

Converting Colors

XYZ(40.3173, 22.6945, 41.0405)

Have a look what the booklet for
XYZ(40.3173, 22.6945, 41.0405)
contains.

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Color

**XYZ(40.3880, 22.7667,
41.2955)**

Conversions

Conversions Part 1

Format	Color
Hex	E141AC
RGB	225, 65, 172
RGB Percent	88%, 25%, 67%
CMY	0.1176, 0.7451, 0.3255
CMYK	0.00, 0.71, 0.24, 0.12
HSL	320°, 73%, 57%
HSV	320°, 71%, 88%
XYZ	40.3880, 22.7667, 41.2955
YIQ	125.0380, 61.0130, 67.1970

Conversions

Conversions Part 2

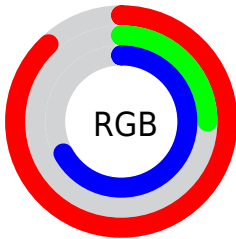
Format	Color
R _Y B	225, 65, 172
Decimal	14762412
CIE Lab	54.83, 70.60, -22.65
CIE LCh	55, 74.139, 342.214
Yxy	22.7667, 0.3867, 0.2180
Android (android.graphics.Color)	4292952492 (0xFFE141AC)
YUV	125.0380, 23.1523, 87.6667
Hunter-Lab	47.7145, 67.5914, -17.9137

Details

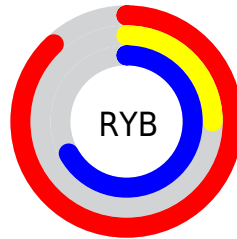
The XYZ color **40.3880, 22.7667, 41.2955** is a light color, and the websafe version is hex **CC3399**. The color can be described as light muted rose. A complement of this color would be **32.3765, 56.2830, 26.2997**, and the grayscale version is **19.4174, 20.4286, 22.2467**.

A 20% lighter version of the original color is **62.5772, 41.5287, 78.1164**, and **18.8468, 9.3312, 18.2605** is the 20% darker color. If you saturate the color by 10%, you get **38.6479, 20.4000, 37.2821**, and if you desaturate by 10%, it is **42.6837, 26.1799, 45.6925**.

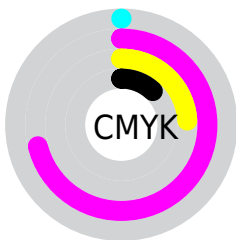
Distribution



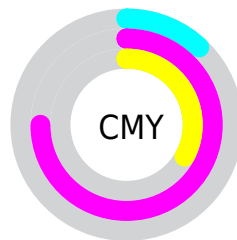
- Red (88%)
- Green (25%)
- Blue (67%)



- Red (88%)
- Yellow (25%)
- Blue (67%)



- Cyan (0%)
- Magenta (71%)
- Yellow (24%)
- Black (12%)





- Cyan (12%)
- Magenta (75%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 40.3880, 22.7667, 41.2955 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 40.3880, 22.7667, 41.2955 by changing the saturation by 10% instead.

 40.3880, 22.7667,
41.2955


 40.3880, 22.7667,
41.2955


338.8627,
266.5244, 367.2673

 28.0267, 14.4213,
28.2286


 75.0346, 48.0100,
78.3908


 18.4864, 8.4143,
18.2575


 98.0506, 65.6767,
103.2563


 11.4015, 4.3612,
10.9637


 125.3489, 87.2192,
132.8918

 6.4069, 1.8776,
5.9286

 157.2949,
113.0221, 167.7157

 3.1370, 0.5348,
2.7336

 194.2540,
143.4697, 208.1467

 1.2266, 0.0000,
0.9603

236.5914,

 0.1272, 0.0000,

178.9463, 254.6033

0.0000

284.6725,
219.8365, 307.5040

■ 0.0000, 0.0000,
0.0000

■ 40.3880, 22.7667,
41.2955

■ 40.3880, 22.7667,
41.2955

■ 38.6479, 20.4000,
37.2821

■ 42.6837, 26.1799,
45.6925

■ 37.3955, 18.9458,
33.6261

■ 45.5882, 30.7454,
50.4936

■ 36.5940, 18.2246,
30.6398

■ 49.1502, 36.5600,
55.7181

■ 53.4131, 43.7090,
61.3836

■ 58.4163, 52.2704,
67.5062

64.1962, 62.3160,
74.1007

70.7867, 73.9127,
81.1814

78.2196, 87.1235,
88.7617

82.4036, 93.7645,
95.4804

Harmonies

Analogous

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



34.0531, 22.7667, 75.5150



40.3880, 22.7667, 41.2955



40.9923, 22.7667, 16.4120

Triad

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



40.3880, 22.7667, 41.2955



18.4724, 22.7667, 1.6671



11.9375, 22.7667, 69.1790

Complementary

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



40.3880, 22.7667, 41.2955



32.3765, 56.2830, 26.2997

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.



9.5992, 22.7667, 35.6196



40.3880, 22.7667, 41.2955



12.6814, 22.7667, 4.1326

Square

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



40.3880, 22.7667, 41.2955



26.8205, 22.7667, 1.8621



9.8318, 22.7667, 13.3975



17.1720, 22.7667, 97.4172

Rectangle

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



40.3880, 22.7667, 41.2955



37.9043, 22.7667, 7.6705



9.8318, 22.7667, 13.3975



10.8542, 22.7667, 57.4849

Sweetspot

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



40.3887, 22.7679, 41.2959



77.5559, 69.3731, 89.6232



22.6406, 12.9086, 72.5327



16.1832, 14.1310, 18.6860



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.



40.3887, 22.7679, 41.2959



50.5090, 26.0894, 47.2814



34.9780, 20.6036, 12.8035



14.0919, 13.8544, 16.2540



21.1432, 10.5243, 17.9519



1.5064, 0.7458, 1.4597

Inverse Universe

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



40.3887, 22.7679, 41.2959



50.5090, 26.0894, 47.2814



39.0320, 58.9452, 61.3474



14.0919, 13.8544, 16.2540



21.1432, 10.5243, 17.9519



1.5064, 0.7458, 1.4597

Previews

White Background



This preview shows how the XYZ color 40.3880, 22.7667, 41.2955 looks on a white background.

Color Contrast Check

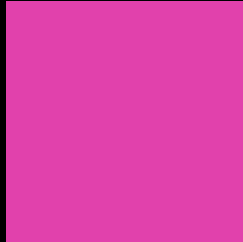
Large Text (above 18pt) WCAG AA ✓ Pass

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 40.3880, 22.7667, 41.2955 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

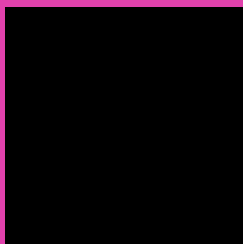
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 40.3880, 22.7667, 41.2955

Background



This preview shows how black text looks on a background with the XYZ color 40.3880, 22.7667, 41.2955.



This preview shows how white text looks on a background with the XYZ color 40.3880, 22.7667,

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

40.3880, 22.7667, 41.2955

Protanopia

25.4156, 23.2481, 71.5544

Deuteranopia

23.5144, 23.0120, 37.8527



Tritanopia

34.4235, 22.6930, 13.1555

Trichromacy



Original Color

40.3880, 22.7667, 41.2955

Protanomaly

26.9180, 20.2826, 58.9961

Deuteranomaly

27.3468, 20.9538, 38.6795

Tritanomaly

36.2003, 22.5146, 20.8501

Monochromacy



Original Color

40.3880, 22.7667, 41.2955

Achromatopsia

19.4927, 20.5079, 22.3331

Achromatomaly

24.4307, 19.2306, 28.0154

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.3880, 22.7667, 41.2955 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, 65, 172)` looks like.

```
.text, #text, p{  
    color:rgb(225, 65, 172)  
}
```

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, 65, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 65, 172) }
```

Border

The CSS property to change the border of an element to XYZ 40.3880, 22.7667, 41.2955 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, 65, 172) }
```


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

```
.border{ border-color:rgb(225, 65, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 65, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 65, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 65, 172);  
box-shadow:4px 4px 4px 4px rgb(225, 65,  
172) }
```

Background

The CSS property to change the background color of an element to XYZ 40.3880, 22.7667, 41.2955 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 65, 172) }
```

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

```
.background{ background-color: rgb(225, 65,  
172) }
```

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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