

Converting Colors

XYZ(64.8338, 61.5081, 98.5335)

Have a look what the booklet for
XYZ(64.8338, 61.5081, 98.5335)
contains.

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Color

**XYZ(64.8900, 61.4364,
98.8808)**

Conversions

Conversions Part 1

Format	Color
Hex	D5C6FA
RGB	213, 198, 250
RGB Percent	84%, 78%, 98%
CMY	0.1647, 0.2235, 0.0196
CMYK	0.15, 0.21, 0.00, 0.02
HSL	257°, 84%, 88%
HSV	257°, 21%, 98%
XYZ	64.8900, 61.4364, 98.8808
YIQ	208.4130, -7.7520, 19.3520

Conversions

Conversions Part 2

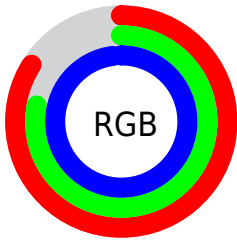
Format	Color
R _{YB}	213, 198, 250
Decimal	14010106
CIE _{Lab}	82.61, 15.21, -23.66
CIE _{LCh}	83, 28.125, 302.743
Yxy	61.4364, 0.2881, 0.2728
Android (android.graphics.Color)	4292200186 (0xFFD5C6FA)
YUV	208.4130, 20.5024, 4.0228
Hunter-Lab	78.3814, 10.6083, -19.9294

Details

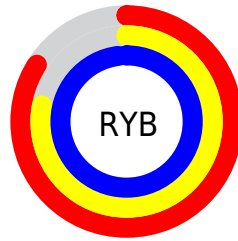
The XYZ color **64.8900, 61.4364, 98.8808** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **78.6415, 90.1121, 66.6773**, and the grayscale version is **60.0984, 63.2282, 68.8556**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **33.6994, 31.0659, 54.6722** is the 20% darker color. If you saturate the color by 10%, you get **54.7608, 48.4216, 96.9035**, and if you desaturate by 10%, it is **76.5322, 76.6343, 101.2017**.

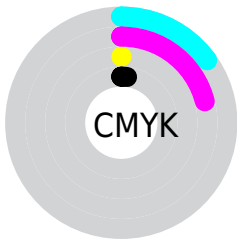
Distribution



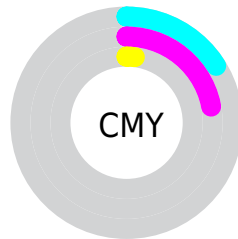
- Red (84%)
- Green (78%)
- Blue (98%)



- Red (84%)
- Yellow (78%)
- Blue (98%)



- Cyan (15%)
- Magenta (21%)
- Yellow (0%)
- Black (2%)



- Cyan (16%)
- Magenta (22%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 64.8900, 61.4364, 98.8808 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 64.8900, 61.4364, 98.8808 by changing the saturation by 10% instead.

64.8900, 61.4364,
98.8808

64.8900, 61.4364,
98.8808

431.9480,
429.8723, 577.8144

47.6363, 44.5775,
74.7545

110.9583,
106.9106, 161.6567

33.7490, 31.1247,
54.9113

140.5035,
136.2946, 201.1435

22.8628, 20.6938,
38.9326

174.8767,
170.6224, 246.5874

14.6124, 12.9004,
26.3998

214.4431,
210.2784, 298.4071

8.6323, 7.3600,
16.8946

259.5680,
255.6470, 357.0211

4.5573, 3.6882,
9.9982

310.6169,

2.0220, 1.5007,

307.1126, 422.8480

5.2922

367.9552,
365.0595, 496.3062

■ 0.6463, 0.2893,
2.3580

■ 0.0000, 0.0000,
0.7634

■ 64.8900, 61.4364,
98.8808

■ 64.8900, 61.4364,
98.8808

■ 54.7608, 48.4216,
96.9035

■ 76.5322, 76.6343,
101.2017

■ 46.0744, 37.4804,
95.2495

■ 89.7419, 94.1027,
103.8772

■ 38.7634, 28.5052,
93.9024

■ 94.2555, 99.6822,
104.7162

■ 32.7526, 21.3755,
92.8431

■ 27.9588, 15.9572,
92.0499

■ 24.2884, 12.0971,
91.4983

■ 21.6320, 9.6133,
91.1589

■ 19.9363, 8.2842,
90.9917

Harmonies

Analogous

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



58.9500, 61.4364, 105.8332



64.8900, 61.4364, 98.8808



69.3157, 61.4364, 83.2781

Triad

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



64.8900, 61.4364, 98.8808



63.8645, 61.4364, 41.5100



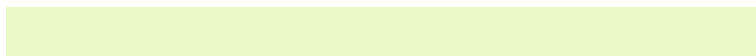
47.5637, 61.4364, 68.4952

Complementary

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



64.8900, 61.4364, 98.8808



78.6415, 90.1121, 66.6773

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.



48.6834, 61.4364, 52.8131



64.8900, 61.4364, 98.8808



57.8404, 61.4364, 38.9121

Square

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



64.8900, 61.4364, 98.8808



68.6956, 61.4364, 50.4970



52.3457, 61.4364, 42.6766



49.1765, 61.4364, 86.5036

Rectangle

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



64.8900, 61.4364, 98.8808



70.6632, 61.4364, 71.1753



52.3457, 61.4364, 42.6766



47.6332, 61.4364, 62.7875

Sweetspot

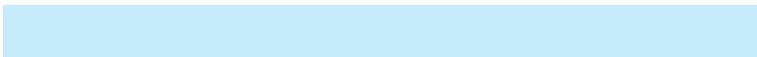
The Sweet Spot groups the original color and five complimentary colors.



64.8919, 61.4389, 98.8822



86.4694, 88.6170, 107.1551



70.3307, 78.4793, 101.8846



18.3159, 18.7138, 22.8967



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.



64.8919, 61.4389, 98.8822



63.2108, 58.2393, 102.5175



72.9579, 65.5971, 99.2597



16.7533, 16.8855, 21.7615



10.6972, 4.4573, 48.2701



1.0907, 0.4644, 4.4753

Inverse Universe

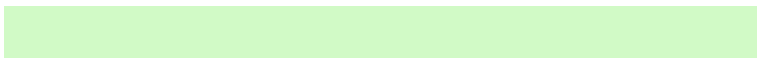
The Inverse Universe completely reimagines the original color for something new.



74.6157, 66.7128, 87.5438



75.1548, 64.7225, 88.3553



70.7506, 86.0442, 66.3080



17.7671, 17.4342, 20.6293



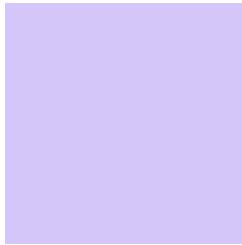
25.2339, 12.5093, 23.7380



2.3830, 1.1769, 2.4401

Previews

White Background



This preview shows how the XYZ color 64.8900, 61.4364, 98.8808 looks on a white background.

Color Contrast Check

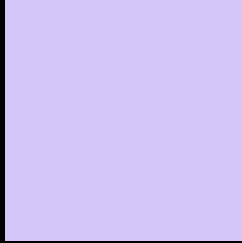
Large Text (above 18pt) WCAG AA × Fail

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 64.8900, 61.4364, 98.8808 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

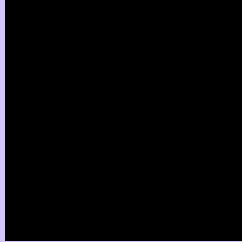
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 64.8900, 61.4364, 98.8808

Background



This preview shows how black text looks on a background with the XYZ color 64.8900, 61.4364, 98.8808.

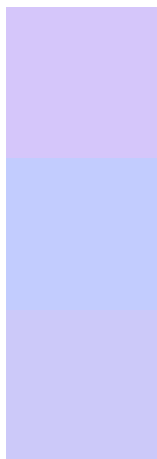


This preview shows how white text looks on a background with the XYZ color 64.8900, 61.4364,

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

64.8900, 61.4364, 98.8808

Protanopia

61.7304, 61.8108, 102.4431

Deuteranopia

62.8874, 61.4502, 98.1691



Tritanopia

60.2866, 61.2891, 76.3627

Trichromacy



Original Color

64.8900, 61.4364, 98.8808

Protanomaly

62.9375, 61.7504, 101.5304

Deuteranomaly

63.4853, 61.4135, 98.1305

Tritanomaly

61.8888, 61.2444, 84.1608

Monochromacy



Original Color

64.8900, 61.4364, 98.8808

Achromatopsia

59.9535, 63.0757, 68.6895

Achromatomaly

61.4905, 62.2151, 78.5799

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.8900, 61.4364, 98.8808 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(213, 198, 250)` looks like.

```
.text, #text, p{  
    color:rgb(213, 198, 250)  
}
```

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(213, 198, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 198, 250) }
```

Border

The CSS property to change the border of an element to XYZ 64.8900, 61.4364, 98.8808 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(213, 198, 250) }
```


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

```
.border{ border-color:rgb(213, 198, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 198, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(213, 198, 250); -webkit-box-shadow:4px 4px 4px 4px rgb(213, 198, 250); box-shadow:4px 4px 4px 4px rgb(213, 198, 250) }
```

Background

The CSS property to change the background color of an element to XYZ 64.8900, 61.4364, 98.8808 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 198, 250) }
```

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

```
.background{ background-color: rgb(213,  
198, 250) }
```

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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