

Converting Colors

XYZ(52.4107, 44.8897, 76.7699)

Have a look what the booklet for
XYZ(52.4107, 44.8897, 76.7699)
contains.

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Color

**XYZ(52.2839, 44.8416,
76.4206)**

Conversions

Conversions Part 1

Format	Color
Hex	CFA3E0
RGB	207, 163, 224
RGB Percent	81%, 64%, 88%
CMY	0.1882, 0.3608, 0.1216
CMYK	0.08, 0.27, 0.00, 0.12
HSL	283°, 50%, 76%
HSV	283°, 27%, 88%
XYZ	52.2839, 44.8416, 76.4206
YIQ	183.1100, 6.6430, 28.2990

Conversions

Conversions Part 2

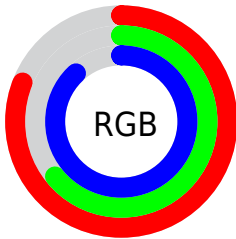
Format	Color
R _Y B	207, 163, 224
Decimal	13607904
CIE Lab	72.79, 26.98, -24.66
CIE LCh	73, 36.547, 317.574
Yxy	44.8416, 0.3013, 0.2584
Android (android.graphics.Color)	4291797984 (0xFFCFA3E0)
YUV	183.1100, 20.1588, 20.9515
Hunter-Lab	66.9639, 22.1821, -20.7883

Details

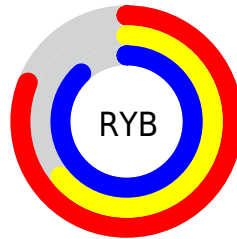
The XYZ color **52.2839, 44.8416, 76.4206** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **52.0903, 65.6600, 44.5806**, and the grayscale version is **44.9617, 47.3032, 51.5131**.

A 20% lighter version of the original color is **84.3614, 78.6228, 105.3371**, and **25.7948, 20.9089, 40.2124** is the 20% darker color. If you saturate the color by 10%, you get **46.9441, 36.6993, 75.1311**, and if you desaturate by 10%, it is **58.4000, 54.4320, 77.9501**.

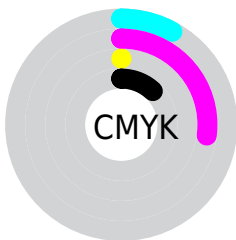
Distribution



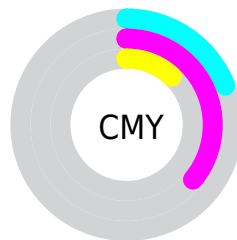
- Red (81%)
- Green (64%)
- Blue (88%)



- Red (81%)
- Yellow (64%)
- Blue (88%)



- Cyan (8%)
- Magenta (27%)
- Yellow (0%)
- Black (12%)



- Cyan (19%)
- Magenta (36%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.2839, 44.8416, 76.4206 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 52.2839, 44.8416, 76.4206 by changing the saturation by 10% instead.

52.2839, 44.8416,
76.4206

52.2839, 44.8416,
76.4206

385.8376,
366.1317, 502.1714

37.4566, 31.3327,
56.2687

92.7215, 82.4827,
130.0868

25.7365, 20.8523,
40.0130

119.0626,
107.3836, 164.4382

16.7583, 13.0161,
27.2348

149.9723,
136.8507, 204.3599

10.1565, 7.4396,
17.5157

185.8160,
171.2682, 250.2704

5.5659, 3.7385,
10.4370

226.9590,
211.0207, 302.5883

2.6211, 1.5284,
5.5803

273.7667,

0.9567, 0.3086,

256.4925, 361.7320

2.5270

326.6045,
308.0680, 428.1202

■ 0.0000, 0.0000,
0.8544

■ 0.0000, 0.0000,
0.0000

■ 52.2839, 44.8416,
76.4206

■ 52.2839, 44.8416,
76.4206

■ 46.9441, 36.6993,
75.1311

■ 58.4000, 54.4320,
77.9501

■ 42.3382, 29.9247,
74.0662

■ 65.3232, 65.5341,
79.7281

■ 38.4263, 24.4381,
73.2134

■ 73.0879, 78.2146,
81.7664

■ 35.1627, 20.1492,
72.5575

■ 81.7251, 92.5343,
84.0752

■ 32.4955, 16.9554,
72.0817

■ 84.5468, 95.1163,
84.4248

■ 30.3640, 14.7369,
71.7658

■ 86.6819, 96.2169,
84.5248

■ 28.6885, 13.3352,
71.5835

■ 88.8904, 97.3555,
84.6281

■ 28.2687, 13.0188,
71.5446

■ 90.4547, 98.1619,
84.7013

Harmonies

Analogous

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



46.4146, 44.8416, 90.3256



52.2839, 44.8416, 76.4206



55.6916, 44.8416, 56.7429

Triad

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



52.2839, 44.8416, 76.4206



45.3024, 44.8416, 22.0178



32.0077, 44.8416, 60.1628

Complementary

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



52.2839, 44.8416, 76.4206



52.0903, 65.6600, 44.5806

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.



31.7738, 44.8416, 41.6800



52.2839, 44.8416, 76.4206



39.0392, 44.8416, 22.4993

Square

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



52.2839, 44.8416, 76.4206



51.4003, 44.8416, 27.2939



34.2280, 44.8416, 28.8288



34.9023, 44.8416, 79.4536

Rectangle

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



52.2839, 44.8416, 76.4206



55.9064, 44.8416, 44.3593



34.2280, 44.8416, 28.8288



31.6264, 44.8416, 53.5805

Sweetspot

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



52.2853, 44.8435, 76.4216



86.8232, 86.6055, 106.7482



44.9390, 45.9273, 77.0180



18.2702, 18.0310, 22.7673



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.



52.2853, 44.8435, 76.4216



65.7169, 53.3695, 101.4454



55.5697, 46.7358, 67.5789



13.9032, 13.7336, 17.3058



16.5713, 7.6381, 41.6493



1.2342, 0.5735, 2.8909

Inverse Universe

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



52.0773, 45.3388, 49.1883



65.5461, 54.2378, 58.2309



49.6194, 64.2421, 50.9734



13.8634, 13.7630, 15.0510



18.4483, 9.4463, 3.7606



1.3162, 0.6697, 0.4579

Previews

White Background



This preview shows how the XYZ color 52.2839, 44.8416, 76.4206 looks on a white background.

Color Contrast Check

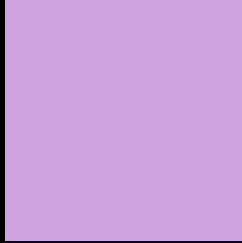
Large Text (above 18pt) WCAG AA × Fail

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 52.2839, 44.8416, 76.4206 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

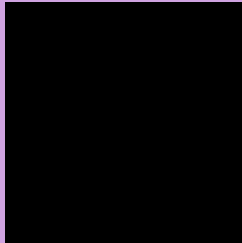
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 52.2839, 44.8416, 76.4206

Background



This preview shows how black text looks on a background with the XYZ color 52.2839, 44.8416, 76.4206.



This preview shows how white text looks on a background with the XYZ color 52.2839, 44.8416,

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

52.2839, 44.8416, 76.4206

Protanopia

45.6777, 45.1713, 84.1534

Deuteranopia

45.9703, 44.9325, 75.3572



Tritanopia

47.3020, 45.0040, 51.5410

Trichromacy



Original Color

52.2839, 44.8416, 76.4206

Protanomaly

47.6259, 44.8019, 81.0004

Deuteranomaly

48.1319, 44.8926, 75.9404

Tritanomaly

48.9400, 44.8253, 60.1056

Monochromacy



Original Color

52.2839, 44.8416, 76.4206

Achromatopsia

45.0092, 47.3531, 51.5676

Achromatomaly

47.4566, 46.3344, 59.8683

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.2839, 44.8416, 76.4206 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(207, 163, 224)` looks like.

```
.text, #text, p{  
    color:rgb(207, 163, 224)  
}
```

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(207, 163, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 163, 224) }
```

Border

The CSS property to change the border of an element to XYZ 52.2839, 44.8416, 76.4206 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(207, 163, 224) }
```


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

```
.border{ border-color:rgb(207, 163, 224) }
```

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

Here you see how a box with a 4 pixel rgb(207, 163, 224) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 163, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 163, 224);  
box-shadow:4px 4px 4px 4px rgb(207, 163,  
224) }
```

Background

The CSS property to change the background color of an element to XYZ 52.2839, 44.8416, 76.4206 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 163, 224) }
```

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

```
.background{ background-color: rgb(207,  
163, 224) }
```

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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