

Converting Colors

XYZ(62.9699, 60.5786, 77.4812)

Have a look what the booklet for
XYZ(62.9699, 60.5786, 77.4812)
contains.

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Color

**XYZ(62.9699, 60.5786,
77.4812)**

Conversions

Conversions Part 1

Format	Color
Hex	DDC5DE
RGB	221, 197, 222
RGB Percent	87%, 77%, 87%
CMY	0.1333, 0.2274, 0.1294
CMYK	0.00, 0.11, 0.00, 0.13
HSL	298°, 27%, 82%
HSV	298°, 11%, 87%
XYZ	62.9699, 60.5786, 77.4812
YIQ	207.0260, 6.2790, 12.8630

Conversions

Conversions Part 2

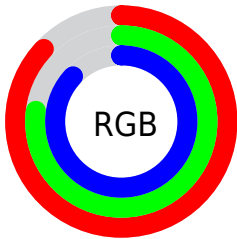
Format	Color
R_{YB}	221, 197, 222
Decimal	14534110
CIE _{Lab}	82.15, 12.81, -9.33
CIE _{LCh}	82, 15.850, 323.942
Yxy	60.5786, 0.3132, 0.3013
Android (android.graphics.Color)	4292724190 (0xFFDDC5DE)
YUV	207.0260, 7.3822, 12.2552
Hunter-Lab	77.8323, 8.2083, -4.5400

Details

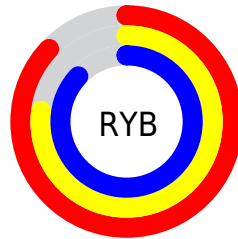
The XYZ color **62.9699, 60.5786, 77.4812** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **59.4902, 68.2811, 62.8705**, and the grayscale version is **59.2776, 62.3646, 67.9151**.

A 20% lighter version of the original color is **94.7318, 99.3636, 108.7939**, and **32.5234, 30.5419, 40.7402** is the 20% darker color. If you saturate the color by 10%, you get **58.0267, 51.0915, 75.9114**, and if you desaturate by 10%, it is **68.6604, 71.5563, 79.3011**.

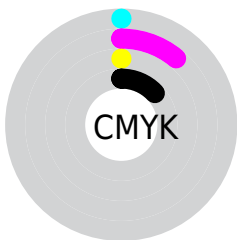
Distribution



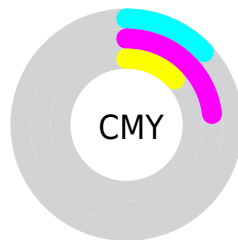
- Red (87%)
- Green (77%)
- Blue (87%)



- Red (87%)
- Yellow (77%)
- Blue (87%)



- Cyan (0%)
- Magenta (11%)
- Yellow (0%)
- Black (13%)



- Cyan (13%)
- Magenta (23%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 62.9699, 60.5786, 77.4812 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 62.9699, 60.5786, 77.4812 by changing the saturation by 10% instead.

62.9699, 60.5786,
77.4812

62.9699, 60.5786,
77.4812

425.1216,
426.7272, 505.8843

46.0754, 43.8852,
57.1340

108.2081,
105.6685, 131.5977

32.5102, 30.5802,
40.7027

137.2826,
134.8338, 166.2041

21.9089, 20.2794,
27.7689

171.1478,
168.9252, 206.4006

13.9062, 12.5983,
17.9140

210.1690,
208.3271, 252.6059

8.1367, 7.1525,
10.7195

254.7117,
253.4238, 305.2383

4.2351, 3.5577,
5.7667

305.1411,

1.8360, 1.4294,

304.5998, 364.7165

2.6373

361.8226,
362.2395, 431.4590

■ 0.5392, 0.2382,
0.9116

■ 0.0000, 0.0000,
0.0000

■ 62.9699, 60.5786,
77.4812

■ 62.9699, 60.5786,
77.4812

■ 58.0267, 51.0915,
75.9114

■ 68.6604, 71.5563,
79.3011

■ 53.7931, 43.0225,
74.5771

■ 75.1233, 84.0775,
81.3773

■ 50.2362, 36.3047,
73.4679

■ 79.5818, 92.5878,
82.7850

■ 47.3185, 30.8631,
72.5714

■ 79.8571, 92.7298,
82.7979

■ 44.9985, 26.6150,
71.8737

■ 80.1339, 92.8725,
82.8108

■ 43.2302, 23.4682,
71.3595

■ 80.4122, 93.0159,
82.8238

■ 41.9607, 21.3168,
71.0111

■ 80.6919, 93.1601,
82.8369

■ 41.1268, 20.0345,
70.8075

■ 80.9730, 93.3050,
82.8501

■ 40.6612, 19.4385,
70.7171

■ 81.2556, 93.4507,
82.8633

Harmonies

Analogous

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



60.2445, 60.5786, 84.3902



62.9699, 60.5786, 77.4812



64.2562, 60.5786, 67.9350

Triad

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



62.9699, 60.5786, 77.4812



58.2638, 60.5786, 49.1928



51.8637, 60.5786, 73.7707

Complementary

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



62.9699, 60.5786, 77.4812



59.4902, 68.2811, 62.8705

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.



51.3796, 60.5786, 64.0232



62.9699, 60.5786, 77.4812



54.9916, 60.5786, 50.4294

Square

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



62.9699, 60.5786, 77.4812



61.4718, 60.5786, 52.0825



52.5033, 60.5786, 55.6412



53.8524, 60.5786, 82.1061

Rectangle

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



62.9699, 60.5786, 77.4812



64.0901, 60.5786, 61.5942



52.5033, 60.5786, 55.6412



51.5229, 60.5786, 70.5270

Sweetspot

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



62.9717, 60.5812, 77.4825



92.5454, 95.1578, 108.0974



56.4647, 57.6498, 77.2596



19.6688, 20.0977, 23.0925



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.



62.9717, 60.5812, 77.4825



84.1765, 79.0299, 105.4255



61.8189, 60.1554, 69.8187



14.2380, 13.9062, 17.3214



24.1751, 11.5580, 42.0051



1.6928, 0.8099, 2.9124

Inverse Universe

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



60.2856, 59.5420, 61.7443



79.6647, 77.2857, 78.9354



60.5653, 68.6808, 69.9027



13.7293, 13.7094, 14.3449



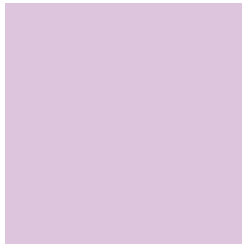
17.9317, 9.2397, 1.0404



1.2509, 0.6436, 0.1139

Previews

White Background



This preview shows how the XYZ color 62.9699, 60.5786, 77.4812 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 62.9699, 60.5786, 77.4812 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

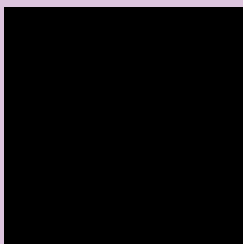
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

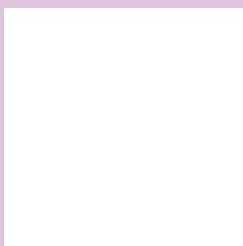
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 62.9699, 60.5786, 77.4812

Background



This preview shows how black text looks on a background with the XYZ color 62.9699, 60.5786, 77.4812.



This preview shows how white text looks on a background with the XYZ color 62.9699, 60.5786,

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

62.9699, 60.5786, 77.4812

Protanopia

59.4405, 60.7594, 80.5464

Deuteranopia

61.9271, 60.7197, 77.5634



Tritanopia

61.8469, 60.4589, 72.0284

Trichromacy



Original Color

62.9699, 60.5786, 77.4812

Protanomaly

60.7717, 60.7648, 79.7599

Deuteranomaly

62.2923, 60.5675, 77.5148

Tritanomaly

62.2337, 60.6136, 74.0652

Monochromacy



Original Color

62.9699, 60.5786, 77.4812

Achromatopsia

59.3074, 62.3960, 67.9493

Achromatomaly

60.3910, 61.4624, 70.9678

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.9699, 60.5786, 77.4812 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(221, 197, 222)` looks like.

```
.text, #text, p{  
    color:rgb(221, 197, 222)  
}
```

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(221, 197, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 197, 222) }
```

Border

The CSS property to change the border of an element to XYZ 62.9699, 60.5786, 77.4812 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(221, 197, 222) }
```


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

```
.border{ border-color:rgb(221, 197, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 197, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 197, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 197, 222);  
box-shadow:4px 4px 4px 4px rgb(221, 197,  
222) }
```

Background

The CSS property to change the background color of an element to XYZ 62.9699, 60.5786, 77.4812 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 197, 222) }
```

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

```
.background{ background-color: rgb(221,  
197, 222) }
```

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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