

Converting Colors

XYZ(81.2805, 73.8504,
104.5784)

Have a look what the booklet for
XYZ(81.2805, 73.8504, 104.5784)
contains.

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Color

**XYZ(81.2415, 74.0086,
104.6109)**

Conversions

Conversions Part 1

Format	Color
Hex	FCD2FF
RGB	252, 210, 255
RGB Percent	99%, 82%, 100%
CMY	0.0118, 0.1764, 0.0000
CMYK	0.01, 0.18, 0.00, 0.00
HSL	296°, 100%, 91%
HSV	296°, 18%, 100%
XYZ	81.2415, 74.0086, 104.6109
YIQ	227.6880, 10.5870, 22.8990

Conversions

Conversions Part 2

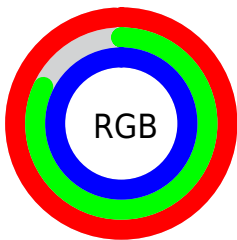
Format	Color
R _Y B	252, 210, 255
Decimal	16569087
CIE Lab	88.93, 22.25, -16.44
CIE LCh	89, 27.662, 323.532
Yxy	74.0086, 0.3126, 0.2848
Android (android.graphics.Color)	4294759167 (0xFFFCD2FF)
YUV	227.6880, 13.4648, 21.3216
Hunter-Lab	86.0283, 18.0185, -11.8772

Details

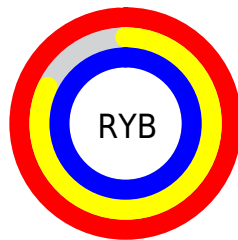
The XYZ color **81.2415, 74.0086, 104.6109** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **74.8352, 90.3201, 74.4657**, and the grayscale version is **73.4161, 77.2394, 84.1137**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **44.4201, 39.1220, 58.6362** is the 20% darker color. If you saturate the color by 10%, you get **74.8286, 62.0914, 102.6487**, and if you desaturate by 10%, it is **88.6670, 87.9410, 106.9088**.

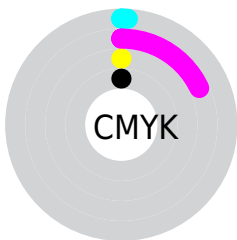
Distribution



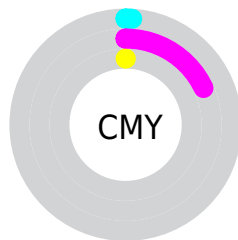
- Red (99%)
- Green (82%)
- Blue (100%)



- Red (99%)
- Yellow (82%)
- Blue (100%)



- Cyan (1%)
- Magenta (18%)
- Yellow (0%)
- Black (0%)



- Cyan (1%)
- Magenta (18%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 81.2415, 74.0086, 104.6109 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 81.2415, 74.0086, 104.6109 by changing the saturation by 10% instead.

81.2415, 74.0086,
104.6109

81.2415, 74.0086,
104.6109

487.7800,
474.5031, 596.2491

61.0525, 54.8011,
79.5186

134.0512,
124.9080, 169.5862

44.5202, 39.2425,
58.7984

167.4026,
157.3687, 210.3064

31.2794, 26.9484,
42.0319

205.8722,
195.0158, 257.0728

20.9645, 17.5345,
28.8005

249.8253,
238.2339, 310.3041

13.2104, 10.6163,
18.6857

299.6272,
287.4073, 370.4189

7.6516, 5.8095,
11.2689

355.6435,

3.9227, 2.7296,

342.9203, 437.8356

6.1316

418.2393,
405.1574, 512.9728

■ 1.6585, 0.9922,
2.8552

■ 0.4301, 0.0000,
1.0212

■ 81.2415, 74.0086,
104.6109

■ 81.2415, 74.0086,
104.6109

■ 74.8286, 62.0914,
102.6487

■ 88.6670, 87.9410,
106.9088

■ 69.3749, 52.0852,
101.0047

95.0500, 100.0000,
108.9000

■ 64.8310, 43.8906,
99.6625

■ 61.1410, 37.3957,
98.6034

■ 58.2427, 32.4760,
97.8065

■ 56.0652, 28.9899,
97.2484

■ 54.5251, 26.7707,
96.9012

■ 53.5125, 25.5984,
96.7283

■ 53.3128, 25.3986,
96.7003

Harmonies

Analogous

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



75.6231, 74.0086, 119.4465



81.2415, 74.0086, 104.6109



83.9630, 74.0086, 84.8190

Triad

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



81.2415, 74.0086, 104.6109



71.8070, 74.0086, 49.1512



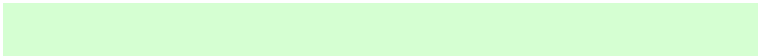
59.1605, 74.0086, 96.2606

Complementary

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



81.2415, 74.0086, 104.6109



74.8352, 90.3201, 74.4657

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.



58.2817, 74.0086, 76.4900



81.2415, 74.0086, 104.6109



65.3145, 74.0086, 51.2213

Square

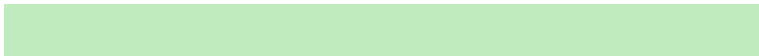
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



81.2415, 74.0086, 104.6109



78.2968, 74.0086, 54.3618



60.4655, 74.0086, 60.5482



62.9469, 74.0086, 114.1144

Rectangle

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



81.2415, 74.0086, 104.6109



83.6526, 74.0086, 72.2393



60.4655, 74.0086, 60.5482



58.5257, 74.0086, 89.5452

Sweetspot

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



81.2435, 74.0117, 104.6114



90.8047, 91.9724, 107.5743



68.4255, 68.5136, 104.2258



19.3128, 19.4535, 22.9870



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.



81.2435, 74.0117, 104.6114



78.9811, 69.7929, 103.9164



79.3561, 73.3832, 88.9602



18.6661, 18.2351, 22.7859



27.9080, 13.2976, 50.5304



2.7519, 1.3126, 4.9216

Inverse Universe

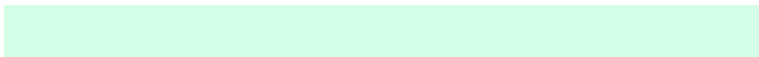
The Inverse Universe completely reimagines the original color for something new.



76.2987, 72.1602, 72.8602



73.2533, 67.6521, 66.9664



76.5532, 90.9077, 88.0098



18.0585, 18.0067, 18.9250



21.6198, 11.1372, 1.3824



2.1214, 1.0909, 0.2207

Previews

White Background



This preview shows how the XYZ color 81.2415, 74.0086, 104.6109 looks on a white background.

Color Contrast Check

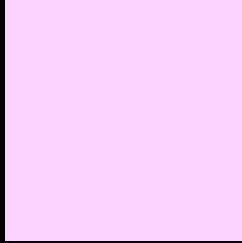
Large Text (above 18pt) WCAG AA × Fail

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 81.2415, 74.0086, 104.6109 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

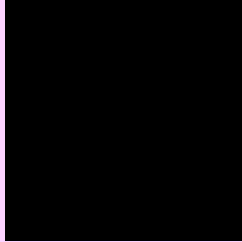
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 81.2415, 74.0086, 104.6109

Background



This preview shows how black text looks on a background with the XYZ color 81.2415, 74.0086, 104.6109.



This preview shows how white text looks on a background with the XYZ color 81.2415, 74.0086,

104.6109.

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

81.2415, 74.0086, 104.6109

Protanopia

72.7865, 74.2143, 105.0963

Deuteranopia

75.7560, 74.2236, 103.2623



Tritanopia

77.5373, 74.0024, 85.7985

Trichromacy



Original Color

81.2415, 74.0086, 104.6109

Protanomaly

75.7545, 74.1858, 104.9343

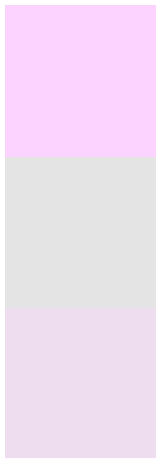
Deuteranomaly

77.7864, 74.1074, 103.9703

Tritanomaly

78.9468, 74.2038, 92.5999

Monochromacy



Original Color

81.2415, 74.0086, 104.6109

Achromatopsia

73.7419, 77.5822, 84.4870

Achromatomaly

76.2141, 75.8905, 91.5203

CSS Examples

Text

The CSS property to change the color of the text to XYZ 81.2415, 74.0086, 104.6109 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(252, 210, 255)` looks like.

```
.text, #text, p{  
    color:rgb(252, 210, 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(252, 210, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 210, 255) }
```

Border

The CSS property to change the border of an element to XYZ 81.2415, 74.0086, 104.6109 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(252, 210, 255) }
```


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

```
.border{ border-color:rgb(252, 210, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 210, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 210, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 210, 255);  
box-shadow:4px 4px 4px 4px rgb(252, 210,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 81.2415, 74.0086, 104.6109 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 210, 255) }
```

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

```
.background{ background-color: rgb(252,  
210, 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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