

Converting Colors

XYZ(103.5510, 85.6834,
100.9759)

Have a look what the booklet for
XYZ(103.5510, 85.6834, 100.9759)
contains.

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Color

**XYZ(81.3855, 74.1927,
99.6537)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD2F9
RGB	255, 210, 249
RGB Percent	100%, 82%, 98%
CMY	0.0000, 0.1764, 0.0235
CMYK	0.00, 0.18, 0.02, 0.00
HSL	308°, 100%, 91%
HSV	308°, 18%, 100%
XYZ	81.3855, 74.1927, 99.6537
YIQ	227.9010, 14.3010, 21.6690

Conversions

Conversions Part 2

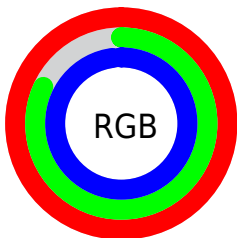
Format	Color
R _Y B	255, 210, 249
Decimal	16765689
CIE Lab	89.01, 22.15, -13.12
CIE LCh	89, 25.747, 329.354
Yxy	74.1927, 0.3189, 0.2907
Android (android.graphics.Color)	4294955769 (0xFFFFD2F9)
YUV	227.9010, 10.4018, 23.7658
Hunter-Lab	86.1352, 17.9205, -8.3007

Details

The XYZ color **81.3855, 74.1927, 99.6537** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **74.7352, 90.1806, 78.4363**, and the grayscale version is **73.5910, 77.4234, 84.3141**.

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 **75.0592, 62.3808, 94.9532**, and if you desaturate by 10%, it is **88.7276, 88.0204, 104.7422**.

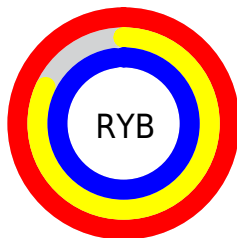
Distribution



Red (100%)

Green (82%)

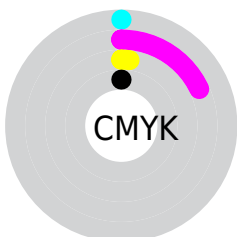
Blue (98%)



Red (100%)

Yellow (82%)

Blue (98%)

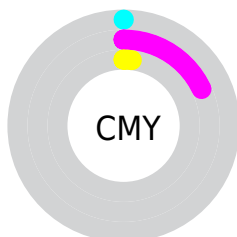


Cyan (0%)

Magenta (18%)

Yellow (2%)

Black (0%)



Cyan (0%)

Magenta (18%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 81.3855, 74.1927, 99.6537 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 81.3855, 74.1927, 99.6537 by changing the saturation by 10% instead.

81.3855, 74.1927,
99.6537

81.3855, 74.1927,
99.6537

488.2556,
475.1382, 580.3190

61.1715, 54.9518,
75.3961

134.2523,
125.1689, 162.7289

44.6167, 39.3631,
55.4338

167.6357,
157.6730, 202.3836

31.3556, 27.0423,
39.3482

206.1398,
195.3670, 248.0078

21.0229, 17.6050,
26.7208

250.1297,
238.6352, 300.0199

13.2533, 10.6668,
17.1330

299.9709,
287.8620, 358.8385

7.6814, 5.8432,
10.1664

356.0287,

3.9419, 2.7500,

343.4318, 424.8823

5.4024

418.6685,
405.7291, 498.5696

■ 1.6693, 1.0026,
2.4224

■ 0.4369, 0.0000,
0.7986

■ 81.3855, 74.1927,
99.6537

■ 81.3855, 74.1927,
99.6537

■ 75.0592, 62.3808,
94.9532

■ 88.7276, 88.0204,
104.7422

■ 69.6965, 52.4812,
90.6201

95.0500, 100.0000,
108.9000

■ 65.2477, 44.3942,
86.6384

■ 61.6568, 38.0078,
82.9892

■ 58.8615, 33.1975,
79.6516

■ 56.7909, 29.8218,
76.6017

■ 55.3617, 27.7140,
73.8114

■ 54.4637, 26.6538,
71.2438

■ 54.2916, 26.4806,
70.6588

Harmonies

Analogous

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



76.5828, 74.1927, 114.6976



81.3855, 74.1927, 99.6537



83.2478, 74.1927, 81.1722

Triad

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



81.3855, 74.1927, 99.6537



70.6536, 74.1927, 50.9907



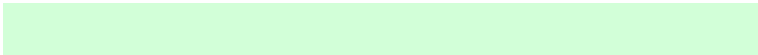
60.5411, 74.1927, 98.8821

Complementary

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



81.3855, 74.1927, 99.6537



74.7352, 90.1806, 78.4363

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.



59.1568, 74.1927, 80.3955



81.3855, 74.1927, 99.6537



64.7820, 74.1927, 54.3148

Square

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



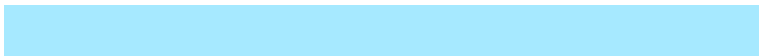
81.3855, 74.1927, 99.6537



76.8312, 74.1927, 54.6133



60.6636, 74.1927, 64.4593



64.5604, 74.1927, 114.2078

Rectangle

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



81.3855, 74.1927, 99.6537



82.4914, 74.1927, 69.8918



60.6636, 74.1927, 64.4593



59.7631, 74.1927, 92.7511

Sweetspot

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



81.3871, 74.1956, 99.6553



90.8441, 92.0242, 106.1539



69.1973, 67.8017, 104.0477



19.3225, 19.4662, 22.6404



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.



81.3871, 74.1956, 99.6553



79.1534, 70.0121, 98.0355



78.1881, 72.9160, 82.8099



18.6823, 18.2562, 22.2103



28.4090, 13.8529, 37.1340



2.7937, 1.3599, 3.7613

Inverse Universe

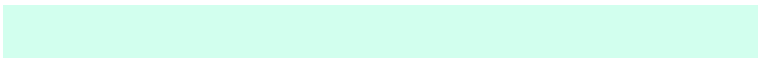
The Inverse Universe completely reimagines the original color for something new.



81.3871, 74.1956, 99.6553



79.1534, 70.0121, 98.0355



77.7362, 91.3810, 94.2393



18.6823, 18.2562, 22.2103



28.4090, 13.8529, 37.1340



2.7937, 1.3599, 3.7613

Previews

White Background



This preview shows how the XYZ color 81.3855, 74.1927, 99.6537 looks on a white background.

Color Contrast Check

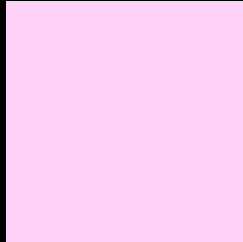
Large Text (above 18pt) WCAG AA × Fail

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 81.3855, 74.1927, 99.6537 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

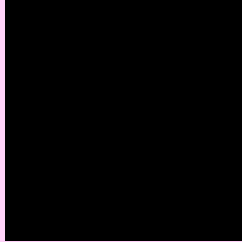
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 81.3855, 74.1927, 99.6537

Background



This preview shows how black text looks on a background with the XYZ color 81.3855, 74.1927, 99.6537.



This preview shows how white text looks on a background with the XYZ color 81.3855, 74.1927,

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

81.3855, 74.1927, 99.6537

Protanopia

73.0847, 74.3680, 105.1102

Deuteranopia

76.2756, 74.5823, 99.1826



Tritanopia

78.2221, 73.9971, 85.0230

Trichromacy



Original Color

81.3855, 74.1927, 99.6537

Protanomaly

75.7560, 74.2236, 103.2623

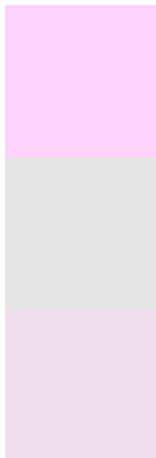
Deuteranomaly

77.8617, 74.2554, 99.0359

Tritanomaly

79.3376, 74.0840, 90.2389

Monochromacy



Original Color

81.3855, 74.1927, 99.6537

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 81.3855, 74.1927, 99.6537 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, 249)` looks like.

```
.text, #text, p{  
    color:rgb(255, 210, 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, 210, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 210, 249) }
```

Border

The CSS property to change the border of an element to XYZ 81.3855, 74.1927, 99.6537 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, 249) }
```


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

```
.border{ border-color:rgb(255, 210, 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, 210, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 210, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 210, 249);  
box-shadow:4px 4px 4px 4px rgb(255, 210,  
249) }
```

Background

The CSS property to change the background color of an element to XYZ 81.3855, 74.1927, 99.6537 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, 249) }
```

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

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