

Converting Colors

XYZ(65.0697, 65.1977, 81.3376)

Have a look what the booklet for
XYZ(65.0697, 65.1977, 81.3376)
contains.

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Color

**XYZ(64.9537, 65.0221,
81.0786)**

Conversions

Conversions Part 1

Format	Color
Hex	DACFE2
RGB	218, 207, 226
RGB Percent	85%, 81%, 89%
CMY	0.1451, 0.1882, 0.1137
CMYK	0.04, 0.08, 0.00, 0.11
HSL	275°, 25%, 85%
HSV	275°, 8%, 89%
XYZ	64.9537, 65.0221, 81.0786
YIQ	212.4550, 0.4570, 8.2410

Conversions

Conversions Part 2

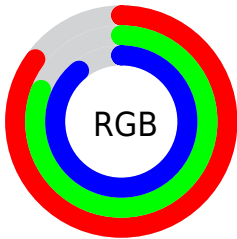
Format	Color
R _Y B	218, 207, 226
Decimal	14340066
CIE Lab	84.50, 7.24, -8.01
CIE LCh	84, 10.799, 312.118
Yxy	65.0221, 0.3078, 0.3081
Android (android.graphics.Color)	4292530146 (0xFFDACFE2)
YUV	212.4550, 6.6777, 4.8630
Hunter-Lab	80.6363, 2.6709, -3.1698

Details

The XYZ color **64.9537, 65.0221, 81.0786** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **66.4857, 73.3466, 69.6880**, and the grayscale version is **62.8404, 66.1130, 71.9971**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **33.8462, 33.5093, 43.2121** is the 20% darker color. If you saturate the color by 10%, you get **57.1010, 53.4207, 79.2542**, and if you desaturate by 10%, it is **73.7573, 78.2807, 83.1748**.

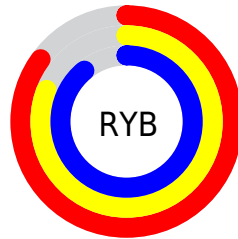
Distribution



Red (85%)

Green (81%)

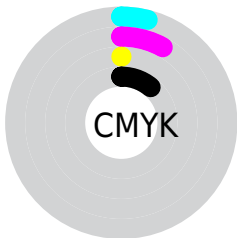
Blue (89%)



Red (85%)

Yellow (81%)

Blue (89%)

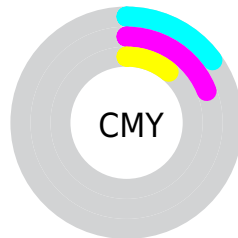


Cyan (4%)

Magenta (8%)

Yellow (0%)

Black (11%)



Cyan (15%)

Magenta (19%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 64.9537, 65.0221, 81.0786 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 64.9537, 65.0221, 81.0786 by changing the saturation by 10% instead.

■ 64.9537, 65.0221,
81.0786

■ 64.9537, 65.0221,
81.0786

432.1734,
442.8714, 518.3627

■ 47.6881, 47.4790,
60.0750

111.0494,
112.0816, 136.7062

■ 33.7902, 33.4145,
43.0534

140.6101,
142.3669, 172.1672

■ 22.8946, 22.4442,
29.5953

175.0000,
177.6682, 213.2845

■ 14.6359, 14.1836,
19.2822

214.5844,
218.3702, 260.4764

■ 8.6489, 8.2485,
11.6955

259.7285,
264.8571, 314.1617

■ 4.5682, 4.2544,
6.4167

310.7978,

■ 2.0283, 1.8168,

317.5133, 374.7588

3.0272

368.1577,
376.7233, 442.6863

■ 0.6498, 0.4976,
1.1085

■ 0.0000, 0.0000,
0.0000

■ 64.9537, 65.0221,
81.0786

■ 64.9537, 65.0221,
81.0786

■ 57.1010, 53.4207,
79.2542

■ 73.7573, 78.2807,
83.1748

■ 50.1578, 43.4005,
77.6860

■ 83.5400, 93.2519,
85.5489

■ 44.0876, 34.8919,
76.3636

■ 87.6885, 96.7043,
85.9966

■ 38.8492, 27.8167,
75.2741

■ 90.7277, 98.2711,
86.1388

■ 34.3977, 22.0894,
74.4032

■ 30.6835, 17.6153,
73.7354

■ 27.6504, 14.2868,
73.2528

■ 25.2328, 11.9773,
72.9344

■ 23.3360, 10.5024,
72.7497

Harmonies

Analogous

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



62.7770, 65.0221, 84.5459



64.9537, 65.0221, 81.0786



66.3058, 65.0221, 74.9412

Triad

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



64.9537, 65.0221, 81.0786



63.2318, 65.0221, 58.9320



57.3915, 65.0221, 73.6135

Complementary

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



64.9537, 65.0221, 81.0786



66.4857, 73.3466, 69.6880

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.



57.5060, 65.0221, 66.8104



64.9537, 65.0221, 81.0786



60.8363, 65.0221, 58.6276

Square

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



64.9537, 65.0221, 81.0786



65.2941, 65.0221, 62.2857



58.7531, 65.0221, 61.4254



58.4359, 65.0221, 80.0525

Rectangle

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



64.9537, 65.0221, 81.0786



66.5368, 65.0221, 70.3099



58.7531, 65.0221, 61.4254



57.2965, 65.0221, 71.2883

Sweetspot

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



64.9556, 65.0249, 81.0800



91.4825, 94.6099, 108.0476



63.8220, 67.4788, 81.6134



19.3812, 19.9494, 23.0791



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.



64.9556, 65.0249, 81.0800



83.6067, 82.8155, 106.1862



67.2330, 66.2189, 80.2827



13.7082, 13.6331, 17.2966



13.2941, 5.9487, 41.4959



1.0230, 0.4647, 2.8810

Inverse Universe

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



65.9450, 65.7037, 73.4999



85.1616, 83.8812, 94.3265



64.3489, 72.2271, 70.3995



13.9455, 13.7958, 15.4833



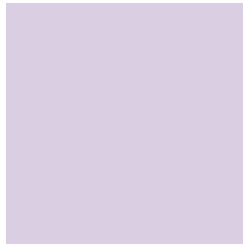
19.1326, 9.7200, 7.3638



1.3702, 0.6913, 0.7421

Previews

White Background



This preview shows how the XYZ color 64.9537, 65.0221, 81.0786 looks on a white background.

Color Contrast Check

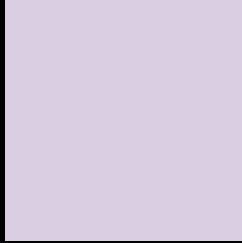
Large Text (above 18pt) WCAG AA × Fail

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 64.9537, 65.0221, 81.0786 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

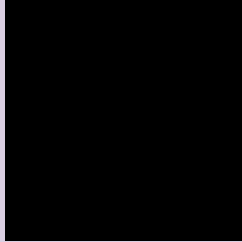
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 64.9537, 65.0221, 81.0786

Background



This preview shows how black text looks on a background with the XYZ color 64.9537, 65.0221, 81.0786.



This preview shows how white text looks on a background with the XYZ color 64.9537, 65.0221,

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

64.9537, 65.0221, 81.0786

Protanopia

63.6285, 65.3963, 82.6679

Deuteranopia

66.2993, 65.0009, 81.0036



Tritanopia

64.6808, 64.9129, 79.6414

Trichromacy



Original Color

64.9537, 65.0221, 81.0786

Protanomaly

64.1062, 65.2931, 81.8971

Deuteranomaly

65.9230, 65.1632, 81.0547

Tritanomaly

64.8169, 64.9673, 80.3579

Monochromacy



Original Color

64.9537, 65.0221, 81.0786

Achromatopsia

62.5785, 65.8375, 71.6970

Achromatomaly

63.3025, 65.3991, 74.9325

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.9537, 65.0221, 81.0786 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(218, 207, 226) looks like.

```
.text, #text, p{  
    color:rgb(218, 207, 226)  
}
```

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(218, 207, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 207, 226) }
```

Border

The CSS property to change the border of an element to XYZ 64.9537, 65.0221, 81.0786 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(218, 207, 226) }
```


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

```
.border{ border-color:rgb(218, 207, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 207, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 207, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 207, 226);  
box-shadow:4px 4px 4px 4px rgb(218, 207,  
226) }
```

Background

The CSS property to change the background color of an element to XYZ 64.9537, 65.0221, 81.0786 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 207, 226) }
```

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

```
.background{ background-color: rgb(218,  
207, 226) }
```

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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