

Converting Colors

XYZ(64.8450, 63.9722, 81.5670)

Have a look what the booklet for
XYZ(64.8450, 63.9722, 81.5670)
contains.

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Color

**XYZ(64.6714, 63.7919,
81.5776)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | DBCCE3 |
| RGB | 219, 204, 227 |
| RGB Percent | 86%, 80%, 89% |
| CMY | 0.1412, 0.2000, 0.1098 |
| CMYK | 0.04, 0.10, 0.00, 0.11 |
| HSL | 279°, 29%, 85% |
| HSV | 279°, 10%, 89% |
| XYZ | 64.6714, 63.7919, 81.5776 |
| YIQ | 211.1070, 1.5570, 10.3330 |

Conversions

Conversions Part 2

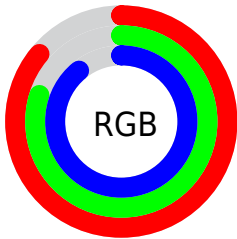
| Format | Color |
|-------------------------------------|-----------------------------|
| R _Y B | 219, 204, 227 |
| Decimal | 14404835 |
| CIE Lab | 83.86, 9.35, -9.48 |
| CIE LCh | 84, 13.318, 314.609 |
| Yxy | 63.7919, 0.3079, 0.3037 |
| Android (android.graphics.Color) | 4292594915 (0xFFDBCCE3) |
| YUV | 211.1070, 7.8352, 6.9222 |
| Hunter-Lab | 79.8698, 4.7610, -4.6489 |

Details

The XYZ color **64.6714, 63.7919, 81.5776** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **65.5220, 73.2966, 67.8243**, and the grayscale version is **61.9383, 65.1640, 70.9635**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **33.6626, 32.6838, 43.5641** is the 20% darker color. If you saturate the color by 10%, you get **57.3452, 52.5824, 79.8010**, and if you desaturate by 10%, it is **72.9004, 76.6376, 83.6243**.

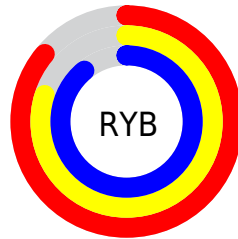
Distribution



Red (86%)

Green (80%)

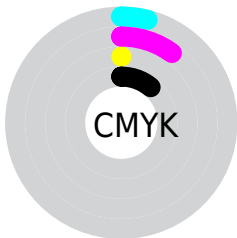
Blue (89%)



Red (86%)

Yellow (80%)

Blue (89%)

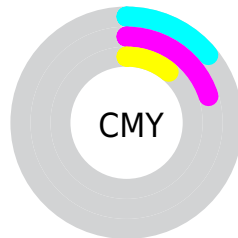


Cyan (4%)

Magenta (10%)

Yellow (0%)

Black (11%)



Cyan (14%)

Magenta (20%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 64.6714, 63.7919, 81.5776 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 64.6714, 63.7919, 81.5776 by changing the saturation by 10% instead.

■ 64.6714, 63.7919,
81.5776

■ 64.6714, 63.7919,
81.5776

431.1741,
438.4378, 520.0800

■ 47.4584, 46.4821,
60.4836

110.6456,
110.3112, 137.4129

■ 33.6076, 32.6265,
43.3807

140.1376,
140.2895, 172.9912

■ 22.7538, 21.8404,
29.8503

174.4532,
175.2595, 214.2348

■ 14.5315, 13.7397,
19.4739

213.9579,
215.6055, 261.5622

■ 8.5754, 7.9399,
11.8330

259.0169,
261.7119, 315.3918

■ 4.5202, 4.0565,
6.5089

309.9958,

■ 2.0004, 1.7052,

313.9632, 376.1423

3.0832

367.2597,
372.7437, 444.2322

■ 0.6342, 0.4270,
1.1373

■ 0.0000, 0.0000,
0.0000

■ 64.6714, 63.7919,
81.5776

■ 64.6714, 63.7919,
81.5776

■ 57.3452, 52.5824,
79.8010

■ 72.9004, 76.6376,
83.6243

■ 50.8808, 42.9324,
78.2791

■ 82.0599, 91.1758,
85.9477

■ 45.2421, 34.7712,
77.0010

■ 86.4814, 96.0661,
86.6586

■ 40.3882, 28.0191,
75.9536

■ 89.2612, 97.4991,
86.7887

■ 36.2743, 22.5893,
75.1223

■ 90.8653, 98.3261,
86.8638

■ 32.8506, 18.3844,
74.4912

■ 30.0604, 15.2939,
74.0417

■ 27.8366, 13.1861,
73.7521

■ 26.0838, 11.8450,
73.5856

Harmonies

Analogous

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



62.0630, 63.7919, 86.2533



64.6714, 63.7919, 81.5776



66.2223, 63.7919, 73.8251

Triad

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



64.6714, 63.7919, 81.5776



62.1384, 63.7919, 55.0477



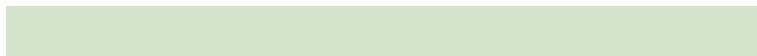
55.3473, 63.7919, 73.6040

Complementary

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



64.6714, 63.7919, 81.5776



65.5220, 73.2966, 67.8243

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.



55.3661, 63.7919, 65.2677



64.6714, 63.7919, 81.5776



59.2237, 63.7919, 54.9990

Square

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



64.6714, 63.7919, 81.5776



64.7281, 63.7919, 58.7424



56.7650, 63.7919, 58.6034



56.7130, 63.7919, 81.4046

Rectangle

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



64.6714, 63.7919, 81.5776



66.4173, 63.7919, 68.1713



56.7650, 63.7919, 58.6034



55.1934, 63.7919, 70.7619

Sweetspot

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



64.6733, 63.7946, 81.5790



91.6856, 94.7145, 108.0571



62.3255, 65.4981, 82.0315



19.4360, 19.9777, 23.0816



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.



64.6733, 63.7946, 81.5790



82.2448, 80.0432, 105.7229



66.6669, 64.8769, 79.2116



14.4829, 14.3512, 18.1511



15.3424, 6.9752, 42.9209



1.2330, 0.5666, 3.1763

Inverse Universe

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



65.1574, 64.2731, 71.2625



83.0052, 80.7873, 89.8501



63.6909, 72.3043, 69.9226



14.5830, 14.4504, 16.0043



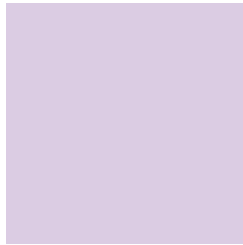
19.3472, 9.8731, 5.4573



1.4723, 0.7466, 0.6278

Previews

White Background



This preview shows how the XYZ color 64.6714, 63.7919, 81.5776 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 64.6714, 63.7919, 81.5776 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 64.6714, 63.7919, 81.5776

Background



This preview shows how black text looks on a background with the XYZ color 64.6714, 63.7919, 81.5776.



This preview shows how white text looks on a background with the XYZ color 64.6714, 63.7919,

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

64.6714, 63.7919, 81.5776

Protanopia

62.4309, 64.0343, 83.1981

Deuteranopia

65.0399, 63.6301, 81.5269



Tritanopia

63.7959, 63.7885, 77.3566

Trichromacy



Original Color

64.6714, 63.7919, 81.5776

Protanomaly

63.1804, 64.0760, 82.4367

Deuteranomaly

64.7363, 63.4736, 81.5127

Tritanomaly

64.0640, 63.8958, 78.7686

Monochromacy



Original Color

64.6714, 63.7919, 81.5776

Achromatopsia

61.9161, 65.1406, 70.9381

Achromatomaly

62.8118, 64.4176, 74.7690

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.6714, 63.7919, 81.5776 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(219, 204, 227) looks like.

```
.text, #text, p{  
    color:rgb(219, 204, 227)  
}
```

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(219, 204, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 204, 227) }
```

Border

The CSS property to change the border of an element to XYZ 64.6714, 63.7919, 81.5776 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(219, 204, 227) }
```


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

```
.border{ border-color:rgb(219, 204, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 204, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 204, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 204, 227);  
box-shadow:4px 4px 4px 4px rgb(219, 204,  
227) }
```

Background

The CSS property to change the background color of an element to XYZ 64.6714, 63.7919, 81.5776 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 204, 227) }
```

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

```
.background{ background-color: rgb(219,  
204, 227) }
```

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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