

Converting Colors

XYZ(40.2814, 24.2480, 33.0325)

Have a look what the booklet for
XYZ(40.2814, 24.2480, 33.0325)
contains.

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Color

**XYZ(40.3073, 24.2560,
33.1293)**

Conversions

Conversions Part 1

Format	Color
Hex	E34F9A
RGB	227, 79, 154
RGB Percent	89%, 31%, 60%
CMY	0.1098, 0.6902, 0.3961
CMYK	0.00, 0.65, 0.32, 0.11
HSL	330°, 73%, 60%
HSV	330°, 65%, 89%
XYZ	40.3073, 24.2560, 33.1293
YIQ	131.8020, 64.1330, 54.7010

Conversions

Conversions Part 2

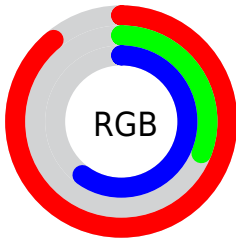
Format	Color
R _Y B	227, 79, 154
Decimal	14897050
CIE Lab	56.34, 63.83, -9.79
CIE LCh	56, 64.574, 351.281
Yxy	24.2560, 0.4126, 0.2483
Android (android.graphics.Color)	4293087130 (0xFFE34F9A)
YUV	131.8020, 10.9436, 83.4886
Hunter-Lab	49.2504, 59.8991, -5.4074

Details

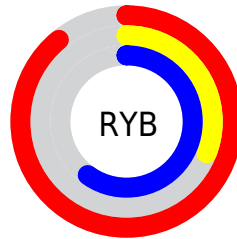
The XYZ color **40.3073, 24.2560, 33.1293** is a light color, and the websafe version is hex **CC3399**. The color can be described as light muted rose. A complement of this color would be **36.3625, 58.8682, 39.1556**, and the grayscale version is **21.8078, 22.9435, 24.9855**.

A 20% lighter version of the original color is **61.4293, 43.4224, 64.8182**, and **18.3845, 9.1948, 13.6378** is the 20% darker color. If you saturate the color by 10%, you get **38.0508, 21.1665, 27.9886**, and if you desaturate by 10%, it is **43.2110, 28.5004, 38.9154**.

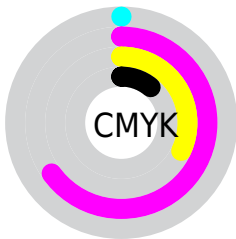
Distribution



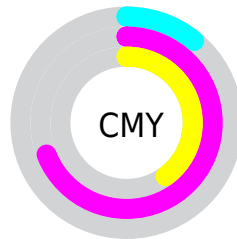
- Red (89%)
- Green (31%)
- Blue (60%)



- Red (89%)
- Yellow (31%)
- Blue (60%)



- Cyan (0%)
- Magenta (65%)
- Yellow (32%)
- Black (11%)





- Cyan (11%)
- Magenta (69%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 40.3073, 24.2560, 33.1293 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 40.3073, 24.2560, 33.1293 by changing the saturation by 10% instead.

 40.3073, 24.2560,
33.1293


 40.3073, 24.2560,
33.1293

338.5293,
274.1122, 330.8818

 27.9635, 15.5236,
21.9536


 74.9126, 50.4476,
65.6957


 18.4385, 9.1877,
13.6248


 97.9048, 68.6757,
87.9234

 11.3668, 4.8638,
7.7244


 125.1772, 90.8378,
114.6723

 6.3832, 2.1676,
3.8339

 157.0951,
117.3182, 146.3608

 3.1223, 0.7022,
1.5347

194.0240,
148.5015, 183.4074

 1.2188, 0.0000,
0.2436

236.3290,

 0.1211, 0.0000,

184.7720, 226.2308

0.0000

284.3757,
226.5141, 275.2494

■ 0.0000, 0.0000,
0.0000

■ 40.3073, 24.2560,
33.1293

■ 40.3073, 24.2560,
33.1293

■ 38.0508, 21.1665,
27.9886

■ 43.2110, 28.5004,
38.9154

■ 36.3775, 19.1079,
23.4596

■ 46.8132, 33.9992,
45.3747

■ 35.2123, 17.9342,
19.5054

■ 51.1625, 40.8455,
52.5342

■ 34.7747, 17.5694,
17.7865

■ 56.3019, 49.1225,
60.4189

■ 62.2714, 58.9066,
69.0521

69.1080, 70.2686,
78.4560

76.8463, 83.2749,
88.6515

83.7038, 94.3570,
99.0538

85.4525, 95.0565,
108.2624

Harmonies

Analogous

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



36.1323, 24.2560, 61.2734



40.3073, 24.2560, 33.1293



39.1415, 24.2560, 14.1452

Triad

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



40.3073, 24.2560, 33.1293



18.2372, 24.2560, 3.6622



15.2061, 24.2560, 73.0827

Complementary

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



40.3073, 24.2560, 33.1293



36.3625, 58.8682, 39.1556

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.



12.1182, 24.2560, 44.2709



40.3073, 24.2560, 33.1293



13.5880, 24.2560, 8.1650

Square

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



40.3073, 24.2560, 33.1293



25.2946, 24.2560, 3.0745



11.5976, 24.2560, 20.6680



20.9509, 24.2560, 91.2427

Rectangle

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



40.3073, 24.2560, 33.1293



35.5797, 24.2560, 7.5392



11.5976, 24.2560, 20.6680



13.8795, 24.2560, 63.7690

Sweetspot

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



40.3080, 24.2573, 33.1297



77.0938, 70.1501, 84.2246



29.3387, 17.6745, 74.5384



16.0398, 14.2603, 17.3551



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.



40.3080, 24.2573, 33.1297



48.7353, 26.5286, 34.4004



35.9783, 22.5254, 10.3299



14.6802, 14.4893, 16.5163



20.3398, 10.2701, 10.6842



1.5499, 0.7777, 1.0365

Inverse Universe

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



40.3080, 24.2573, 33.1297



48.7353, 26.5286, 34.4004



44.2214, 62.0117, 80.5398



14.6802, 14.4893, 16.5163



20.3398, 10.2701, 10.6842



1.5499, 0.7777, 1.0365

Previews

White Background



This preview shows how the XYZ color 40.3073, 24.2560, 33.1293 looks on a white background.

Color Contrast Check

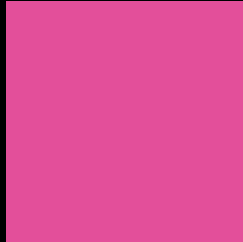
Large Text (above 18pt) WCAG AA ✓ Pass

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 40.3073, 24.2560, 33.1293 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

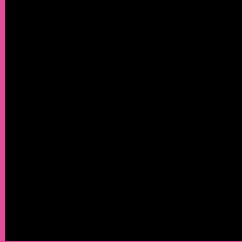
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 40.3073, 24.2560, 33.1293

Background



This preview shows how black text looks on a background with the XYZ color 40.3073, 24.2560, 33.1293.



This preview shows how white text looks on a background with the XYZ color 40.3073, 24.2560,

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

40.3073, 24.2560, 33.1293

Protanopia

25.4003, 24.6633, 52.7120

Deuteranopia

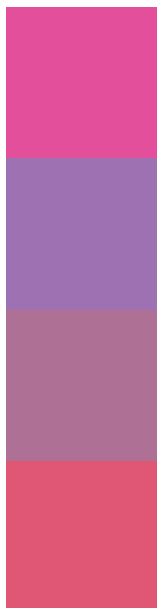
24.9412, 24.5071, 30.6099



Tritanopia

36.4632, 24.2241, 14.3092

Trichromacy



Original Color

40.3073, 24.2560, 33.1293

Protanomaly

28.1537, 22.5181, 44.9820

Deuteranomaly

28.7855, 22.9789, 31.3520

Tritanomaly

37.4187, 23.9717, 19.7944

Monochromacy



Original Color

40.3073, 24.2560, 33.1293

Achromatopsia

21.9318, 23.0740, 25.1276

Achromatomaly

26.5751, 21.9192, 27.6411

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.3073, 24.2560, 33.1293 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, 79, 154)` looks like.

```
.text, #text, p{  
    color:rgb(227, 79, 154)  
}
```

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, 79, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 79, 154) }
```

Border

The CSS property to change the border of an element to XYZ 40.3073, 24.2560, 33.1293 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, 79, 154) }
```


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

```
.border{ border-color:rgb(227, 79, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 79, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 79, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 79, 154);  
box-shadow:4px 4px 4px 4px rgb(227, 79,  
154) }
```

Background

The CSS property to change the background color of an element to XYZ 40.3073, 24.2560, 33.1293 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 79, 154) }
```

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

```
.background{ background-color: rgb(227, 79,  
154) }
```

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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