

Converting Colors

XYZ(171.7218, 121.5895,
103.9069)

Have a look what the booklet for
XYZ(171.7218, 121.5895, 103.9069)
contains.

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Color

**XYZ(81.8824, 75.1865,
99.8193)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD4F9
RGB	255, 212, 249
RGB Percent	100%, 83%, 98%
CMY	0.0000, 0.1686, 0.0235
CMYK	0.00, 0.17, 0.02, 0.00
HSL	308°, 100%, 92%
HSV	308°, 17%, 100%
XYZ	81.8824, 75.1865, 99.8193
YIQ	229.0750, 13.7510, 20.6230

Conversions

Conversions Part 2

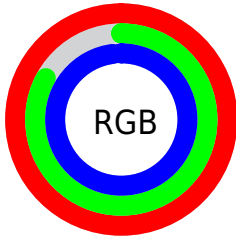
Format	Color
R _Y B	255, 212, 249
Decimal	16766201
CIE Lab	89.48, 21.10, -12.43
CIE LCh	89, 24.490, 329.509
Yxy	75.1865, 0.3187, 0.2927
Android (android.graphics.Color)	4294956281 (0xFFFFD4F9)
YUV	229.0750, 9.8230, 22.7362
Hunter-Lab	86.7101, 16.8189, -7.5566

Details

The XYZ color **81.8824, 75.1865, 99.8193** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **75.5685, 90.5801, 79.8335**, and the grayscale version is **74.4558, 78.3333, 85.3050**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **44.9713, 39.9700, 55.7968** is the 20% darker color. If you saturate the color by 10%, you get **75.4549, 63.2110, 94.9656**, and if you desaturate by 10%, it is **89.3303, 89.1854, 105.0670**.

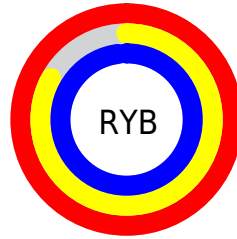
Distribution



Red (100%)

Green (83%)

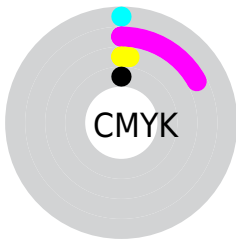
Blue (98%)



Red (100%)

Yellow (83%)

Blue (98%)

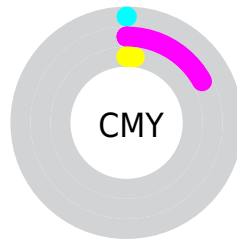


Cyan (0%)

Magenta (17%)

Yellow (2%)

Black (0%)



Cyan (0%)

Magenta (17%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 81.8824, 75.1865, 99.8193 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 81.8824, 75.1865, 99.8193 by changing the saturation by 10% instead.

81.8824, 75.1865,
99.8193

81.8824, 75.1865,
99.8193

489.8947,
478.5583, 580.8549

61.5824, 55.7657,
75.5336

134.9458,
126.5763, 162.9585

44.9497, 40.0151,
55.5458

168.4398,
159.3141, 202.6492

31.6189, 27.5503,
39.4373

207.0626,
197.2597, 248.3118

21.2247, 17.9870,
26.7897

251.1794,
240.7975, 300.3651

13.4017, 10.9406,
17.1843

301.1557,
290.3119, 359.2275

7.7847, 6.0269,
10.2026

357.3568,

4.0081, 2.8615,

346.1872, 425.3176

5.4261

420.1480,
408.8079, 499.0539

■ 1.7067, 1.0598,
2.4363

■ 0.4605, 0.0000,
0.8061

■ 81.8824, 75.1865,
99.8193

■ 81.8824, 75.1865,
99.8193

■ 75.4549, 63.2110,
94.9656

■ 89.3303, 89.1854,
105.0670

■ 69.9957, 53.1557,
90.4853

95.0500, 100.0000,
108.9000

■ 65.4555, 44.9217,
86.3626

■ 61.7787, 38.3980,
82.5786

■ 58.9035, 33.4610,
79.1126

■ 56.7599, 29.9708,
75.9408

■ 55.2656, 27.7631,
73.0357

■ 54.3167, 26.6297,
70.3621

■ 54.0818, 26.3967,
69.5540

Harmonies

Analogous

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



77.3027, 75.1865, 114.1524



81.8824, 75.1865, 99.8193



83.6431, 75.1865, 82.1493

Triad

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



81.8824, 75.1865, 99.8193



71.5616, 75.1865, 53.0476



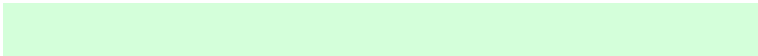
61.8763, 75.1865, 99.2595

Complementary

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



81.8824, 75.1865, 99.8193



75.5685, 90.5801, 79.8335

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.



60.5259, 75.1865, 81.5819



81.8824, 75.1865, 99.8193



65.9241, 75.1865, 56.3244

Square

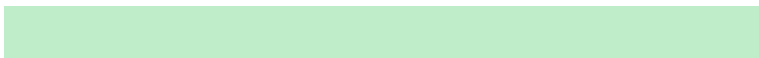
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



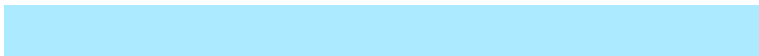
81.8824, 75.1865, 99.8193



77.4836, 75.1865, 56.5458



61.9664, 75.1865, 66.2046



65.7617, 75.1865, 113.7987

Rectangle

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



81.8824, 75.1865, 99.8193



82.9095, 75.1865, 71.3102



61.9664, 75.1865, 66.2046



61.1209, 75.1865, 93.4138

Sweetspot

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



81.8840, 75.1895, 99.8209



90.8315, 92.0191, 106.0874



70.4301, 69.1749, 104.2478



19.3194, 19.4650, 22.6242



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.



81.8840, 75.1895, 99.8209



79.7582, 71.2159, 98.2552



78.7566, 73.9385, 83.3523



18.6772, 18.2542, 22.1835



28.3009, 13.8097, 36.5646



2.7843, 1.3561, 3.7113

Inverse Universe

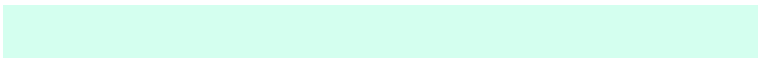
The Inverse Universe completely reimagines the original color for something new.



81.8840, 75.1895, 99.8209



79.7582, 71.2159, 98.2552



78.5278, 91.7638, 95.4172



18.6772, 18.2542, 22.1835



28.3009, 13.8097, 36.5646



2.7843, 1.3561, 3.7113

Previews

White Background



This preview shows how the XYZ color 81.8824, 75.1865, 99.8193 looks on a white background.

Color Contrast Check

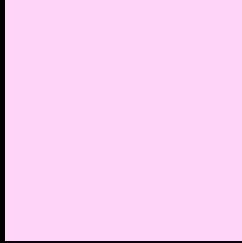
Large Text (above 18pt) WCAG AA × Fail

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 81.8824, 75.1865, 99.8193 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

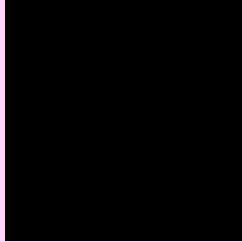
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 81.8824, 75.1865, 99.8193

Background



This preview shows how black text looks on a background with the XYZ color 81.8824, 75.1865, 99.8193.



This preview shows how white text looks on a background with the XYZ color 81.8824, 75.1865,

99.8193.

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

81.8824, 75.1865, 99.8193

Protanopia

73.9529, 75.2110, 105.2272

Deuteranopia

77.1998, 75.4449, 99.3004



Tritanopia

79.3739, 75.3097, 86.6967

Trichromacy



Original Color

81.8824, 75.1865, 99.8193

Protanomaly

76.6654, 75.0785, 103.3794

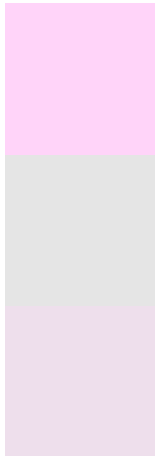
Deuteranomaly

78.8074, 75.1221, 99.1534

Tritanomaly

80.3522, 75.3370, 91.1954

Monochromacy



Original Color

81.8824, 75.1865, 99.8193

Achromatopsia

74.4753, 78.3538, 85.3273

Achromatomaly

76.7879, 77.0086, 90.1739

CSS Examples

Text

The CSS property to change the color of the text to XYZ 81.8824, 75.1865, 99.8193 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(255, 212, 249)` looks like.

```
.text, #text, p{  
    color:rgb(255, 212, 249)  
}
```

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(255, 212, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 212, 249) }
```

Border

The CSS property to change the border of an element to XYZ 81.8824, 75.1865, 99.8193 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(255, 212, 249) }
```


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

```
.border{ border-color:rgb(255, 212, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 212, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 212, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 212, 249);  
box-shadow:4px 4px 4px 4px rgb(255, 212,  
249) }
```

Background

The CSS property to change the background color of an element to XYZ 81.8824, 75.1865, 99.8193 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 212, 249) }
```

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

```
.background{ background-color: rgb(255,  
212, 249) }
```

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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