

Converting Colors

XYZ(44.1077, 28.8759, 46.0475)

Have a look what the booklet for
XYZ(44.1077, 28.8759, 46.0475)
contains.

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Color

**XYZ(43.9394, 28.7650,
45.8842)**

Conversions

Conversions Part 1

Format	Color
Hex	E166B3
RGB	225, 102, 179
RGB Percent	88%, 40%, 70%
CMY	0.1176, 0.6000, 0.2980
CMYK	0.00, 0.55, 0.20, 0.12
HSL	322°, 67%, 64%
HSV	322°, 55%, 88%
XYZ	43.9394, 28.7650, 45.8842
YIQ	147.5550, 48.5910, 50.0230

Conversions

Conversions Part 2

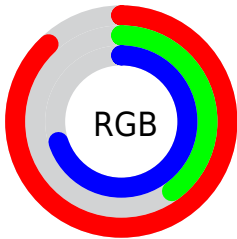
Format	Color
R _Y B	225, 102, 179
Decimal	14771891
CIE Lab	60.57, 56.55, -17.92
CIE LCh	61, 59.325, 342.417
Yxy	28.7650, 0.3705, 0.2426
Android (android.graphics.Color)	4292961971 (0xFFE166B3)
YUV	147.5550, 15.5024, 67.9193
Hunter-Lab	53.6330, 52.3802, -13.1808

Details

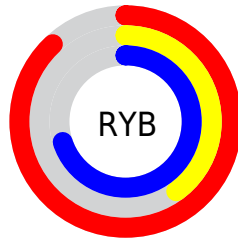
The XYZ color **43.9394, 28.7650, 45.8842** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **37.7514, 58.8142, 37.3823**, and the grayscale version is **27.8877, 29.3401, 31.9513**.

A 20% lighter version of the original color is **68.2924, 51.3721, 84.9137**, and **20.6406, 11.5986, 20.8895** is the 20% darker color. If you saturate the color by 10%, you get **41.1954, 24.5975, 40.8979**, and if you desaturate by 10%, it is **47.3371, 34.1560, 51.3452**.

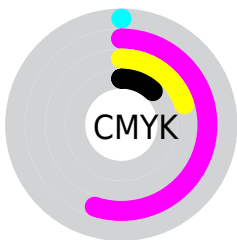
Distribution



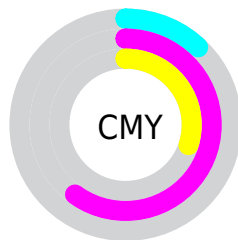
- Red (88%)
- Green (40%)
- Blue (70%)



- Red (88%)
- Yellow (40%)
- Blue (70%)



- Cyan (0%)
- Magenta (55%)
- Yellow (20%)
- Black (12%)





- Cyan (12%)
- Magenta (60%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.9394, 28.7650, 45.8842 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 43.9394, 28.7650, 45.8842 by changing the saturation by 10% instead.


 43.9394, 28.7650,
45.8842

 43.9394, 28.7650,
45.8842

353.3173,
296.1045, 386.6069


 30.8206, 18.9031,
31.8064


 80.3735, 57.7035,
85.3781


 20.6134, 11.6003,
20.9501


 104.4194, 77.5489,
111.6314

 12.9526, 6.4721,
12.8966


 132.8384,
101.4910, 142.7802

 7.4727, 3.1342,
7.2275

 165.9959,
129.9141, 179.2432

 3.8084, 1.2022,
3.5242

204.2572,
163.2026, 221.4388

 1.5943, 0.0635,
1.3681

247.9876,

 0.3887, 0.0000,

201.7409, 269.7856

0.1167

297.5525,
245.9134, 324.7021

■ 0.0000, 0.0000,
0.0000

■ 43.9394, 28.7650,
45.8842

■ 43.9394, 28.7650,
45.8842

■ 41.1954, 24.5975,
40.8979

■ 47.3371, 34.1560,
51.3452

■ 39.0517, 21.5493,
36.3631

■ 51.4308, 40.8550,
57.2987

■ 37.4505, 19.5058,
32.2563

■ 56.2626, 48.9440,
63.7632

■ 36.3202, 18.3256,
28.5488

■ 61.8699, 58.4969,
70.7555

■ 35.8481, 17.9263,
26.7115

■ 68.2879, 69.5823,
78.2912

■ 75.5493, 82.2647,
86.3855

■ 82.2303, 93.6952,
94.5675

■ 83.4954, 94.2012,
101.2294

■ 84.8190, 94.7306,
108.1996

Harmonies

Analogous

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



38.5387, 28.7650, 73.9735



43.9394, 28.7650, 45.8842



44.4129, 28.7650, 23.0905

Triad

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



43.9394, 28.7650, 45.8842



24.2912, 28.7650, 5.5347



17.8370, 28.7650, 69.3032

Complementary

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



43.9394, 28.7650, 45.8842



37.7514, 58.8142, 37.3823

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.



15.3221, 28.7650, 41.3043



43.9394, 28.7650, 45.8842



18.5531, 28.7650, 9.3470

Square

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



43.9394, 28.7650, 45.8842



32.0399, 28.7650, 5.8506



15.5571, 28.7650, 20.2188



23.1242, 28.7650, 91.2711

Rectangle

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



43.9394, 28.7650, 45.8842



41.7691, 28.7650, 13.7008



15.5571, 28.7650, 20.2188



16.6880, 28.7650, 59.8440

Sweetspot

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



43.9403, 28.7664, 45.8848



81.0269, 75.7303, 92.5831



30.3941, 21.1531, 73.7155



17.0009, 15.6243, 19.3966



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.



43.9403, 28.7664, 45.8848



54.1445, 31.8361, 53.1927



39.0977, 26.8294, 20.3842



14.0663, 13.8441, 16.1192



20.7155, 10.3532, 15.6997



1.4788, 0.7348, 1.3144

Inverse Universe

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



43.9403, 28.7664, 45.8848



54.1445, 31.8361, 53.1927



43.8649, 61.2596, 69.5755



14.0663, 13.8441, 16.1192



20.7155, 10.3532, 15.6997



1.4788, 0.7348, 1.3144

Previews

White Background



This preview shows how the XYZ color 43.9394, 28.7650, 45.8842 looks on a white background.

Color Contrast Check

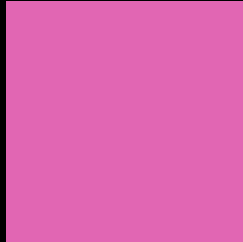
Large Text (above 18pt) WCAG AA ✓ Pass

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 43.9394, 28.7650, 45.8842 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

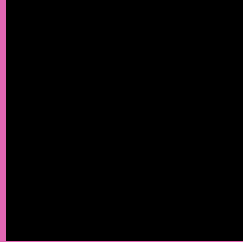
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 43.9394, 28.7650, 45.8842

Background



This preview shows how black text looks on a background with the XYZ color 43.9394, 28.7650, 45.8842.



This preview shows how white text looks on a background with the XYZ color 43.9394, 28.7650,

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

43.9394, 28.7650, 45.8842

Protanopia

30.2103, 29.0353, 64.9849

Deuteranopia

29.4816, 28.9194, 43.0579



Tritanopia

39.2211, 28.9072, 22.2514

Trichromacy



Original Color

43.9394, 28.7650, 45.8842



Protanomaly

33.0594, 27.5054, 57.5995



Deuteranomaly

33.3615, 27.7636, 44.1580



Tritanomaly

40.6581, 28.6646, 29.3765

Monochromacy



Original Color

43.9394, 28.7650, 45.8842



Achromatopsia

28.1479, 29.6138, 32.2495



Achromatomaly

32.2788, 27.9659, 36.4976

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.9394, 28.7650, 45.8842 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, 102, 179)` looks like.

```
.text, #text, p{  
    color:rgb(225, 102, 179)  
}
```

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, 102, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 102, 179) }
```

Border

The CSS property to change the border of an element to XYZ 43.9394, 28.7650, 45.8842 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, 102, 179) }
```


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

```
.border{ border-color:rgb(225, 102, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 102, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(225, 102, 179); -webkit-box-shadow:4px 4px 4px 4px rgb(225, 102, 179); box-shadow:4px 4px 4px 4px rgb(225, 102, 179) }
```

Background

The CSS property to change the background color of an element to XYZ 43.9394, 28.7650, 45.8842 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 102, 179) }
```

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

```
.background{ background-color: rgb(225,  
102, 179) }
```

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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