)` looks like.

```
.text, #text, p{  
    color:rgb(225, 74, 181)  
}
```

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(225, 74, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 74, 181) }
```

Border

The CSS property to change the border of an element to XYZ 41.8406, 24.2413, 46.1899 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(225, 74, 181) }
```


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

```
.border{ border-color:rgb(225, 74, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 74, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 74, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 74, 181);  
box-shadow:4px 4px 4px 4px rgb(225, 74,  
181) }
```

Background

The CSS property to change the background color of an element to XYZ 41.8406, 24.2413, 46.1899 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 74, 181) }
```

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

```
.background{ background-color: rgb(225, 74,  
181) }
```

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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