

Converting Colors

XYZ(64.4235, 61.4464,
103.0726)

Have a look what the booklet for
XYZ(64.4235, 61.4464, 103.0726)
contains.

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Color

**XYZ(64.4858, 61.4767,
103.0752)**

Conversions

Conversions Part 1

Format	Color
Hex	D0C7FF
RGB	208, 199, 255
RGB Percent	82%, 78%, 100%
CMY	0.1843, 0.2196, 0.0000
CMYK	0.18, 0.22, 0.00, 0.00
HSL	250°, 100%, 89%
HSV	250°, 22%, 100%
XYZ	64.4858, 61.4767, 103.0752
YIQ	208.0750, -12.6120, 19.3240

Conversions

Conversions Part 2

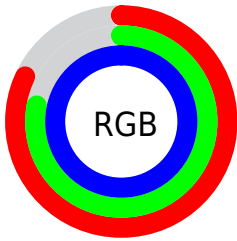
Format	Color
R _Y B	208, 199, 255
Decimal	13682687
CIE Lab	82.63, 14.20, -26.32
CIE LCh	83, 29.907, 298.353
Yxy	61.4767, 0.2816, 0.2684
Android (android.graphics.Color)	4291872767 (0xFFD0C7FF)
YUV	208.0750, 23.1340, -0.0658
Hunter-Lab	78.4071, 9.5947, -23.0586

Details

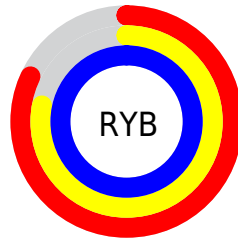
The XYZ color **64.4858, 61.4767, 103.0752** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **84.0760, 95.2369, 67.9868**, and the grayscale version is **59.8649, 62.9826, 68.5880**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **33.4553, 31.1003, 57.6658** is the 20% darker color. If you saturate the color by 10%, you get **53.4863, 47.8154, 101.0180**, and if you desaturate by 10%, it is **77.2839, 77.5275, 105.4988**.

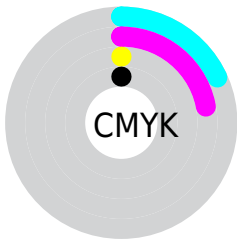
Distribution



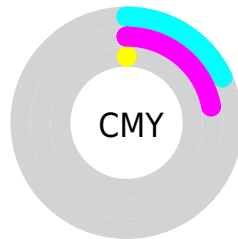
- Red (82%)
- Green (78%)
- Blue (100%)



- Red (82%)
- Yellow (78%)
- Blue (100%)



- Cyan (18%)
- Magenta (22%)
- Yellow (0%)
- Black (0%)



- Cyan (18%)
- Magenta (22%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 64.4858, 61.4767, 103.0752 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 64.4858, 61.4767, 103.0752 by changing the saturation by 10% instead.

64.4858, 61.4767,
103.0752

64.4858, 61.4767,
103.0752

430.5163,
430.0197, 591.3384

47.3074, 44.6100,
78.2401

110.3801,
106.9689, 167.4654

33.4877, 31.1503,
57.7536

139.8267,
136.3631, 207.8577

22.6613, 20.7134,
41.1972

174.0935,
170.7020, 254.2727

14.4630, 12.9146,
28.1523

213.5457,
210.3699, 307.1290

8.5272, 7.3698,
18.2005

258.5487,
255.7512, 366.8452

4.4887, 3.6944,
10.9231

309.4679,

1.9822, 1.5041,

307.2304, 433.8398

5.9016

366.6687,
365.1917, 508.5313

■ 0.6239, 0.2916,
2.7175

■ 0.0000, 0.0000,
0.9522

■ 64.4858, 61.4767,
103.0752

■ 64.4858, 61.4767,
103.0752

■ 53.4863, 47.8154,
101.0180

■ 77.2839, 77.5275,
105.4988

■ 44.1988, 36.4218,
99.3083

■ 91.9512, 96.0674,
108.3043

■ 36.5375, 27.1742,
97.9271

95.0500, 100.0000,
108.9000

■ 30.4069, 19.9365,
96.8533

■ 25.7012, 14.5571,
96.0629

■ 22.3008, 10.8619,
95.5289

■ 20.0649, 8.6434,
95.2186

■ 18.9635, 7.6909,
95.0928

Harmonies

Analogous

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



58.0781, 61.4767, 108.8084



64.4858, 61.4767, 103.0752



69.5706, 61.4767, 87.2296

Triad

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



64.4858, 61.4767, 103.0752



65.1435, 61.4767, 41.1497



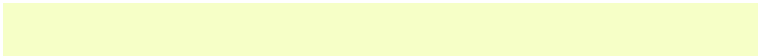
46.9520, 61.4767, 65.9279

Complementary

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



64.4858, 61.4767, 103.0752



84.0760, 95.2369, 67.9868

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.



48.5502, 61.4767, 50.0653



64.4858, 61.4767, 103.0752



58.7868, 61.4767, 37.4784

Square

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



64.4858, 61.4767, 103.0752



69.9694, 61.4767, 51.5277



52.7690, 61.4767, 40.4203



48.2377, 61.4767, 85.1492

Rectangle

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



64.4858, 61.4767, 103.0752



71.3604, 61.4767, 74.3233



52.7690, 61.4767, 40.4203



47.1673, 61.4767, 60.0583

Sweetspot

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



64.4876, 61.4791, 103.0755



84.3190, 86.4038, 106.8412



74.7431, 85.6403, 107.1986



17.8591, 18.2556, 22.8324



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.



64.4876, 61.4791, 103.0755



59.8303, 55.6768, 102.2010



72.8681, 65.7995, 103.4677



17.2748, 17.5179, 22.7208



9.9886, 4.0598, 49.6917



1.0465, 0.4334, 4.8418

Inverse Universe

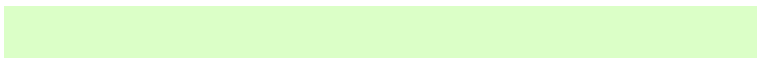
The Inverse Universe completely reimagines the original color for something new.



78.2993, 68.7628, 96.3361



75.7549, 64.0790, 94.2395



75.1634, 90.6423, 67.5697



18.6599, 18.2473, 22.0921



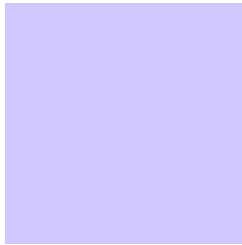
27.9393, 13.6650, 34.6606



2.7524, 1.3433, 3.5437

Previews

White Background



This preview shows how the XYZ color 64.4858, 61.4767, 103.0752 looks on a white background.

Color Contrast Check

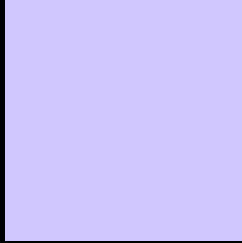
Large Text (above 18pt) WCAG AA × Fail

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 64.4858, 61.4767, 103.0752 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

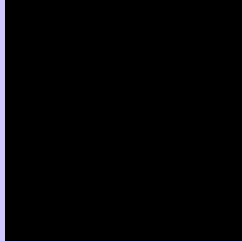
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 64.4858, 61.4767, 103.0752

Background



This preview shows how black text looks on a background with the XYZ color 64.4858, 61.4767, 103.0752.

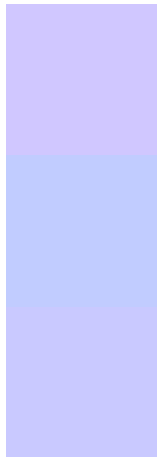


This preview shows how white text looks on a background with the XYZ color 64.4858, 61.4767,

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

64.4858, 61.4767, 103.0752

Protanopia

61.6352, 61.7432, 103.2768

Deuteranopia

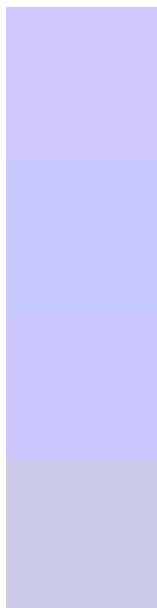
63.0240, 61.4108, 103.1395



Tritanopia

59.2396, 61.4397, 77.1434

Trichromacy



Original Color

64.4858, 61.4767, 103.0752

Protanomaly

62.4592, 61.4668, 103.1801

Deuteranomaly

63.6061, 61.3659, 103.1001

Tritanomaly

60.9658, 61.4324, 85.7352

Monochromacy



Original Color

64.4858, 61.4767, 103.0752

Achromatopsia

59.9535, 63.0757, 68.6895

Achromatomaly

61.4344, 62.5088, 80.0616

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.4858, 61.4767, 103.0752 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(208, 199, 255)` looks like.

```
.text, #text, p{  
    color:rgb(208, 199, 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(208, 199, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 199, 255) }
```

Border

The CSS property to change the border of an element to XYZ 64.4858, 61.4767, 103.0752 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(208, 199, 255) }
```


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

```
.border{ border-color:rgb(208, 199, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 199, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 199, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 199, 255);  
box-shadow:4px 4px 4px 4px rgb(208, 199,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 64.4858, 61.4767, 103.0752 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 199, 255) }
```

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

```
.background{ background-color: rgb(208,  
199, 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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