

Converting Colors

XYZ(62.3880, 60.9727, 76.8873)

Have a look what the booklet for
XYZ(62.3880, 60.9727, 76.8873)
contains.

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Color

**XYZ(62.3880, 60.9727,
76.8873)**

Conversions

Conversions Part 1

Format	Color
Hex	DAC7DD
RGB	218, 199, 221
RGB Percent	85%, 78%, 87%
CMY	0.1451, 0.2196, 0.1333
CMYK	0.01, 0.10, 0.00, 0.13
HSL	292°, 24%, 82%
HSV	292°, 10%, 87%
XYZ	62.3880, 60.9727, 76.8873
YIQ	207.1890, 4.2620, 10.8700

Conversions

Conversions Part 2

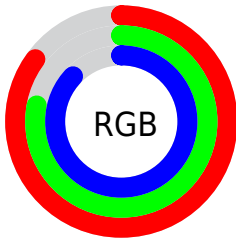
Format	Color
R_{YB}	218, 199, 221
Decimal	14338013
CIE _{Lab}	82.36, 10.55, -8.51
CIE _{LCh}	82, 13.553, 321.127
Yxy	60.9727, 0.3116, 0.3045
Android (android.graphics.Color)	4292528093 (0xFFDAC7DD)
YUV	207.1890, 6.8088, 9.4812
Hunter-Lab	78.0850, 5.9683, -3.7211

Details

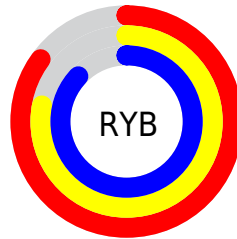
The XYZ color **62.3880, 60.9727, 76.8873** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **60.5246, 68.3945, 64.0473**, and the grayscale version is **59.3870, 62.4798, 68.0405**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **32.1126, 30.7905, 40.3270** is the 20% darker color. If you saturate the color by 10%, you get **56.7754, 51.0724, 75.2731**, and if you desaturate by 10%, it is **68.7590, 72.3635, 78.7511**.

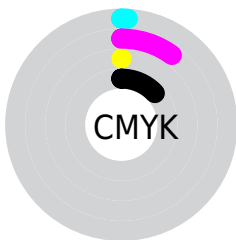
Distribution



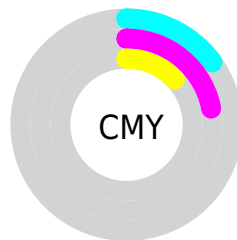
- Red (85%)
- Green (78%)
- Blue (87%)



- Red (85%)
- Yellow (78%)
- Blue (87%)



- Cyan (1%)
- Magenta (10%)
- Yellow (0%)
- Black (13%)



- Cyan (15%)
- Magenta (22%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 62.3880, 60.9727, 76.8873 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 62.3880, 60.9727, 76.8873 by changing the saturation by 10% instead.

62.3880, 60.9727,
76.8873

62.3880, 60.9727,
76.8873

423.0400,
428.1739, 503.8071

45.6031, 44.2031,
56.6494

107.3729,
106.2394, 130.7519

32.1360, 30.8302,
40.3163

136.3035,
135.5053, 165.2157

21.6215, 20.4696,
27.4696

170.0135,
169.7055, 205.2586

13.6941, 12.7369,
17.6907

208.8681,
209.2243, 251.2990

7.9885, 7.2476,
10.5610

253.2327,
254.4462, 303.7555

4.1393, 3.6174,
5.6620

303.4726,

1.7812, 1.4619,

305.7555, 363.0467

2.5752

359.9533,
363.5366, 429.5910

■ 0.5063, 0.2617,
0.8796

■ 0.0000, 0.0000,
0.0000

■ 62.3880, 60.9727,
76.8873

■ 62.3880, 60.9727,
76.8873

■ 56.7754, 51.0724,
75.2731

■ 68.7590, 72.3635,
78.7511

■ 51.8840, 42.5914,
73.8939

■ 75.9129, 85.2966,
80.8704

■ 47.6816, 35.4643,
72.7397

■ 80.5035, 93.0784,
82.1305

■ 44.1313, 29.6174,
71.7983

■ 81.4628, 93.5730,
82.1754

41.1927, 24.9700,
71.0561

82.4388, 94.0761,
82.2210

38.8208, 21.4325,
70.4983

83.4316, 94.5879,
82.2675

36.9643, 18.9020,
70.1077

84.4413, 95.1084,
82.3147

35.5622, 17.2570,
69.8641

85.4680, 95.6377,
82.3628

34.5073, 16.2831,
69.7317

86.5117, 96.1758,
82.4116

Harmonies

Analogous

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



59.9790, 60.9727, 82.3695



62.3880, 60.9727, 76.8873



63.6189, 60.9727, 68.8744

Triad

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



62.3880, 60.9727, 76.8873



58.8142, 60.9727, 51.8721



52.9218, 60.9727, 72.2925

Complementary

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



62.3880, 60.9727, 76.8873



60.5246, 68.3945, 64.0473

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.



52.6333, 60.9727, 63.9640



62.3880, 60.9727, 76.8873



55.9726, 60.9727, 52.6217

Square

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



62.3880, 60.9727, 76.8873



61.5110, 60.9727, 54.7525



53.7328, 60.9727, 56.8925



54.5343, 60.9727, 79.5672

Rectangle

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



62.3880, 60.9727, 76.8873



63.5786, 60.9727, 63.3645



53.7328, 60.9727, 56.8925



52.6689, 60.9727, 69.5080

Sweetspot

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



62.3898, 60.9753, 76.8886



92.2751, 95.0185, 108.0847



57.7979, 59.7474, 76.8936



19.5955, 20.0599, 23.0891



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.



62.3898, 60.9753, 76.8886



84.5346, 81.2237, 105.8300



62.2924, 61.0410, 71.6513



13.4307, 13.1801, 16.4883



20.1138, 9.4932, 40.5107



1.3523, 0.6404, 2.6268

Inverse Universe

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



60.9050, 60.4860, 64.3450



82.0866, 80.4199, 85.0127



60.6376, 68.3469, 68.8380



13.1280, 13.0803, 13.9352



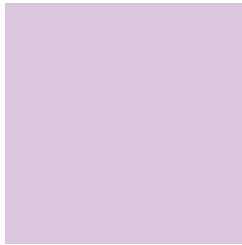
17.4834, 8.9944, 1.6597



1.1565, 0.5922, 0.2331

Previews

White Background



This preview shows how the XYZ color 62.3880, 60.9727, 76.8873 looks on a white background.

Color Contrast Check

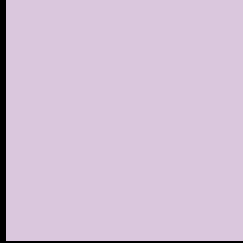
Large Text (above 18pt) WCAG AA × Fail

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 62.3880, 60.9727, 76.8873 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

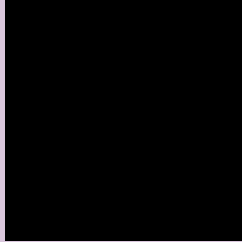
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 62.3880, 60.9727, 76.8873

Background



This preview shows how black text looks on a background with the XYZ color 62.3880, 60.9727, 76.8873.



This preview shows how white text looks on a background with the XYZ color 62.3880, 60.9727,

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

62.3880, 60.9727, 76.8873

Protanopia

59.6760, 61.2641, 79.2009

Deuteranopia

62.3880, 60.9727, 76.8873



Tritanopia

61.6642, 61.0181, 73.4934

Trichromacy



Original Color

62.3880, 60.9727, 76.8873

Protanomaly

60.4522, 60.9787, 78.3959

Deuteranomaly

62.3880, 60.9727, 76.8873

Tritanomaly

61.9244, 61.1222, 74.8637

Monochromacy



Original Color

62.3880, 60.9727, 76.8873

Achromatopsia

59.3074, 62.3960, 67.9493

Achromatomaly

60.3405, 61.7881, 71.0334

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.3880, 60.9727, 76.8873 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(218, 199, 221)` looks like.

```
.text, #text, p{  
    color:rgb(218, 199, 221)  
}
```

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(218, 199, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 199, 221) }
```

Border

The CSS property to change the border of an element to XYZ 62.3880, 60.9727, 76.8873 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(218, 199, 221) }
```


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

```
.border{ border-color:rgb(218, 199, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 199, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 199, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 199, 221);  
box-shadow:4px 4px 4px 4px rgb(218, 199,  
221) }
```

Background

The CSS property to change the background color of an element to XYZ 62.3880, 60.9727, 76.8873 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 199, 221) }
```

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

```
.background{ background-color: rgb(218,  
199, 221) }
```

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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