

Converting Colors

XYZ(51.7830, 42.8251, 52.0030)

Have a look what the booklet for
XYZ(51.7830, 42.8251, 52.0030)
contains.

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Color

**XYZ(51.7826, 42.8251,
51.9912)**

Conversions

Conversions Part 1

Format	Color
Hex	E29ABA
RGB	226, 154, 186
RGB Percent	89%, 60%, 73%
CMY	0.1137, 0.3961, 0.2706
CMYK	0.00, 0.32, 0.18, 0.11
HSL	333°, 55%, 75%
HSV	333°, 32%, 89%
XYZ	51.7826, 42.8251, 51.9912
YIQ	179.1760, 32.6400, 25.2160

Conversions

Conversions Part 2

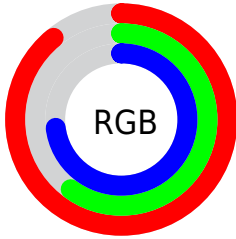
Format	Color
R _Y B	226, 154, 186
Decimal	14850746
CIE Lab	71.44, 31.49, -5.57
CIE LCh	71, 31.977, 349.969
Yxy	42.8251, 0.3532, 0.2921
Android (android.graphics.Color)	4293040826 (0xFFE29ABA)
YUV	179.1760, 3.3642, 41.0646
Hunter-Lab	65.4409, 26.7234, -1.2958

Details

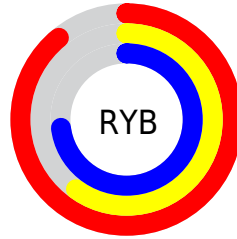
The XYZ color **51.7826, 42.8251, 51.9912** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **50.2622, 65.1590, 60.9699**, and the grayscale version is **42.9130, 45.1479, 49.1660**.

A 20% lighter version of the original color is **80.0675, 73.2717, 93.9272**, and **25.3472, 19.6312, 24.6436** is the 20% darker color. If you saturate the color by 10%, you get **47.1211, 35.5450, 44.1384**, and if you desaturate by 10%, it is **57.2661, 51.5605, 60.6977**.

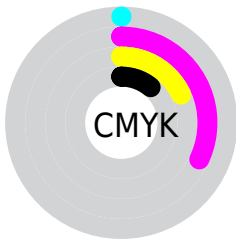
Distribution



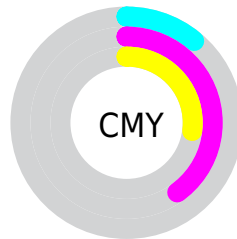
- Red (89%)
- Green (60%)
- Blue (73%)



- Red (89%)
- Yellow (60%)
- Blue (73%)



- Cyan (0%)
- Magenta (32%)
- Yellow (18%)
- Black (11%)





- Cyan (11%)
- Magenta (40%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 51.7826, 42.8251, 51.9912 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 51.7826, 42.8251, 51.9912 by changing the saturation by 10% instead.


 51.7826, 42.8251,
51.9912


 51.7826, 42.8251,
51.9912


383.9345,
357.8920, 411.3586

 37.0554, 29.7479,
36.6159


 91.9867, 79.4469,
94.5447

 25.4242, 19.6473,
24.6168

 118.1942,
103.7602, 122.5600

 16.5238, 12.1389,
15.5753


148.9593,
132.5878, 155.6256

 9.9888, 6.8384,
9.0731

184.6472,
166.3139, 194.1602

 5.4537, 3.3612,
4.6914

225.6233,
205.3230, 238.5822

 2.5533, 1.3231,
2.0118

272.2530,

 0.9222, 0.1590,

249.9994, 289.3103

0.5625

324.9016,
300.7276, 346.7629

■ 0.0000, 0.0000,
0.0000

■ 51.7826, 42.8251,
51.9912

■ 51.7826, 42.8251,
51.9912

■ 47.1211, 35.5450,
44.1384

■ 57.2661, 51.5605,
60.6977

■ 43.2354, 29.6339,
37.1077

■ 63.6072, 61.8193,
70.2826

■ 40.0801, 25.0059,
30.8691

■ 70.8438, 73.6722,
80.7729

■ 37.6035, 21.5625,
25.3891

■ 79.0105, 87.1840,
92.1934

■ 35.7463, 19.1907,
20.6310

■ 84.1893, 94.5149,
103.2509

■ 34.4379, 17.7550,
16.5538

■ 85.1743, 94.9089,
108.4378

■ 33.6858, 17.0975,
13.6926

Harmonies

Analogous

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



49.1638, 42.8251, 68.4374



51.7826, 42.8251, 51.9912



51.2391, 42.8251, 37.2122

Triad

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



51.7826, 42.8251, 51.9912



37.2672, 42.8251, 23.9310



34.3969, 42.8251, 73.2394

Complementary

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



51.7826, 42.8251, 51.9912



50.2622, 65.1590, 60.9699

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.



31.7219, 42.8251, 57.5144



51.7826, 42.8251, 51.9912



33.2750, 42.8251, 30.0291

Square

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



51.7826, 42.8251, 51.9912



42.5355, 42.8251, 23.0884



31.3302, 42.8251, 41.6493



38.9258, 42.8251, 82.3764

Rectangle

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



51.7826, 42.8251, 51.9912



49.1720, 42.8251, 30.0477



31.3302, 42.8251, 41.6493



33.2686, 42.8251, 68.4052

Sweetspot

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



51.7838, 42.8271, 51.9921



85.2500, 83.9166, 94.7923



47.4304, 40.0209, 77.1771



17.9731, 17.5149, 19.8860



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.



51.7838, 42.8271, 51.9921



64.0458, 49.9726, 61.6293



49.3571, 42.8214, 36.2381



13.9591, 13.8013, 15.5547



19.2753, 9.7771, 8.1155



1.3806, 0.6955, 0.7971

Inverse Universe

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



51.7838, 42.8271, 51.9921



64.0458, 49.9726, 61.6293



53.2830, 64.8175, 81.6549



13.9591, 13.8013, 15.5547



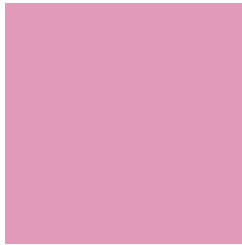
19.2753, 9.7771, 8.1155



1.3806, 0.6955, 0.7971

Previews

White Background



This preview shows how the XYZ color 51.7826, 42.8251, 51.9912 looks on a white background.

Color Contrast Check

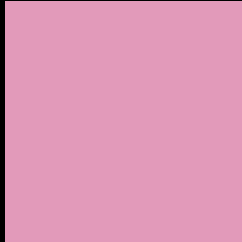
Large Text (above 18pt) WCAG AA × Fail

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 51.7826, 42.8251, 51.9912 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

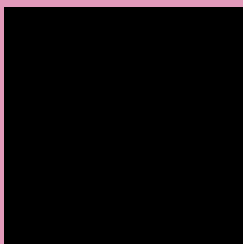
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 51.7826, 42.8251, 51.9912

Background



This preview shows how black text looks on a background with the XYZ color 51.7826, 42.8251, 51.9912.



This preview shows how white text looks on a background with the XYZ color 51.7826, 42.8251,

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

51.7826, 42.8251, 51.9912

Protanopia

42.3424, 43.1200, 59.5174

Deuteranopia

43.9082, 42.9872, 50.7829



Tritanopia

49.9589, 42.8258, 43.1692

Trichromacy



Original Color

51.7826, 42.8251, 51.9912

Protanomaly

45.2945, 42.7389, 56.9011

Deuteranomaly

46.2843, 42.5682, 51.1244

Tritanomaly

50.6777, 42.8796, 46.1630

Monochromacy



Original Color

51.7826, 42.8251, 51.9912

Achromatopsia

42.8472, 45.0786, 49.0906

Achromatomaly

45.5832, 43.8626, 50.3198

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.7826, 42.8251, 51.9912 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(226, 154, 186)` looks like.

```
.text, #text, p{  
    color:rgb(226, 154, 186)  
}
```

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(226, 154, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 154, 186) }
```

Border

The CSS property to change the border of an element to XYZ 51.7826, 42.8251, 51.9912 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(226, 154, 186) }
```


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

```
.border{ border-color:rgb(226, 154, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 154, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 154, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 154, 186);  
box-shadow:4px 4px 4px 4px rgb(226, 154,  
186) }
```

Background

The CSS property to change the background color of an element to XYZ 51.7826, 42.8251, 51.9912 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 154, 186) }
```

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

```
.background{ background-color: rgb(226,  
154, 186) }
```

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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