

Converting Colors

XYZ(81.5419, 74.2553,
100.4775)

Have a look what the booklet for
XYZ(81.5419, 74.2553, 100.4775)
contains.

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Color

**XYZ(81.5419, 74.2553,
100.4775)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD2FA
RGB	255, 210, 250
RGB Percent	100%, 82%, 98%
CMY	0.0000, 0.1764, 0.0196
CMYK	0.00, 0.18, 0.02, 0.00
HSL	307°, 100%, 91%
HSV	307°, 18%, 100%
XYZ	81.5419, 74.2553, 100.4775
YIQ	228.0150, 13.9800, 21.9800

Conversions

Conversions Part 2

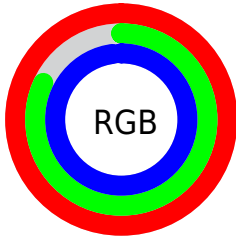
Format	Color
R _Y B	255, 210, 250
Decimal	16765690
CIE Lab	89.04, 22.33, -13.61
CIE LCh	89, 26.147, 328.642
Yxy	74.2553, 0.3182, 0.2897
Android (android.graphics.Color)	4294955770 (0xFFFFD2FA)
YUV	228.0150, 10.8386, 23.6658
Hunter-Lab	86.1715, 18.1098, -8.8131

Details

The XYZ color **81.5419, 74.2553, 100.4775** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **74.6063, 90.1290, 77.7574**, and the grayscale version is **73.6714, 77.5080, 84.4063**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **44.6357, 39.2987, 55.6849** is the 20% darker color. If you saturate the color by 10%, you get **75.3003, 62.4773, 96.2226**, and if you desaturate by 10%, it is **88.7966, 88.0480, 105.1050**.

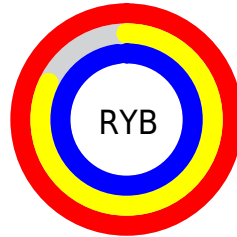
Distribution



Red (100%)

Green (82%)

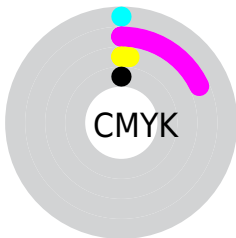
Blue (98%)



Red (100%)

Yellow (82%)

Blue (98%)

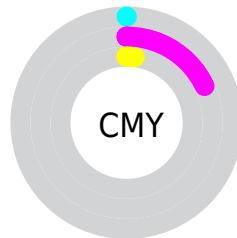


Cyan (0%)

Magenta (18%)

Yellow (2%)

Black (0%)



Cyan (0%)

Magenta (18%)

Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 81.5419, 74.2553, 100.4775 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 81.5419, 74.2553, 100.4775 by changing the saturation by 10% instead.


 81.5419, 74.2553,
100.4775

 81.5419, 74.2553,
100.4775

488.7718,
475.3540, 582.9822

 61.3008, 55.0030,
76.0803


134.4706,
125.2576, 163.8708

 44.7214, 39.4041,
55.9913


167.8889,
157.7765, 203.7040

 31.4384, 27.0743,
39.7920


206.4303,
195.4863, 249.5196

 21.0864, 17.6290,
27.0638

250.4603,
238.7715, 301.7361

 13.3000, 10.6840,
17.3883

300.3440,
288.0165, 360.7720

 7.7139, 5.8547,
10.3469

356.4470,

 3.9627, 2.7570,

343.6057, 427.0460

5.5209

419.1344,
405.9234, 500.9766

■ 1.6810, 1.0062,
2.4920

■ 0.4444, 0.0000,
0.8359

■ 81.5419, 74.2553,
100.4775

■ 81.5419, 74.2553,
100.4775

■ 75.3003, 62.4773,
96.2226

■ 88.7966, 88.0480,
105.1050

■ 70.0193, 52.6103,
92.3197

95.0500, 100.0000,
108.9000

■ 65.6493, 44.5548,
88.7531

■ 62.1344, 38.1988,
85.5040

■ 59.4122, 33.4178,
82.5515

■ 57.4119, 30.0702,
79.8718

■ 56.0502, 27.9894,
77.4371

■ 55.2170, 26.9551,
75.2104

■ 55.0597, 26.7879,
74.7036

Harmonies

Analogous

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



76.6020, 74.2553, 115.6425



81.5419, 74.2553, 100.4775



83.5204, 74.2553, 81.6843

Triad

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



81.5419, 74.2553, 100.4775



70.8677, 74.2553, 50.6532



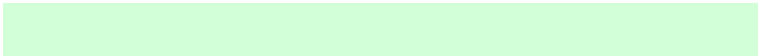
60.3811, 74.2553, 98.8248

Complementary

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



81.5419, 74.2553, 100.4775



74.6063, 90.1290, 77.7574

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.



59.0458, 74.2553, 80.0242



81.5419, 74.2553, 100.4775



64.8773, 74.2553, 53.8482

Square

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



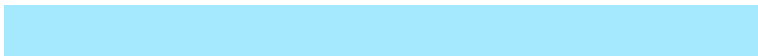
81.5419, 74.2553, 100.4775



77.1334, 74.2553, 54.4838



60.6427, 74.2553, 63.9634



64.4039, 74.2553, 114.5919

Rectangle

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



81.5419, 74.2553, 100.4775



82.8086, 74.2553, 70.1667



60.6427, 74.2553, 63.9634



59.6142, 74.2553, 92.5692

Sweetspot

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



81.5436, 74.2583, 100.4791



90.8893, 92.0423, 106.3922



68.9773, 67.6883, 104.0374



19.3335, 19.4706, 22.6985



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.



81.5436, 74.2583, 100.4791



79.3385, 70.0861, 99.0105



78.2921, 72.9577, 83.3571



18.7006, 18.2636, 22.3065



28.8048, 14.0112, 39.2180



2.8284, 1.3737, 3.9437

Inverse Universe

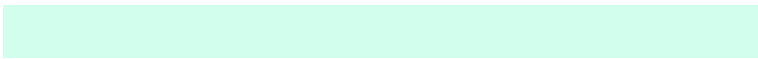
The Inverse Universe completely reimagines the original color for something new.



81.5436, 74.2583, 100.4791



79.3385, 70.0861, 99.0105



77.6264, 91.3370, 93.6610



18.7006, 18.2636, 22.3065



28.8048, 14.0112, 39.2180



2.8284, 1.3737, 3.9437

Previews

White Background



This preview shows how the XYZ color 81.5419, 74.2553, 100.4775 looks on a white background.

Color Contrast Check

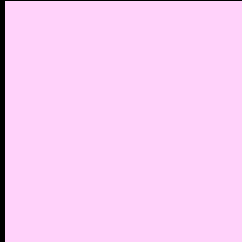
Large Text (above 18pt) WCAG AA × Fail

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 81.5419, 74.2553, 100.4775 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 81.5419, 74.2553, 100.4775

Background



This preview shows how black text looks on a background with the XYZ color 81.5419, 74.2553, 100.4775.



This preview shows how white text looks on a background with the XYZ color 81.5419, 74.2553,

100.4775.

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

81.5419, 74.2553, 100.4775

Protanopia

73.0847, 74.3680, 105.1102

Deuteranopia

75.9464, 74.4125, 99.1672



Tritanopia

78.2221, 73.9971, 85.0230

Trichromacy



Original Color

81.5419, 74.2553, 100.4775

Protanomaly

75.7560, 74.2236, 103.2623

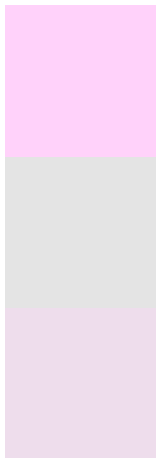
Deuteranomaly

78.0173, 74.3177, 99.8553

Tritanomaly

79.3376, 74.0840, 90.2389

Monochromacy



Original Color

81.5419, 74.2553, 100.4775

Achromatopsia

73.7419, 77.5822, 84.4870

Achromatomaly

76.2567, 75.9462, 89.9968

CSS Examples

Text

The CSS property to change the color of the text to XYZ 81.5419, 74.2553, 100.4775 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, 210, 250)` looks like.

```
.text, #text, p{  
    color:rgb(255, 210, 250)  
}
```

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, 210, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 210, 250) }
```

Border

The CSS property to change the border of an element to XYZ 81.5419, 74.2553, 100.4775 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, 210, 250) }
```


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

```
.border{ border-color:rgb(255, 210, 250) }
```

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

Here you see how a box with a 4 pixel rgb(255, 210, 250) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 210, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 210, 250);  
box-shadow:4px 4px 4px 4px rgb(255, 210,  
250) }
```

Background

The CSS property to change the background color of an element to XYZ 81.5419, 74.2553, 100.4775 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 210, 250) }
```

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

```
.background{ background-color: rgb(255,  
210, 250) }
```

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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