

Converting Colors

XYZ(62.6544, 52.7529,
101.4878)

Have a look what the booklet for
XYZ(62.6544, 52.7529, 101.4878)
contains.

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Color

**XYZ(62.7013, 52.7077,
101.4766)**

Conversions

Conversions Part 1

Format	Color
Hex	DCAEFF
RGB	220, 174, 255
RGB Percent	86%, 68%, 100%
CMY	0.1372, 0.3176, 0.0000
CMYK	0.14, 0.32, 0.00, 0.00
HSL	274°, 100%, 84%
HSV	274°, 32%, 100%
XYZ	62.7013, 52.7077, 101.4766
YIQ	196.9880, 1.4150, 34.9430

Conversions

Conversions Part 2

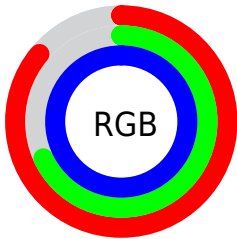
Format	Color
R _Y B	220, 174, 255
Decimal	14462719
CIE Lab	77.70, 31.37, -33.80
CIE LCh	78, 46.118, 312.864
Yxy	52.7077, 0.2891, 0.2430
Android (android.graphics.Color)	4292652799 (0xFFDCAEFF)
YUV	196.9880, 28.5999, 20.1815
Hunter-Lab	72.6001, 27.1120, -32.0524

Details

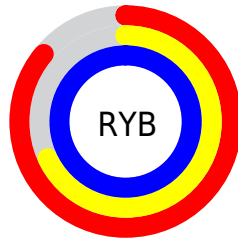
The XYZ color **62.7013, 52.7077, 101.4766** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **69.6954, 88.1317, 53.3844**, and the grayscale version is **52.8974, 55.6522, 60.6052**.

A 20% lighter version of the original color is **87.5868, 85.0736, 106.4123**, and **32.3403, 25.6445, 56.6714** is the 20% darker color. If you saturate the color by 10%, you get **55.0093, 42.1114, 99.8368**, and if you desaturate by 10%, it is **71.5514, 65.2917, 103.4391**.

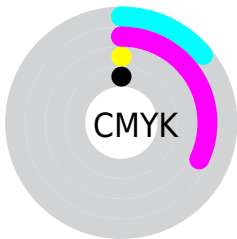
Distribution



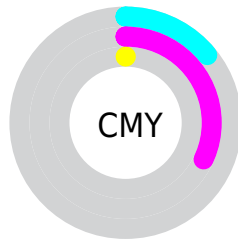
- Red (86%)
- Green (68%)
- Blue (100%)



- Red (86%)
- Yellow (68%)
- Blue (100%)



- Cyan (14%)
- Magenta (32%)
- Yellow (0%)
- Black (0%)





- Cyan (14%)
- Magenta (32%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 62.7013, 52.7077, 101.4766 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 62.7013, 52.7077, 101.4766 by changing the saturation by 10% instead.


 62.7013, 52.7077,
101.4766

 62.7013, 52.7077,
101.4766


424.1615,
397.1627, 586.2035

 45.8573, 37.5695,
76.9105

 107.8227, 94.1741,
165.2544

 32.3374, 25.6487,
56.6683


136.8309,
121.2711, 205.3033

 21.7761, 16.5610,
40.3314


170.6244,
153.1231, 251.3501

 13.8082, 9.9220,
27.4813

209.5688,
190.1146, 303.8136

 8.0682, 5.3473,
17.6994

254.0294,
232.6299, 363.1121

 4.1908, 2.4524,
10.5672

304.3715,

 1.8106, 0.8527,

281.0534, 429.6642

5.6661

360.9604,
335.7695, 503.8885

■ 0.5241, 0.0000,
2.5777

■ 0.0000, 0.0000,
0.8809

■ 62.7013, 52.7077,
101.4766

■ 62.7013, 52.7077,
101.4766

■ 55.0093, 42.1114,
99.8368

■ 71.5514, 65.2917,
103.4391

■ 48.4133, 33.3882,
98.5006

■ 81.6078, 79.9569,
105.7398

■ 42.8522, 26.4211,
97.4490

■ 92.9215, 96.7985,
108.3942

■ 38.2562, 21.0772,
96.6597

■ 95.0500, 100.0000,
108.9000

■ 34.5454, 17.2035,
96.1076

■ 31.6243, 14.6160,
95.7621

■ 29.6949, 13.2232,
95.5950

Harmonies

Analogous

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



54.0158, 52.7077, 119.8752



62.7013, 52.7077, 101.4766



68.3508, 52.7077, 73.1227

Triad

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



62.7013, 52.7077, 101.4766



55.3254, 52.7077, 22.0706



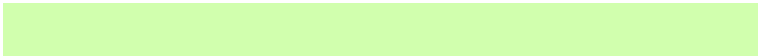
35.1601, 52.7077, 69.0421

Complementary

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



62.7013, 52.7077, 101.4766



69.6954, 88.1317, 53.3844

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.



35.4222, 52.7077, 44.0927



62.7013, 52.7077, 101.4766



46.3727, 52.7077, 21.5730

Square

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



62.7013, 52.7077, 101.4766



63.7577, 52.7077, 30.0285



39.3064, 52.7077, 28.3777



38.5420, 52.7077, 97.7357

Rectangle

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



62.7013, 52.7077, 101.4766



69.2655, 52.7077, 54.9688



39.3064, 52.7077, 28.3777



34.8379, 52.7077, 59.8807

Sweetspot

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



62.7029, 52.7098, 101.4770



83.5098, 82.7656, 106.1817



58.3321, 61.8704, 103.4755



17.5493, 17.2348, 22.6517



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.



62.7029, 52.7098, 101.4770



57.7724, 45.8735, 100.4173



73.5696, 58.4108, 97.5111



17.9905, 17.8868, 22.7542



15.6907, 6.9993, 49.9586



1.6530, 0.7461, 4.8702

Inverse Universe

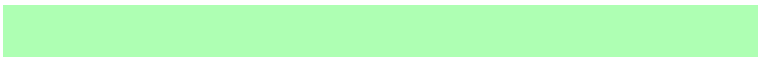
The Inverse Universe completely reimagines the original color for something new.



67.8857, 56.1373, 67.5803



63.9057, 49.9165, 60.8915



61.3941, 83.7902, 55.7997



18.3352, 18.1174, 20.3825



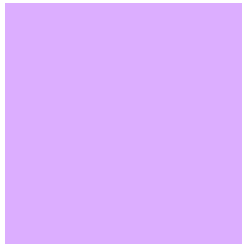
23.0961, 11.7277, 9.1567



2.3023, 1.1633, 1.1735

Previews

White Background



This preview shows how the XYZ color 62.7013, 52.7077, 101.4766 looks on a white background.

Color Contrast Check

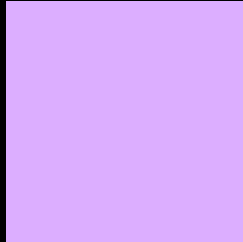
Large Text (above 18pt) WCAG AA × Fail

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 62.7013, 52.7077, 101.4766 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

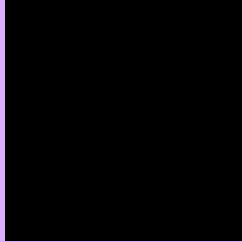
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 62.7013, 52.7077, 101.4766

Background



This preview shows how black text looks on a background with the XYZ color 62.7013, 52.7077, 101.4766.



This preview shows how white text looks on a background with the XYZ color 62.7013, 52.7077,

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

62.7013, 52.7077, 101.4766

Protanopia

53.9190, 53.0456, 102.0047

Deuteranopia

54.1284, 52.8884, 99.4511



Tritanopia

54.5217, 52.6703, 61.3256

Trichromacy



Original Color

62.7013, 52.7077, 101.4766



Protanomaly

56.6763, 52.5773, 101.7690



Deuteranomaly

56.8624, 52.7103, 100.1056

Tritanomaly

57.0416, 52.4584, 74.1369

Monochromacy



Original Color

62.7013, 52.7077, 101.4766



Achromatopsia

53.0703, 55.8340, 60.8033



Achromatomaly

56.0293, 54.4363, 73.8839

CSS Examples

Text

The CSS property to change the color of the text to XYZ 62.7013, 52.7077, 101.4766 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(220, 174, 255)` looks like.

```
.text, #text, p{  
    color:rgb(220, 174, 255)  
}
```

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(220, 174, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 174, 255) }
```

Border

The CSS property to change the border of an element to XYZ 62.7013, 52.7077, 101.4766 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(220, 174, 255) }
```


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

```
.border{ border-color:rgb(220, 174, 255) }
```

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

Here you see how a box with a 4 pixel rgb(220, 174, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 174, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 174, 255);  
box-shadow:4px 4px 4px 4px rgb(220, 174,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 62.7013, 52.7077, 101.4766 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 174, 255) }
```

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

```
.background{ background-color: rgb(220,  
174, 255) }
```

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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