

Converting Colors

XYZ(64.8942, 61.0583,
102.9729)

Have a look what the booklet for
XYZ(64.8942, 61.0583, 102.9729)
contains.

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Color

**XYZ(64.8802, 61.0014,
102.9626)**

Conversions

Conversions Part 1

Format	Color
Hex	D3C5FF
RGB	211, 197, 255
RGB Percent	83%, 77%, 100%
CMY	0.1725, 0.2274, 0.0000
CMYK	0.17, 0.23, 0.00, 0.00
HSL	254°, 100%, 89%
HSV	254°, 23%, 100%
XYZ	64.8802, 61.0014, 102.9626
YIQ	207.7980, -10.2740, 21.0060

Conversions

Conversions Part 2

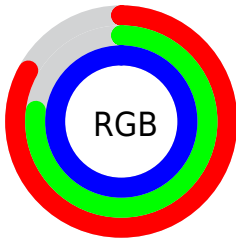
Format	Color
R_{YB}	211, 197, 255
Decimal	13878783
CIE _{Lab}	82.38, 16.20, -26.69
CIE _{LCh}	82, 31.217, 301.252
Yxy	61.0014, 0.2835, 0.2666
Android (android.graphics.Color)	4292068863 (0xFFD3C5FF)
YUV	207.7980, 23.2706, 2.8082
Hunter-Lab	78.1034, 11.5984, -23.4888

Details

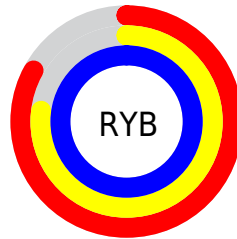
The XYZ color **64.8802, 61.0014, 102.9626** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **82.1149, 94.2526, 66.6907**, and the grayscale version is **59.6839, 62.7921, 68.3806**.

A 20% lighter version of the original color is **94.7318, 99.3636, 108.7939**, and **33.7258, 30.7901, 57.5916** is the 20% darker color. If you saturate the color by 10%, you get **54.3599, 47.6986, 100.9494**, and if you desaturate by 10%, it is **77.0503, 76.6116, 105.3343**.

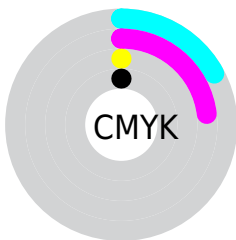
Distribution



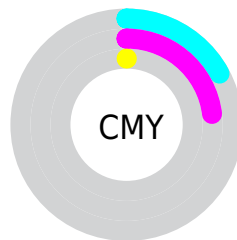
- Red (83%)
- Green (77%)
- Blue (100%)



- Red (83%)
- Yellow (77%)
- Blue (100%)



- Cyan (17%)
- Magenta (23%)
- Yellow (0%)
- Black (0%)



- Cyan (17%)
- Magenta (23%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 64.8802, 61.0014, 102.9626 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 64.8802, 61.0014, 102.9626 by changing the saturation by 10% instead.

64.8802, 61.0014,
102.9626

64.8802, 61.0014,
102.9626

431.9134,
428.2791, 590.9775

47.6283, 44.2263,
78.1464

110.9443,
106.2810, 167.3098

33.7426, 30.8485,
57.6771

140.4871,
135.5542, 207.6779

22.8579, 20.4835,
41.1361

174.8577,
169.7623, 254.0671

14.6087, 12.7470,
28.1050

214.4213,
209.2896, 306.8958

8.6298, 7.2545,
18.1651

259.5433,
254.5206, 366.5827

4.5557, 3.6218,
10.8979

310.5891,

2.0210, 1.4643,

305.8395, 433.5462

5.8849

367.9240,
363.6309, 508.2050

■ 0.6457, 0.2634,
2.7076

■ 0.0000, 0.0000,
0.9472

■ 64.8802, 61.0014,
102.9626

■ 64.8802, 61.0014,
102.9626

■ 54.3599, 47.6986,
100.9494

■ 77.0503, 76.6116,
105.3343

■ 45.4114, 36.5852,
99.2759

■ 90.9332, 94.6249,
108.0795

■ 37.9579, 27.5437,
97.9236

95.0500, 100.0000,
108.9000

■ 31.9139, 20.4425,
96.8715

■ 27.1847, 15.1345,
96.0962

■ 23.6630, 11.4509,
95.5708

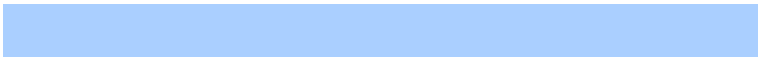
■ 21.2222, 9.1887,
95.2628

■ 20.0083, 8.2296,
95.1416

Harmonies

Analogous

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



58.2602, 61.0014, 110.2437



64.8802, 61.0014, 102.9626



69.9469, 61.0014, 85.6654

Triad

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



64.8802, 61.0014, 102.9626



64.3593, 61.0014, 39.1768



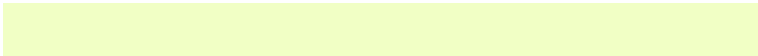
46.0972, 61.0014, 67.2246

Complementary

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



64.8802, 61.0014, 102.9626



82.1149, 94.2526, 66.6907

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.



47.4624, 61.0014, 50.2974



64.8802, 61.0014, 102.9626



57.7007, 61.0014, 36.0888

Square

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



64.8802, 61.0014, 102.9626



69.6303, 61.0014, 49.1532



51.5872, 61.0014, 39.7431



47.7076, 61.0014, 87.3203

Rectangle

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



64.8802, 61.0014, 102.9626



71.5792, 61.0014, 72.1552



51.5872, 61.0014, 39.7431



46.2225, 61.0014, 60.9973

Sweetspot

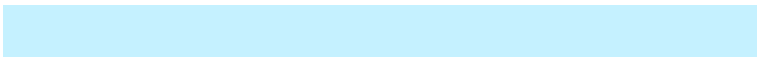
The Sweet Spot groups the original color and five complimentary colors.



64.8820, 61.0038, 102.9630



84.8099, 86.6568, 106.8642



72.6711, 82.2788, 106.6590



17.9725, 18.3140, 22.8377



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.



64.8820, 61.0038, 102.9630



60.2059, 55.0650, 102.0631



73.7947, 65.5985, 103.3801



17.4135, 17.5894, 22.7272



10.5655, 4.3572, 49.7187



1.1217, 0.4722, 4.8453

Inverse Universe

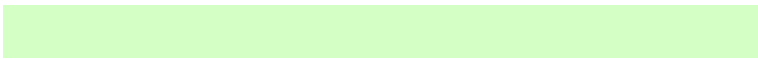
The Inverse Universe completely reimagines the original color for something new.



77.0848, 67.5456, 92.1955



74.3194, 62.6366, 89.3567



73.1257, 89.6184, 66.2700



18.5942, 18.2210, 21.7462



26.6665, 13.1559, 27.9581



2.6392, 1.2980, 2.9472

Previews

White Background



This preview shows how the XYZ color 64.8802, 61.0014, 102.9626 looks on a white background.

Color Contrast Check

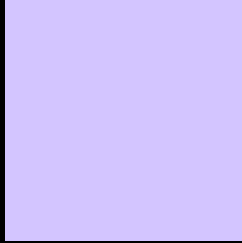
Large Text (above 18pt) WCAG AA × Fail

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 64.8802, 61.0014, 102.9626 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

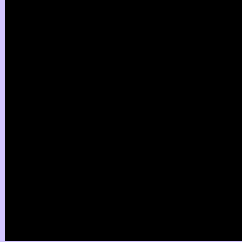
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 64.8802, 61.0014, 102.9626

Background



This preview shows how black text looks on a background with the XYZ color 64.8802, 61.0014, 102.9626.

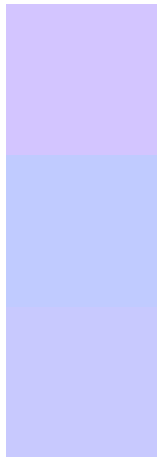


This preview shows how white text looks on a background with the XYZ color 64.8802, 61.0014,

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

64.8802, 61.0014, 102.9626

Protanopia

61.1442, 61.1383, 103.1860

Deuteranopia

62.5955, 61.2084, 102.2812



Tritanopia

59.4510, 60.8583, 76.3236

Trichromacy



Original Color

64.8802, 61.0014, 102.9626

Protanomaly

62.4898, 61.1354, 103.1145

Deuteranomaly

63.4455, 61.3017, 102.2544

Tritanomaly

61.3268, 60.9219, 85.6176

Monochromacy



Original Color

64.8802, 61.0014, 102.9626

Achromatopsia

59.9535, 63.0757, 68.6895

Achromatomaly

61.4780, 62.1773, 79.9953

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.8802, 61.0014, 102.9626 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(211, 197, 255)` looks like.

```
.text, #text, p{  
    color:rgb(211, 197, 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(211, 197, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 197, 255) }
```

Border

The CSS property to change the border of an element to XYZ 64.8802, 61.0014, 102.9626 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(211, 197, 255) }
```


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

```
.border{ border-color:rgb(211, 197, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 197, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 197, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 197, 255);  
box-shadow:4px 4px 4px 4px rgb(211, 197,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 64.8802, 61.0014, 102.9626 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 197, 255) }
```

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

```
.background{ background-color: rgb(211,  
197, 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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