

Converting Colors

XYZ(42.9592, 25.5046, 40.3072)

Have a look what the booklet for
XYZ(42.9592, 25.5046, 40.3072)
contains.

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Color

**XYZ(42.9124, 25.4455,
40.1858)**

Conversions

Conversions Part 1

Format	Color
Hex	E74FA9
RGB	231, 79, 169
RGB Percent	91%, 31%, 66%
CMY	0.0941, 0.6902, 0.3373
CMYK	0.00, 0.66, 0.27, 0.09
HSL	324°, 76%, 61%
HSV	324°, 66%, 91%
XYZ	42.9124, 25.4455, 40.1858
YIQ	134.7080, 61.7020, 60.2140

Conversions

Conversions Part 2

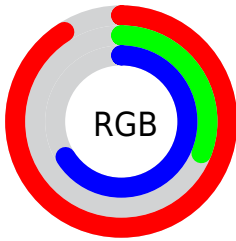
Format	Color
R _Y B	231, 79, 169
Decimal	15159209
CIE Lab	57.51, 66.74, -16.73
CIE LCh	58, 68.800, 345.931
Yxy	25.4455, 0.3953, 0.2344
Android (android.graphics.Color)	4293349289 (0xFFE74FA9)
YUV	134.7080, 16.9060, 84.4481
Hunter-Lab	50.4435, 63.5741, -11.9229

Details

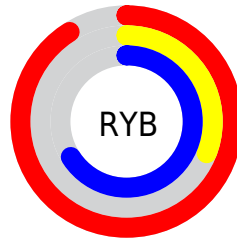
The XYZ color **42.9124, 25.4455, 40.1858** is a light color, and the websafe version is hex **CC3399**. The color can be described as light muted rose. A complement of this color would be **36.6096, 60.7380, 34.9968**, and the grayscale version is **22.8458, 24.0356, 26.1747**.

A 20% lighter version of the original color is **63.6402, 44.5331, 75.7626**, and **20.0055, 9.9423, 17.6943** is the 20% darker color. If you saturate the color by 10%, you get **40.6731, 22.3318, 35.2310**, and if you desaturate by 10%, it is **45.7956, 29.7445, 45.6702**.

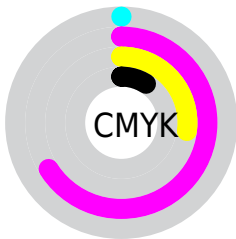
Distribution



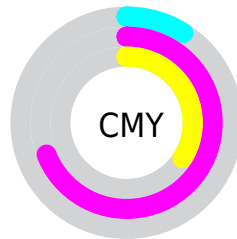
- Red (91%)
- Green (31%)
- Blue (66%)



- Red (91%)
- Yellow (31%)
- Blue (66%)



- Cyan (0%)
- Magenta (66%)
- Yellow (27%)
- Black (9%)





- Cyan (9%)
- Magenta (69%)
- Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 42.9124, 25.4455, 40.1858 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 42.9124, 25.4455, 40.1858 by changing the saturation by 10% instead.

 42.9124, 25.4455,
40.1858

 42.9124, 25.4455,
40.1858

349.1790,
280.0494, 362.4814


 30.0106, 16.4093,
27.3686

 78.8352, 52.3790,
76.6865


 19.9948, 9.8142,
17.6153


 102.5869, 71.0451,
101.2071

 12.4995, 5.2760,
10.5076


 130.6860, 93.6900,
130.4659

 7.1594, 2.4101,
5.6268

 163.4977,
120.6980, 164.8814

 3.6092, 0.8311,
2.5544

201.3876,
152.4535, 204.8721

 1.4835, 0.0000,
0.8688

244.7208,

 0.3146, 0.0000,

189.3410, 250.8567

0.0000

293.8629,
231.7448, 303.2536

■ 0.0000, 0.0000,
0.0000

■ 42.9124, 25.4455,
40.1858

■ 42.9124, 25.4455,
40.1858

■ 40.6731, 22.3318,
35.2310

■ 45.7956, 29.7445,
45.6702

■ 39.0111, 20.2731,
30.7765

■ 49.3757, 35.3334,
51.7077


■ 37.8482, 19.1148,
26.7895


■ 53.7024, 42.3094,
58.3212


■ 37.4540, 18.7885,
25.2335

■ 58.8202, 50.7595,
65.5316

■ 64.7699, 60.7634,
73.3584

 71.5893, 72.3949,
81.8199

 79.3141, 85.7234,
90.9334

 85.1025, 95.0639,
99.7574

 86.5735, 95.6523,
107.5034

Harmonies

Analogous

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



37.3630, 25.4455, 72.4295



42.9124, 25.4455, 40.1858



42.7186, 25.4455, 17.0750

Triad

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



42.9124, 25.4455, 40.1858



20.1135, 25.4455, 3.0257



14.7988, 25.4455, 74.4140

Complementary

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



42.9124, 25.4455, 40.1858



36.6096, 60.7380, 34.9968

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.



11.9785, 25.4455, 42.0272



42.9124, 25.4455, 40.1858



14.5395, 25.4455, 6.6809

Square

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



42.9124, 25.4455, 40.1858



28.2209, 25.4455, 2.9399



11.8958, 25.4455, 18.1209



20.5538, 25.4455, 98.5652

Rectangle

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



42.9124, 25.4455, 40.1858



39.3169, 25.4455, 8.7674



11.8958, 25.4455, 18.1209



13.5396, 25.4455, 63.5129

Sweetspot

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



42.9132, 25.4468, 40.1863



77.7124, 70.3975, 87.4820



28.0029, 16.9214, 77.3917



16.1880, 14.3196, 18.1358



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.



42.9132, 25.4468, 40.1863



50.0642, 26.8670, 41.9937



37.7814, 23.3941, 13.1629



14.7333, 14.5105, 16.7959



21.0603, 10.5583, 14.4784



1.6021, 0.7986, 1.3112

Inverse Universe

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



42.9132, 25.4468, 40.1863



50.0642, 26.8670, 41.9937



44.1701, 63.7622, 74.8103



14.7333, 14.5105, 16.7959



21.0603, 10.5583, 14.4784



1.6021, 0.7986, 1.3112

Previews

White Background



This preview shows how the XYZ color 42.9124, 25.4455, 40.1858 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 42.9124, 25.4455, 40.1858 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

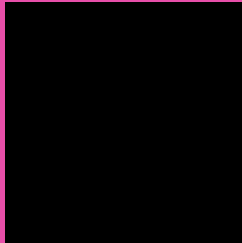
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 42.9124, 25.4455, 40.1858

Background



This preview shows how black text looks on a background with the XYZ color 42.9124, 25.4455, 40.1858.



This preview shows how white text looks on a background with the XYZ color 42.9124, 25.4455,

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

42.9124, 25.4455, 40.1858

Protanopia

27.2441, 25.7562, 65.1635

Deuteranopia

26.0815, 25.5639, 37.2779



Tritanopia

37.6325, 25.3326, 15.4766

Trichromacy



Original Color

42.9124, 25.4455, 40.1858



Protanomaly

29.6121, 23.2156, 55.1449



Deuteranomaly

30.2871, 23.9405, 38.1466



Tritanomaly

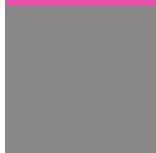
39.1006, 25.1496, 22.5322

Monochromacy



Original Color

42.9124, 25.4455, 40.1858



Achromatopsia

23.0288, 24.2281, 26.3844



Achromatomaly

27.9748, 22.9141, 30.5522

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.9124, 25.4455, 40.1858 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(231, 79, 169)` looks like.

```
.text, #text, p{  
    color:rgb(231, 79, 169)  
}
```

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(231, 79, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 79, 169) }
```

Border

The CSS property to change the border of an element to XYZ 42.9124, 25.4455, 40.1858 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(231, 79, 169) }
```


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

```
.border{ border-color:rgb(231, 79, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 79, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(231, 79, 169); -webkit-box-shadow:4px 4px 4px 4px rgb(231, 79, 169); box-shadow:4px 4px 4px 4px rgb(231, 79, 169) }
```

Background

The CSS property to change the background color of an element to XYZ 42.9124, 25.4455, 40.1858 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 79, 169) }
```

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

```
.background{ background-color: rgb(231, 79,  
169) }
```

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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