

Converting Colors

XYZ(92.9445, 80.2434, 98.4324)

Have a look what the booklet for
XYZ(92.9445, 80.2434, 98.4324)
contains.

XYZ(81.0751, 74.0686, 98.0192)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(81.0751, 74.0686,
98.0192)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD2F7
RGB	255, 210, 247
RGB Percent	100%, 82%, 97%
CMY	0.0000, 0.1764, 0.0314
CMYK	0.00, 0.18, 0.03, 0.00
HSL	311°, 100%, 91%
HSV	311°, 18%, 100%
XYZ	81.0751, 74.0686, 98.0192
YIQ	227.6730, 14.9430, 21.0470

Conversions

Conversions Part 2

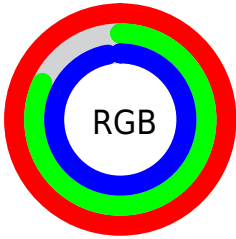
Format	Color
R _Y B	255, 210, 247
Decimal	16765687
CIE Lab	88.95, 21.80, -12.16
CIE LCh	89, 24.960, 330.852
Yxy	74.0686, 0.3202, 0.2926
Android (android.graphics.Color)	4294955767 (0xFFFFD2F7)
YUV	227.6730, 9.5282, 23.9658
Hunter-Lab	86.0631, 17.5441, -7.2825

Details

The XYZ color **81.0751, 74.0686, 98.0192** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **74.9955, 90.2847, 79.8068**, and the grayscale version is **73.4305, 77.2546, 84.1302**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **44.4140, 39.2100, 54.5176** is the 20% darker color. If you saturate the color by 10%, you get **74.5832, 62.1905, 92.4465**, and if you desaturate by 10%, it is **88.5904, 87.9655, 104.0190**.

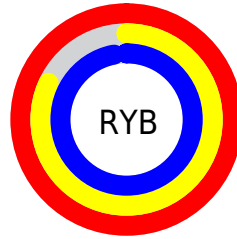
Distribution



Red (100%)

Green (82%)

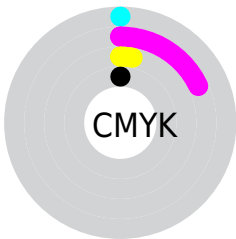
Blue (97%)



Red (100%)

Yellow (82%)

Blue (97%)

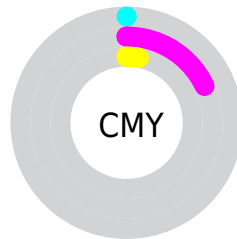


Cyan (0%)

Magenta (18%)

Yellow (3%)

Black (0%)



Cyan (0%)

Magenta (18%)

Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 81.0751, 74.0686, 98.0192 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 81.0751, 74.0686, 98.0192 by changing the saturation by 10% instead.

81.0751, 74.0686,
98.0192

81.0751, 74.0686,
98.0192

487.2302,
474.7101, 575.0155

60.9150, 54.8502,
74.0397

133.8188,
124.9930, 160.4605

44.4088, 39.2818,
54.3295

167.1331,
157.4679, 199.7594

31.1913, 26.9790,
38.4702

205.5628,
195.1303, 245.0017

20.8971, 17.5575,
26.0432

249.4733,
238.3647, 296.6062

13.1609, 10.6327,
16.6299

299.2299,
287.5555, 354.9913

7.6172, 5.8205,
9.8118

355.1980,

3.9007, 2.7362,

343.0871, 420.5755

5.1704

417.7430,
405.3438, 493.7774

■ 1.6461, 0.9956,
2.2871

■ 0.4222, 0.0000,
0.7240

■ 81.0751, 74.0686,
98.0192

■ 81.0751, 74.0686,
98.0192

■ 74.5832, 62.1905,
92.4465

■ 88.5904, 87.9655,
104.0190

■ 69.0622, 52.2275,
87.2797

95.0500, 100.0000,
108.9000

■ 64.4624, 44.0801,
82.5028

■ 60.7277, 37.6362,
78.0963

■ 57.7957, 32.7712,
74.0390

■ 55.5955, 29.3437,
70.3065

■ 54.0436, 27.1867,
66.8704

■ 53.0299, 26.0803,
63.6935

■ 52.8315, 25.8966,
62.9702

Harmonies

Analogous

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



76.5462, 74.0686, 112.8244



81.0751, 74.0686, 98.0192



82.7058, 74.0686, 80.1531

Triad

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



81.0751, 74.0686, 98.0192



70.2269, 74.0686, 51.6703



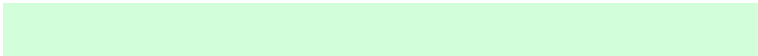
60.8627, 74.0686, 99.0008

Complementary

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



81.0751, 74.0686, 98.0192



74.9955, 90.2847, 79.8068

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.



59.3797, 74.0686, 81.1451



81.0751, 74.0686, 98.0192



64.5919, 74.0686, 55.2570

Square

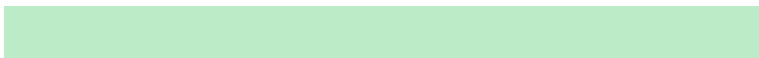
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



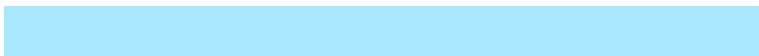
81.0751, 74.0686, 98.0192



76.2295, 74.0686, 54.8724



60.7056, 74.0686, 65.4611



64.8755, 74.0686, 113.4459

Rectangle

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



81.0751, 74.0686, 98.0192



81.8604, 74.0686, 69.3431



60.7056, 74.0686, 65.4611



60.0624, 74.0686, 93.1196

Sweetspot

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



81.0767, 74.0716, 98.0208



90.7538, 91.9881, 105.6782



69.8636, 68.1453, 104.0789



19.3004, 19.4574, 22.5245



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.



81.0767, 74.0716, 98.0208



78.7866, 69.8654, 96.1040



77.8792, 72.7925, 81.1826



18.6459, 18.2417, 22.0186



27.6561, 13.5517, 33.1689



2.7274, 1.3333, 3.4119

Inverse Universe

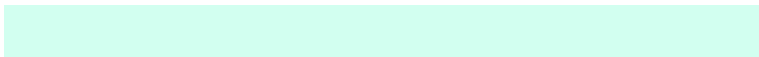
The Inverse Universe completely reimagines the original color for something new.



81.0767, 74.0716, 98.0208



78.7866, 69.8654, 96.1040



78.0685, 91.5139, 95.9889



18.6459, 18.2417, 22.0186



27.6561, 13.5517, 33.1689



2.7274, 1.3333, 3.4119

Previews

White Background



This preview shows how the XYZ color 81.0751, 74.0686, 98.0192 looks on a white background.

Color Contrast Check

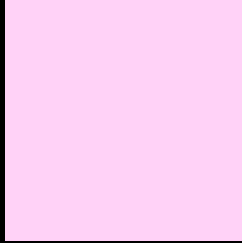
Large Text (above 18pt) WCAG AA × Fail

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 81.0751, 74.0686, 98.0192 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

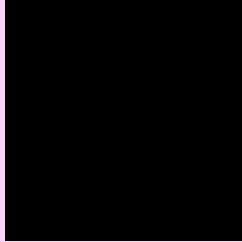
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 81.0751, 74.0686, 98.0192

Background



This preview shows how black text looks on a background with the XYZ color 81.0751, 74.0686, 98.0192.



This preview shows how white text looks on a background with the XYZ color 81.0751, 74.0686,

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

81.0751, 74.0686, 98.0192

Protanopia

73.0847, 74.3680, 105.1102

Deuteranopia

75.7084, 73.9417, 97.4707



Tritanopia

78.5852, 74.1843, 85.0400

Trichromacy



Original Color

81.0751, 74.0686, 98.0192

Protanomaly

75.5971, 74.1600, 102.4254

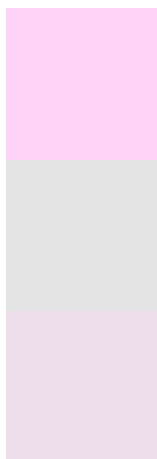
Deuteranomaly

77.2991, 73.6242, 97.3256

Tritanomaly

79.5569, 74.2139, 89.4885

Monochromacy



Original Color

81.0751, 74.0686, 98.0192

Achromatopsia

73.7419, 77.5822, 84.4870

Achromatomaly

76.1117, 75.8882, 89.2336

CSS Examples

Text

The CSS property to change the color of the text to XYZ 81.0751, 74.0686, 98.0192 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, 247)` looks like.

```
.text, #text, p{  
    color:rgb(255, 210, 247)  
}
```

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, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 210, 247) }
```

Border

The CSS property to change the border of an element to XYZ 81.0751, 74.0686, 98.0192 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, 247) }
```


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

```
.border{ border-color:rgb(255, 210, 247) }
```

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, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 210, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 210, 247);  
box-shadow:4px 4px 4px 4px rgb(255, 210,  
247) }
```

Background

The CSS property to change the background color of an element to XYZ 81.0751, 74.0686, 98.0192 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, 247) }
```

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

```
.background{ background-color: rgb(255,  
210, 247) }
```

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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