

Converting Colors

XYZ(43.3709, 33.9383, 43.8000)

Have a look what the booklet for
XYZ(43.3709, 33.9383, 43.8000)
contains.

XYZ(43.3709, 33.9383, 43.8000)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(43.3709, 33.9383,
43.8000)**

Conversions

Conversions Part 1

Format	Color
Hex	D585AD
RGB	213, 133, 173
RGB Percent	84%, 52%, 68%
CMY	0.1647, 0.4784, 0.3216
CMYK	0.00, 0.38, 0.19, 0.16
HSL	330°, 49%, 68%
HSV	330°, 38%, 84%
XYZ	43.3709, 33.9383, 43.8000
YIQ	161.4800, 34.8400, 29.4000

Conversions

Conversions Part 2

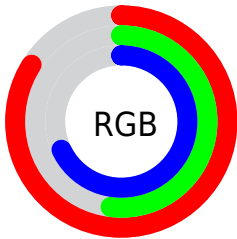
Format	Color
R _Y B	213, 133, 173
Decimal	13993389
CIE Lab	64.91, 36.17, -8.13
CIE LCh	65, 37.075, 347.328
Yxy	33.9383, 0.3581, 0.2802
Android (android.graphics.Color)	4292183469 (0xFFD585AD)
YUV	161.4800, 5.6794, 45.1830
Hunter-Lab	58.2566, 30.9408, -3.7974

Details

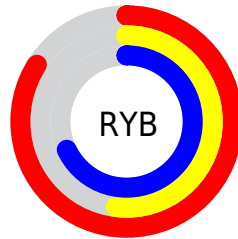
The XYZ color **43.3709, 33.9383, 43.8000** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **41.0114, 55.5931, 48.1067**, and the grayscale version is **34.0635, 35.8375, 39.0270**.

A 20% lighter version of the original color is **73.0139, 62.4021, 81.5953**, and **20.3731, 14.5832, 19.8302** is the 20% darker color. If you saturate the color by 10%, you get **39.7552, 28.2907, 37.7112**, and if you desaturate by 10%, it is **47.6620, 40.8044, 50.5200**.

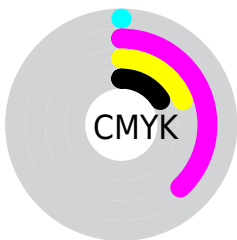
Distribution



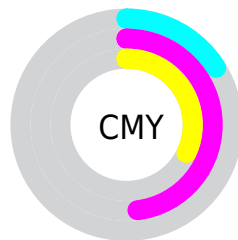
- Red (84%)
- Green (52%)
- Blue (68%)



- Red (84%)
- Yellow (52%)
- Blue (68%)



- Cyan (0%)
- Magenta (38%)
- Yellow (19%)
- Black (16%)





- Cyan (16%)
- Magenta (48%)
- Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.3709, 33.9383, 43.8000 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 43.3709, 33.9383, 43.8000 by changing the saturation by 10% instead.


 43.3709, 33.9383,
43.8000

 43.3709, 33.9383,
43.8000


351.0306,
319.8568, 377.9089


 30.3720, 22.8462,
30.1773


 79.5225, 65.8377,
82.2160

 20.2706, 14.4800,
19.7200


 103.4059, 87.4138,
107.8463

 12.7013, 8.4553,
12.0096


 131.6482,
113.2534, 138.3162

 7.2988, 4.3876,
6.6276

164.6148,
143.7408, 174.0443

 3.6976, 1.8927,
3.1554

202.6709,
179.2604, 215.4491

 1.5325, 0.5440,
1.1745

246.1821,

 0.3478, 0.0000,

220.1967, 262.9491

0.0000

295.5135,
266.9341, 316.9629

■ 0.0000, 0.0000,
0.0000

■ 43.3709, 33.9383,
43.8000

■ 43.3709, 33.9383,
43.8000

■ 39.7552, 28.2907,
37.7112

■ 47.6620, 40.8044,
50.5200

■ 36.7741, 23.7843,
32.2296

■ 52.6604, 48.9510,
57.8899

■ 34.3867, 20.3400,
27.3321

■ 58.3992, 58.4413,
65.9299

■ 32.5458, 17.8666,
22.9928

■ 64.9089, 69.3331,
74.6586

■ 31.1963, 16.2575,
19.1830

■ 72.2178, 81.6806,
84.0939

■ 30.2628, 15.3654,
15.8663

■ 78.4728, 91.7750,
93.6259

■ 30.0681, 15.1971,
15.1195

■ 80.0750, 92.4159,
102.0630

■ 81.2507, 92.8862,
108.2542

Harmonies

Analogous

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



40.4276, 33.9383, 60.7352



43.3709, 33.9383, 43.8000



43.1079, 33.9383, 28.8542

Triad

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



43.3709, 33.9383, 43.8000



29.2893, 33.9383, 15.3602



25.7750, 33.9383, 63.1232

Complementary

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



43.3709, 33.9383, 43.8000



41.0114, 55.5931, 48.1067

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.



23.3999, 33.9383, 46.4410



43.3709, 33.9383, 43.8000



25.2694, 33.9383, 20.3650

Square

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



43.3709, 33.9383, 43.8000



34.5670, 33.9383, 15.0177



23.2257, 33.9383, 30.8596



30.0529, 33.9383, 73.7943

Rectangle

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



43.3709, 33.9383, 43.8000



41.1484, 33.9383, 21.8123



23.2257, 33.9383, 30.8596



24.7492, 33.9383, 57.8517

Sweetspot

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



43.3719, 33.9399, 43.8007



84.5687, 82.5202, 94.6697



37.6328, 30.4652, 66.8481



17.8458, 17.2400, 19.9067



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.



43.3719, 33.9399, 43.8007



60.8041, 44.1491, 58.5147



40.0630, 32.6163, 26.3763



12.6796, 12.5233, 14.2531



18.4184, 9.3037, 9.5072



1.1527, 0.5779, 0.7935

Inverse Universe

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



43.3719, 33.9399, 43.8007



60.8041, 44.1491, 58.5147



45.4784, 57.3799, 71.6296



12.6796, 12.5233, 14.2531



18.4184, 9.3037, 9.5072



1.1527, 0.5779, 0.7935

Previews

White Background



This preview shows how the XYZ color 43.3709, 33.9383, 43.8000 looks on a white background.

Color Contrast Check

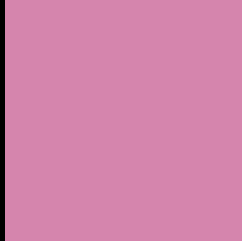
Large Text (above 18pt) WCAG AA × Fail

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 43.3709, 33.9383, 43.8000 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

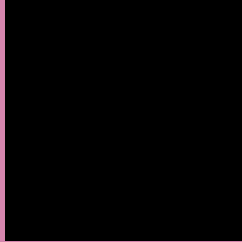
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 43.3709, 33.9383, 43.8000

Background



This preview shows how black text looks on a background with the XYZ color 43.3709, 33.9383, 43.8000.



This preview shows how white text looks on a background with the XYZ color 43.3709, 33.9383,

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

43.3709, 33.9383, 43.8000

Protanopia

33.8966, 34.3241, 52.4156

Deuteranopia

34.7011, 33.9719, 42.2644



Tritanopia

41.0121, 34.0167, 32.4213

Trichromacy



Original Color

43.3709, 33.9383, 43.8000

Protanomaly

36.5927, 33.5974, 49.3560

Deuteranomaly

37.3017, 33.6504, 42.5594

Tritanomaly

41.7539, 33.8915, 36.2393

Monochromacy



Original Color

43.3709, 33.9383, 43.8000

Achromatopsia

33.8758, 35.6400, 38.8120

Achromatomaly

36.6805, 34.5531, 40.3335

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.3709, 33.9383, 43.8000 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(213, 133, 173)` looks like.

```
.text, #text, p{  
    color:rgb(213, 133, 173)  
}
```

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(213, 133, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 133, 173) }
```

Border

The CSS property to change the border of an element to XYZ 43.3709, 33.9383, 43.8000 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(213, 133, 173) }
```


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

```
.border{ border-color:rgb(213, 133, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 133, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 133, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 133, 173);  
box-shadow:4px 4px 4px 4px rgb(213, 133,  
173) }
```

Background

The CSS property to change the background color of an element to XYZ 43.3709, 33.9383, 43.8000 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 133, 173) }
```

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

```
.background{ background-color: rgb(213,  
133, 173) }
```

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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