

Converting Colors

XYZ(64.5298, 61.8822,
100.2145)

Have a look what the booklet for
XYZ(64.5298, 61.8822, 100.2145)
contains.

XYZ(64.3614, 61.8289, 99.8087)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(64.3614, 61.8289,
99.8087)**

Conversions

Conversions Part 1

Format	Color
Hex	D1C8FB
RGB	209, 200, 251
RGB Percent	82%, 78%, 98%
CMY	0.1804, 0.2157, 0.0157
CMYK	0.17, 0.20, 0.00, 0.02
HSL	251°, 86%, 88%
HSV	251°, 20%, 98%
XYZ	64.3614, 61.8289, 99.8087
YIQ	208.5050, -11.0070, 17.7690

Conversions

Conversions Part 2

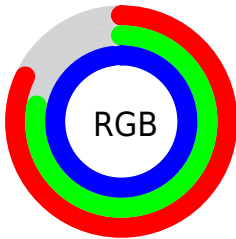
Format	Color
R _Y B	209, 200, 251
Decimal	13748475
CIE Lab	82.82, 13.11, -23.90
CIE LCh	83, 27.259, 298.748
Yxy	61.8289, 0.2848, 0.2736
Android (android.graphics.Color)	4291938555 (0xFFD1C8FB)
YUV	208.5050, 20.9500, 0.4341
Hunter-Lab	78.6314, 8.5011, -20.2163

Details

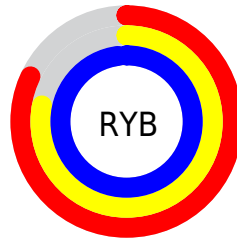
The XYZ color **64.3614, 61.8289, 99.8087** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **81.5423, 92.0432, 68.1147**, and the grayscale version is **60.1569, 63.2897, 68.9225**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **33.3429, 31.3228, 55.3275** is the 20% darker color. If you saturate the color by 10%, you get **53.5449, 48.3214, 97.7726**, and if you desaturate by 10%, it is **76.8949, 77.6412, 102.2012**.

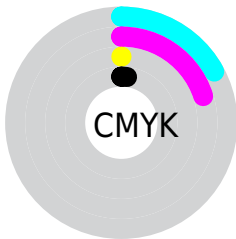
Distribution



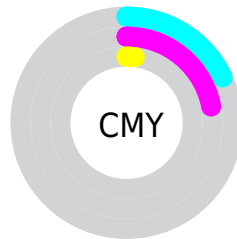
- Red (82%)
- Green (78%)
- Blue (98%)



- Red (82%)
- Yellow (78%)
- Blue (98%)



- Cyan (17%)
- Magenta (20%)
- Yellow (0%)
- Black (2%)



- Cyan (18%)
- Magenta (22%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 64.3614, 61.8289, 99.8087 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 64.3614, 61.8289, 99.8087 by changing the saturation by 10% instead.

64.3614, 61.8289,
99.8087

64.3614, 61.8289,
99.8087

430.0751,
431.3067, 580.8206

47.2062, 44.8945,
75.5248

110.2021,
107.4782, 162.9439

33.4073, 31.3743,
55.5386

139.6183,
136.9619, 202.6322

22.5994, 20.8840,
39.4316

173.8522,
171.3974, 248.2924

14.4171, 13.0393,
26.7852

213.2692,
211.1692, 300.3430

8.4949, 7.4556,
17.1810

258.2347,
256.6616, 359.2026

4.4677, 3.7486,
10.2003

309.1139,

1.9700, 1.5340,

308.2590, 425.2897

5.4246

366.2723,
366.3460, 499.0229

■ 0.6170, 0.3125,
2.4354

■ 0.0000, 0.0000,
0.8056

■ 64.3614, 61.8289,
99.8087

■ 64.3614, 61.8289,
99.8087

■ 53.5449, 48.3214,
97.7726

■ 76.8949, 77.6412,
102.2012

■ 44.3641, 37.0030,
96.0718

■ 91.2102, 95.8515,
104.9616

■ 36.7396, 27.7596,
94.6895

■ 94.4128, 99.7451,
105.5444

■ 30.5832, 20.4635,
93.6057

■ 25.7972, 14.9728,
92.7981

■ 22.2721, 11.1258,
92.2414

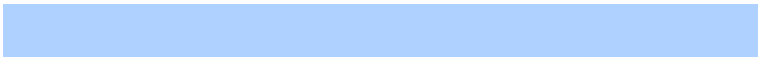
■ 19.8799, 8.7312,
91.9052

■ 18.4639, 7.5070,
91.7436

Harmonies

Analogous

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



58.5203, 61.8289, 105.0664



64.3614, 61.8289, 99.8087



68.9487, 61.8289, 85.5139

Triad

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



64.3614, 61.8289, 99.8087



64.8161, 61.8289, 43.3045



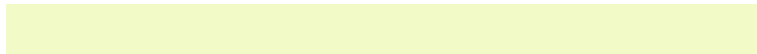
48.1934, 61.8289, 66.6176

Complementary

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



64.3614, 61.8289, 99.8087



81.5423, 92.0432, 68.1147

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.



49.6396, 61.8289, 51.9110



64.3614, 61.8289, 99.8087



59.0134, 61.8289, 39.9093

Square

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



64.3614, 61.8289, 99.8087



69.2233, 61.8289, 52.9461



53.5056, 61.8289, 42.7805



49.4197, 61.8289, 84.0877

Rectangle

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



64.3614, 61.8289, 99.8087



70.5407, 61.8289, 73.8247



53.5056, 61.8289, 42.7805



48.3813, 61.8289, 61.2113

Sweetspot

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



64.3633, 61.8314, 99.8101



85.8771, 88.3117, 107.1274



73.1351, 83.0484, 103.4431



18.1763, 18.6419, 22.8902



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.



64.3633, 61.8314, 99.8101



62.3635, 58.6367, 102.6388



72.0005, 65.7685, 100.1675



16.5685, 16.7902, 21.7529



9.7895, 3.9893, 48.2276



0.9831, 0.4089, 4.4703

Inverse Universe

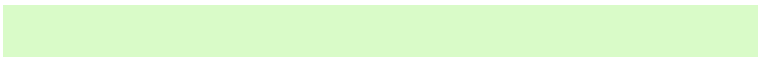
The Inverse Universe completely reimagines the original color for something new.



76.4668, 68.2311, 93.1464



76.8470, 66.2985, 94.4950



73.5397, 87.9177, 67.7402



17.8539, 17.4689, 21.0862



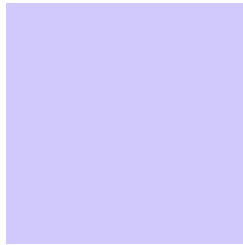
26.8623, 13.1607, 32.3132



2.5212, 1.2322, 3.1682

Previews

White Background



This preview shows how the XYZ color 64.3614, 61.8289, 99.8087 looks on a white background.

Color Contrast Check

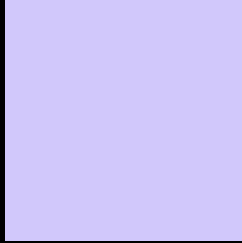
Large Text (above 18pt) WCAG AA × Fail

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 64.3614, 61.8289, 99.8087 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

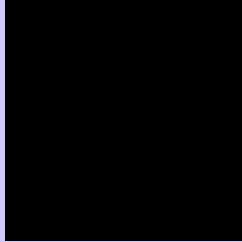
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 64.3614, 61.8289, 99.8087

Background



This preview shows how black text looks on a background with the XYZ color 64.3614, 61.8289, 99.8087.



This preview shows how white text looks on a background with the XYZ color 64.3614, 61.8289,

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

64.3614, 61.8289, 99.8087

Protanopia

61.9879, 61.9436, 102.4551

Deuteranopia

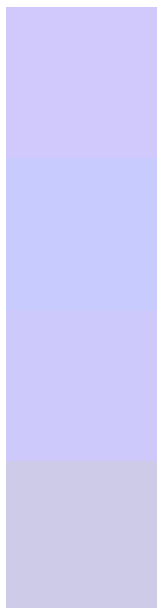
63.4350, 62.0435, 99.8990



Tritanopia

59.7843, 61.7205, 77.1689

Trichromacy



Original Color

64.3614, 61.8289, 99.8087

Protanomaly

62.9050, 62.0831, 101.5963

Deuteranomaly

63.7528, 61.8601, 99.8469

Tritanomaly

61.3750, 61.6599, 85.0107

Monochromacy



Original Color

64.3614, 61.8289, 99.8087

Achromatopsia

60.6036, 63.7597, 69.4343

Achromatomaly

61.8203, 63.0797, 79.4383

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.3614, 61.8289, 99.8087 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(209, 200, 251)` looks like.

```
.text, #text, p{  
    color:rgb(209, 200, 251)  
}
```

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(209, 200, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 200, 251) }
```

Border

The CSS property to change the border of an element to XYZ 64.3614, 61.8289, 99.8087 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(209, 200, 251) }
```


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

```
.border{ border-color:rgb(209, 200, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 200, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 200, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 200, 251);  
box-shadow:4px 4px 4px 4px rgb(209, 200,  
251) }
```

Background

The CSS property to change the background color of an element to XYZ 64.3614, 61.8289, 99.8087 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 200, 251) }
```

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

```
.background{ background-color: rgb(209,  
200, 251) }
```

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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