

Converting Colors

XYZ(81.1712, 75.5320,
104.9087)

Have a look what the booklet for
XYZ(81.1712, 75.5320, 104.9087)
contains.

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Color

**XYZ(81.1635, 75.4529,
104.8938)**

Conversions

Conversions Part 1

Format	Color
Hex	F9D6FF
RGB	249, 214, 255
RGB Percent	98%, 84%, 100%
CMY	0.0235, 0.1608, 0.0000
CMYK	0.02, 0.16, 0.00, 0.00
HSL	291°, 100%, 92%
HSV	291°, 16%, 100%
XYZ	81.1635, 75.4529, 104.8938
YIQ	229.1390, 7.6990, 20.1710

Conversions

Conversions Part 2

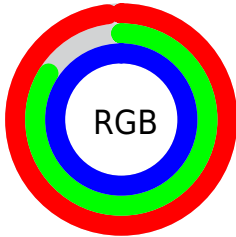
Format	Color
R _Y B	249, 214, 255
Decimal	16373503
CIE Lab	89.60, 19.17, -15.45
CIE LCh	90, 24.621, 321.133
Yxy	75.4529, 0.3104, 0.2885
Android (android.graphics.Color)	4294563583 (0xFFFF9D6FF)
YUV	229.1390, 12.7495, 17.4181
Hunter-Lab	86.8636, 14.7752, -10.7922

Details

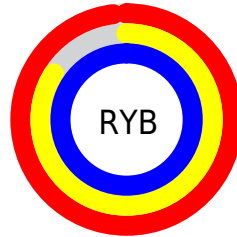
The XYZ color **81.1635, 75.4529, 104.8938** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **77.4147, 91.5916, 77.2209**, and the grayscale version is **74.4855, 78.3645, 85.3390**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **44.3294, 40.0800, 58.8259** is the 20% darker color. If you saturate the color by 10%, you get **73.8921, 62.8641, 102.8472**, and if you desaturate by 10%, it is **89.4756, 90.0821, 107.2794**.

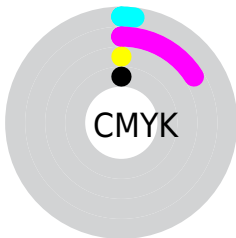
Distribution



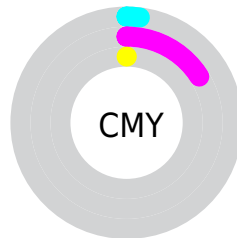
- Red (98%)
- Green (84%)
- Blue (100%)



- Red (98%)
- Yellow (84%)
- Blue (100%)



- Cyan (2%)
- Magenta (16%)
- Yellow (0%)
- Black (0%)



- Cyan (2%)
- Magenta (16%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 81.1635, 75.4529, 104.8938 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 81.1635, 75.4529, 104.8938 by changing the saturation by 10% instead.

81.1635, 75.4529,
104.8938

81.1635, 75.4529,
104.8938

487.5223,
479.4728, 597.1514

60.9880, 55.9840,
79.7542

133.9423,
126.9533, 169.9766

44.4680, 40.1901,
58.9912

167.2763,
159.7535, 210.7569

31.2381, 27.6868,
42.1860

205.7272,
197.7663, 257.5879

20.9329, 18.0897,
28.9203

249.6603,
241.3761, 310.8880

13.1872, 11.0144,
18.7755

299.4410,
290.9673, 371.0759

7.6354, 6.0765,
11.3330

355.4347,

3.9124, 2.8917,

346.9242, 438.5701

6.1743

418.0067,
409.6312, 513.7891

■ 1.6527, 1.0754,
2.8809

■ 0.4264, 0.0000,
1.0341

■ 81.1635, 75.4529,
104.8938

■ 81.1635, 75.4529,
104.8938

■ 73.8921, 62.8641,
102.8472

■ 89.4756, 90.0821,
107.2794

■ 67.6083, 52.2123,
101.1224

95.0500, 100.0000,
108.9000

■ 62.2633, 43.3994,
99.7030

■ 57.8019, 36.3151,
98.5708

■ 54.1627, 30.8369,
97.7052

■ 51.2763, 26.8265,
97.0832

■ 49.0617, 24.1216,
96.6778

■ 47.4180, 22.5210,
96.4555

■ 46.8705, 22.0775,
96.3988

Harmonies

Analogous

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



75.9938, 75.4529, 117.3276



81.1635, 75.4529, 104.8938



83.8393, 75.4529, 87.4001

Triad

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



81.1635, 75.4529, 104.8938



73.5244, 75.4529, 53.4293



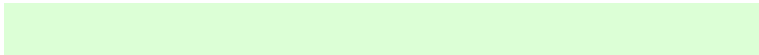
61.3996, 75.4529, 94.7669

Complementary

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



81.1635, 75.4529, 104.8938



77.4147, 91.5916, 77.2209

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.



60.8211, 75.4529, 77.1247



81.1635, 75.4529, 104.8938



67.6013, 75.4529, 54.8249

Square

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



81.1635, 75.4529, 104.8938



79.2688, 75.4529, 58.8421



63.0311, 75.4529, 62.9662



64.6583, 75.4529, 110.9329

Rectangle

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



81.1635, 75.4529, 104.8938



83.7506, 75.4529, 75.8865



63.0311, 75.4529, 62.9662



60.8928, 75.4529, 88.7604

Sweetspot

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



81.1656, 75.4561, 104.8943



90.4336, 91.7811, 107.5569



71.4171, 72.7847, 104.8925



19.2223, 19.4069, 22.9827



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.



81.1656, 75.4561, 104.8943



78.9338, 71.5681, 104.2615



81.1132, 75.6861, 93.2805



18.5161, 18.1578, 22.7788



24.5904, 11.5873, 50.3751



2.4624, 1.1633, 4.9080

Inverse Universe

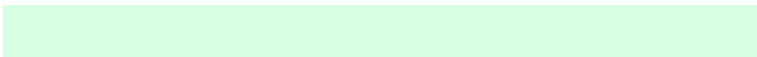
The Inverse Universe completely reimagines the original color for something new.



78.2068, 74.5235, 77.9754



75.5355, 70.5045, 73.0045



77.5460, 91.4381, 87.2187



18.1176, 18.0304, 19.2367



21.7582, 11.1926, 2.1112



2.1492, 1.1021, 0.3673

Previews

White Background



This preview shows how the XYZ color 81.1635, 75.4529, 104.8938 looks on a white background.

Color Contrast Check

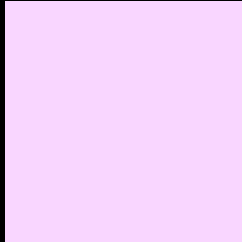
Large Text (above 18pt) WCAG AA × Fail

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 81.1635, 75.4529, 104.8938 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

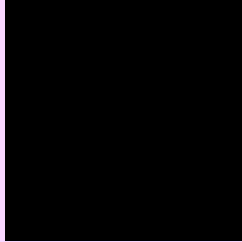
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 81.1635, 75.4529, 104.8938

Background



This preview shows how black text looks on a background with the XYZ color 81.1635, 75.4529, 104.8938.



This preview shows how white text looks on a background with the XYZ color 81.1635, 75.4529,

104.8938.

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

81.1635, 75.4529, 104.8938

Protanopia

74.2209, 75.7470, 105.3165

Deuteranopia

77.4143, 75.8346, 104.3233



Tritanopia

78.0728, 75.7338, 89.1005

Trichromacy



Original Color

81.1635, 75.4529, 104.8938

Protanomaly

76.5982, 75.3953, 105.1233

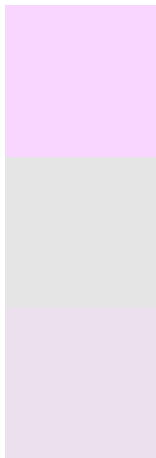
Deuteranomaly

78.5574, 75.6493, 104.2273

Tritanomaly

79.1976, 75.8107, 94.4632

Monochromacy



Original Color

81.1635, 75.4529, 104.8938

Achromatopsia

74.4753, 78.3538, 85.3273

Achromatomaly

76.6803, 77.3172, 91.7711

CSS Examples

Text

The CSS property to change the color of the text to XYZ 81.1635, 75.4529, 104.8938 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(249, 214, 255)` looks like.

```
.text, #text, p{  
    color:rgb(249, 214, 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(249, 214, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 214, 255) }
```

Border

The CSS property to change the border of an element to XYZ 81.1635, 75.4529, 104.8938 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(249, 214, 255) }
```


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

```
.border{ border-color:rgb(249, 214, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 214, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 214, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 214, 255);  
box-shadow:4px 4px 4px 4px rgb(249, 214,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 81.1635, 75.4529, 104.8938 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 214, 255) }
```

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

```
.background{ background-color: rgb(249,  
214, 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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