

Converting Colors

XYZ(43.0470, 24.6107, 58.3588)

Have a look what the booklet for
XYZ(43.0470, 24.6107, 58.3588)
contains.

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Color

**XYZ(42.9282, 24.5340,
58.3501)**

Conversions

Conversions Part 1

Format	Color
Hex	DD4ACA
RGB	221, 74, 202
RGB Percent	87%, 29%, 79%
CMY	0.1333, 0.7098, 0.2078
CMYK	0.00, 0.67, 0.09, 0.13
HSL	308°, 68%, 58%
HSV	308°, 67%, 87%
XYZ	42.9282, 24.5340, 58.3501
YIQ	132.5450, 46.5240, 70.9720

Conversions

Conversions Part 2

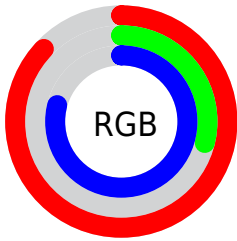
Format	Color
R_{YB}	221, 74, 202
Decimal	14502602
CIE _{Lab}	56.62, 70.61, -37.25
CIE _{LCh}	57, 79.834, 332.189
Yxy	24.5340, 0.3412, 0.1950
Android (android.graphics.Color)	4292692682 (0xFFDD4ACA)
YUV	132.5450, 34.2413, 77.5750
Hunter-Lab	49.5318, 68.0216, -35.1733

Details

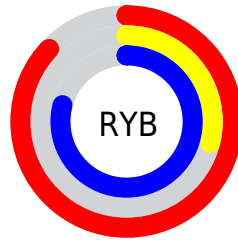
The XYZ color **42.9282, 24.5340, 58.3501** is a light color, and the websafe version is hex **CC33CC**. The color can be described as light muted magenta. A complement of this color would be **30.6574, 53.9599, 19.1573**, and the grayscale version is **21.9985, 23.1442, 25.2040**.

A 20% lighter version of the original color is **67.6775, 45.2551, 99.7758**, and **20.1668, 9.7880, 28.4301** is the 20% darker color. If you saturate the color by 10%, you get **41.3684, 21.9502, 56.1769**, and if you desaturate by 10%, it is **45.0140, 28.1586, 60.7299**.

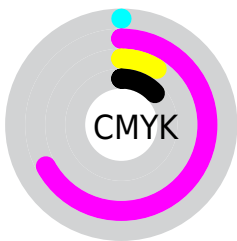
Distribution



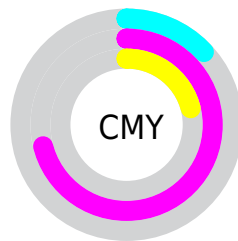
- Red (87%)
- Green (29%)
- Blue (79%)



- Red (87%)
- Yellow (29%)
- Blue (79%)



- Cyan (0%)
- Magenta (67%)
- Yellow (9%)
- Black (13%)





- Cyan (13%)
- Magenta (71%)
- Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 42.9282, 24.5340, 58.3501 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 42.9282, 24.5340, 58.3501 by changing the saturation by 10% instead.


 42.9282, 24.5340,
58.3501


 42.9282, 24.5340,
58.3501

349.2429,
275.5092, 436.1239


 30.0231, 15.7302,
41.6736


 78.8589, 50.9002,
103.9523


 20.0043, 9.3334,
28.5221


 102.6151, 69.2314,
133.7151


 12.5064, 4.9593,
18.4772

 130.7192, 91.5073,
168.6771

 7.1642, 2.2234,
11.1201

 163.5363,
118.1121, 209.2569

 3.6122, 0.7327,
6.0325

 201.4319,
149.4303, 255.8729

 1.4852, 0.0000,
2.7957

244.7713,

 0.3157, 0.0000,

185.8463, 308.9437

0.9913

293.9198,
227.7445, 368.8878

■ 0.0000, 0.0000,
0.0000

■ 42.9282, 24.5340,
58.3501

■ 42.9282, 24.5340,
58.3501

■ 41.3684, 21.9502,
56.1769

■ 45.0140, 28.1586,
60.7299

■ 40.2750, 20.2897,
54.1897

■ 47.6720, 32.9182,
63.3313

■ 39.5764, 19.4091,
52.3647

■ 50.9463, 38.9002,
66.1694

■ 39.3817, 19.1973,
51.7516

■ 54.8759, 46.1828,
69.2573

■ 59.4967, 54.8373,
72.6071

64.8418, 64.9302,
76.2301

70.9421, 76.5234,
80.1366

77.8271, 89.6753,
84.3367

79.5424, 92.4776,
86.8458

Harmonies

Analogous

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



34.1736, 24.5340, 97.4925



42.9282, 24.5340, 58.3501



46.0785, 24.5340, 24.8088

Triad

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



42.9282, 24.5340, 58.3501



22.6440, 24.5340, 1.2760



11.2436, 24.5340, 64.2279

Complementary

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



42.9282, 24.5340, 58.3501



30.6574, 53.9599, 19.1573

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.



9.6474, 24.5340, 28.7129



42.9282, 24.5340, 58.3501



15.0469, 24.5340, 2.6066

Square

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



42.9282, 24.5340, 58.3501



32.6733, 24.5340, 2.2144



10.8298, 24.5340, 9.2616



15.9456, 24.5340, 102.1924

Rectangle

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



42.9282, 24.5340, 58.3501



44.0488, 24.5340, 11.6892



10.8298, 24.5340, 9.2616



10.3922, 24.5340, 51.0318

Sweetspot

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



42.9291, 24.5352, 58.3506



79.8395, 71.2484, 98.6833



19.8304, 12.3512, 69.7460



16.7019, 14.5252, 20.8415



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.



42.9291, 24.5352, 58.3506



56.5152, 29.2642, 76.5288



36.3215, 21.8921, 23.5555



13.5382, 13.2444, 16.0952



22.9070, 11.1638, 30.2198



1.5047, 0.7315, 2.0664

Inverse Universe

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



42.9291, 24.5352, 58.3506



56.5152, 29.2642, 76.5288



35.4413, 55.8735, 44.3489



13.5382, 13.2444, 16.0952



22.9070, 11.1638, 30.2198



1.5047, 0.7315, 2.0664

Previews

White Background



This preview shows how the XYZ color 42.9282, 24.5340, 58.3501 looks on a white background.

Color Contrast Check

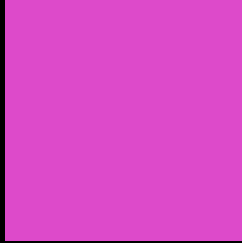
Large Text (above 18pt) WCAG AA ✓ Pass

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 42.9282, 24.5340, 58.3501 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

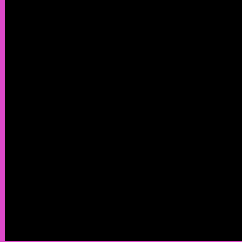
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 42.9282, 24.5340, 58.3501

Background



This preview shows how black text looks on a background with the XYZ color 42.9282, 24.5340, 58.3501.

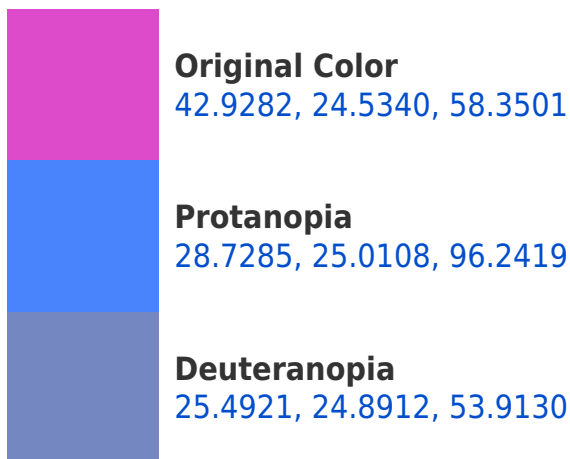


This preview shows how white text looks on a background with the XYZ color 42.9282, 24.5340,

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





Tritanopia

34.3757, 24.4558, 17.3766

Trichromacy



Original Color

42.9282, 24.5340, 58.3501



Protanomaly

29.2881, 21.8214, 80.5102



Deuteranomaly

29.1954, 22.6658, 55.0607



Tritanomaly

36.8094, 24.0845, 28.6953

Monochromacy



Original Color

42.9282, 24.5340, 58.3501



Achromatopsia

22.2940, 23.4551, 25.5426



Achromatomaly

27.4828, 22.0563, 35.1565

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.9282, 24.5340, 58.3501 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(221, 74, 202)` looks like.

```
.text, #text, p{  
    color:rgb(221, 74, 202)  
}
```

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(221, 74, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 74, 202) }
```

Border

The CSS property to change the border of an element to XYZ 42.9282, 24.5340, 58.3501 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(221, 74, 202) }
```


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

```
.border{ border-color:rgb(221, 74, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 74, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 74, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 74, 202);  
box-shadow:4px 4px 4px 4px rgb(221, 74,  
202) }
```

Background

The CSS property to change the background color of an element to XYZ 42.9282, 24.5340, 58.3501 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 74, 202) }
```

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

```
.background{ background-color: rgb(221, 74,  
202) }
```

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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