

Converting Colors

XYZ(42.0970, 24.3103, 44.5931)

Have a look what the booklet for
XYZ(42.0970, 24.3103, 44.5931)
contains.

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Color

**XYZ(42.0970, 24.3103,
44.5931)**

Conversions

Conversions Part 1

Format	Color
Hex	E349B2
RGB	227, 73, 178
RGB Percent	89%, 29%, 70%
CMY	0.1098, 0.7137, 0.3020
CMYK	0.00, 0.68, 0.22, 0.11
HSL	319°, 73%, 59%
HSV	319°, 68%, 89%
XYZ	42.0970, 24.3103, 44.5931
YIQ	131.0160, 58.0790, 65.3030

Conversions

Conversions Part 2

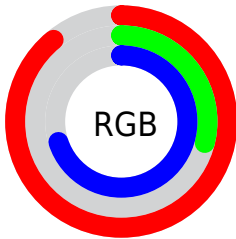
Format	Color
R _Y B	227, 73, 178
Decimal	14895538
CIE Lab	56.40, 69.07, -23.70
CIE LCh	56, 73.028, 341.061
Yxy	24.3103, 0.3793, 0.2190
Android (android.graphics.Color)	4293085618 (0xFFE349B2)
YUV	131.0160, 23.1631, 84.1780
Hunter-Lab	49.3055, 66.1187, -19.1095

Details

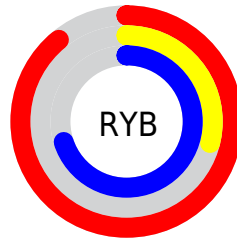
The XYZ color **42.0970, 24.3103, 44.5931** is a light color, and the websafe version is hex **CC3399**. The color can be described as light muted rose. A complement of this color would be **33.7309, 57.7607, 27.7862**, and the grayscale version is **21.4858, 22.6047, 24.6165**.

A 20% lighter version of the original color is **64.3425, 43.7030, 82.8862**, and **19.8501, 9.8055, 20.2485** is the 20% darker color. If you saturate the color by 10%, you get **40.1621, 21.5704, 40.4637**, and if you desaturate by 10%, it is **44.6157, 28.1558, 49.1059**.

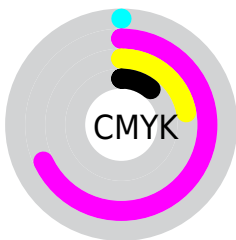
Distribution



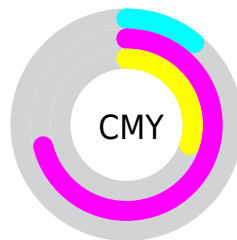
- Red (89%)
- Green (29%)
- Blue (70%)



- Red (89%)
- Yellow (29%)
- Blue (70%)



- Cyan (0%)
- Magenta (68%)
- Yellow (22%)
- Black (11%)





- Cyan (11%)
- Magenta (71%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 42.0970, 24.3103, 44.5931 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 42.0970, 24.3103, 44.5931 by changing the saturation by 10% instead.

 42.0970, 24.3103,
44.5931


 42.0970, 24.3103,
44.5931

345.8697,
274.3855, 381.2351

 29.3687, 15.5640,
30.7964


 77.6107, 50.5361,
83.4214


 19.5056, 9.2161,
20.1867


 101.1267, 68.7843,
109.2902


 12.1423, 4.8824,
12.3454


 128.9694, 90.9687,
140.0201

 6.9136, 2.1784,
6.8540

 161.5041,
117.4735, 176.0296

 3.4540, 0.7082,
3.2939

 199.0961,
148.6832, 217.7373

 1.3981, 0.0000,
1.2466

242.1108,

 0.2549, 0.0000,

184.9822, 265.5618

0.0174

290.9135,
226.7548, 319.9215

■ 0.0000, 0.0000,
0.0000

■ 42.0970, 24.3103,
44.5931

■ 42.0970, 24.3103,
44.5931

■ 40.1621, 21.5704,
40.4637

■ 44.6157, 28.1558,
49.1059

■ 38.7454, 19.8073,
36.6924

■ 47.7694, 33.2098,
54.0215


■ 37.7609, 18.8491,
33.2477


■ 51.6064, 39.5674,
59.3588


■ 37.5758, 18.6898,
32.5360


■ 56.1694, 47.3132,
65.1348

■ 61.4974, 56.5244,
71.3652

 67.6268, 67.2729,
78.0645

 74.5915, 79.6255,
85.2466

 82.4232, 93.6452,
92.9247

 83.6177, 94.3226,
98.5998

Harmonies

Analogous

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



35.4837, 24.3103, 79.2257



42.0970, 24.3103, 44.5931



42.9634, 24.3103, 18.5197

Triad

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



42.0970, 24.3103, 44.5931



20.1316, 24.3103, 2.0437



12.9060, 24.3103, 70.2164

Complementary

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



42.0970, 24.3103, 44.5931



33.7309, 57.7607, 27.7862

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.



10.5622, 24.3103, 36.4208



42.0970, 24.3103, 44.5931



14.0047, 24.3103, 4.6203

Square

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



42.0970, 24.3103, 44.5931



28.7813, 24.3103, 2.3581



10.9082, 24.3103, 14.0730



18.2309, 24.3103, 99.2164

Rectangle

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



42.0970, 24.3103, 44.5931



39.9742, 24.3103, 9.0071



10.9082, 24.3103, 14.0730



11.8097, 24.3103, 58.4036

Sweetspot

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



42.0978, 24.3115, 44.5935



78.3792, 70.6643, 90.9933



24.2422, 14.4332, 74.1817



16.3485, 14.3838, 18.9805



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.



42.0978, 24.3115, 44.5935



51.5308, 27.0970, 50.8157



36.4226, 22.0415, 14.7084



14.7897, 14.5331, 17.0931



21.9694, 10.9220, 19.2658



1.6652, 0.8238, 1.6437

Inverse Universe

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



42.0978, 24.3115, 44.5935



51.5308, 27.0970, 50.8157



40.4995, 60.4681, 63.4291



14.7897, 14.5331, 17.0931



21.9694, 10.9220, 19.2658



1.6652, 0.8238, 1.6437

Previews

White Background



This preview shows how the XYZ color 42.0970, 24.3103, 44.5931 looks on a white background.

Color Contrast Check

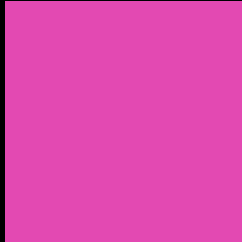
Large Text (above 18pt) WCAG AA ✓ Pass

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 42.0970, 24.3103, 44.5931 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

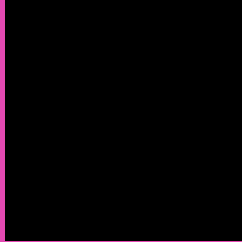
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 42.0970, 24.3103, 44.5931

Background



This preview shows how black text looks on a background with the XYZ color 42.0970, 24.3103, 44.5931.



This preview shows how white text looks on a background with the XYZ color 42.0970, 24.3103,

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

42.0970, 24.3103, 44.5931

Protanopia

27.0151, 24.8080, 74.5987

Deuteranopia

25.0647, 24.5452, 40.9528



Tritanopia

35.8669, 24.1606, 15.0850

Trichromacy



Original Color

42.0970, 24.3103, 44.5931



Protanomaly

28.7467, 21.9427, 62.3948



Deuteranomaly

29.0672, 22.5629, 41.8528



Tritanomaly

37.7217, 23.9285, 23.3994

Monochromacy



Original Color

42.0970, 24.3103, 44.5931



Achromatopsia

21.5731, 22.6966, 24.7166



Achromatomaly

26.6471, 21.3970, 30.7425

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.0970, 24.3103, 44.5931 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(227, 73, 178)` looks like.

```
.text, #text, p{  
    color:rgb(227, 73, 178)  
}
```

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(227, 73, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 73, 178) }
```

Border

The CSS property to change the border of an element to XYZ 42.0970, 24.3103, 44.5931 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(227, 73, 178) }
```


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

```
.border{ border-color:rgb(227, 73, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 73, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 73, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 73, 178);  
box-shadow:4px 4px 4px 4px rgb(227, 73,  
178) }
```

Background

The CSS property to change the background color of an element to XYZ 42.0970, 24.3103, 44.5931 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 73, 178) }
```

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

```
.background{ background-color: rgb(227, 73,  
178) }
```

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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