

Converting Colors

XYZ(81.0705, 74.7219, 95.9750)

Have a look what the booklet for
XYZ(81.0705, 74.7219, 95.9750)
contains.

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Color

**XYZ(81.1126, 74.8786,
95.7659)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD4F4
RGB	255, 212, 244
RGB Percent	100%, 83%, 96%
CMY	0.0000, 0.1686, 0.0431
CMYK	0.00, 0.17, 0.04, 0.00
HSL	315°, 100%, 92%
HSV	315°, 17%, 100%
XYZ	81.1126, 74.8786, 95.7659
YIQ	228.5050, 15.3560, 19.0680

Conversions

Conversions Part 2

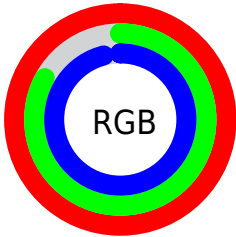
Format	Color
R_{YB}	255, 212, 244
Decimal	16766196
CIE _{Lab}	89.34, 20.23, -10.01
CIE _{LCh}	89, 22.570, 333.675
Yxy	74.8786, 0.3222, 0.2974
Android (android.graphics.Color)	4294956276 (0xFFFFD4F4)
YUV	228.5050, 7.6390, 23.2361
Hunter-Lab	86.5324, 15.8882, -5.0439

Details

The XYZ color **81.1126, 74.8786, 95.7659** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **76.2329, 90.8459, 83.3323**, and the grayscale version is **74.0520, 77.9085, 84.8424**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **44.4228, 39.7505, 52.9082** is the 20% darker color. If you saturate the color by 10%, you get **74.2617, 62.7337, 88.6823**, and if you desaturate by 10%, it is **89.0086, 89.0568, 103.3729**.

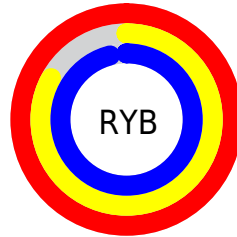
Distribution



Red (100%)

Green (83%)

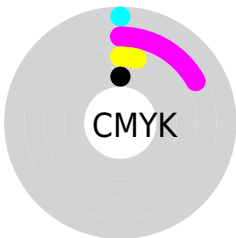
Blue (96%)



Red (100%)

Yellow (83%)

Blue (96%)

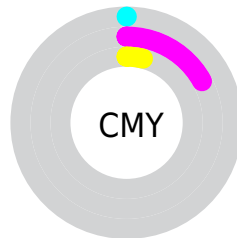


Cyan (0%)

Magenta (17%)

Yellow (4%)

Black (0%)



Cyan (0%)


Magenta (17%)


Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 81.1126, 74.8786, 95.7659 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 81.1126, 74.8786, 95.7659 by changing the saturation by 10% instead.


 81.1126, 74.8786,
95.7659

 81.1126, 74.8786,
95.7659

487.3541,
477.5002, 567.6609

 60.9459, 55.5134,
72.1722


133.8712,
126.1405, 157.3270

 44.4339, 39.8130,
52.8117


167.1938,
158.8060, 196.1314

 31.2112, 27.3927,
37.2657


205.6325,
196.6738, 240.8432

 20.9123, 17.8684,
25.1159

249.5526,
240.1282, 291.8808

 13.1720, 10.8555,
15.9436

299.3195,
289.5537, 349.6629

 7.6249, 5.9698,
9.3303

355.2984,

 3.9057, 2.8267,

345.3346, 414.6079

4.8575

417.8549,
407.8553, 487.1344

■ 1.6489, 1.0419,
2.1066

■ 0.4240, 0.0000,
0.6197

■ 81.1126, 74.8786,
95.7659

■ 81.1126, 74.8786,
95.7659

■ 74.2617, 62.7337,
88.6823

■ 89.0086, 89.0568,
103.3729

■ 68.4033, 52.5187,
82.0997

95.0500, 100.0000,
108.9000

■ 63.4879, 44.1347,
76.0009

■ 59.4594, 37.4703,
70.3653

■ 56.2559, 32.4019,
65.1705

■ 53.8070, 28.7896,
60.3910

■ 52.0301, 26.4688,
55.9975

■ 50.8208, 25.2314,
51.9533

■ 50.5088, 24.9675,
50.7388

Harmonies

Analogous

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



77.2184, 74.8786, 109.5314



81.1126, 74.8786, 95.7659



82.2954, 74.8786, 79.5973

Triad

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



81.1126, 74.8786, 95.7659



70.4918, 74.8786, 54.8032



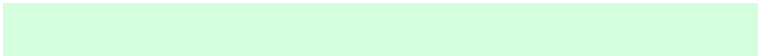
62.6979, 74.8786, 99.5719

Complementary

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



81.1126, 74.8786, 95.7659



76.2329, 90.8459, 83.3323

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.



61.0951, 74.8786, 83.4939



81.1126, 74.8786, 95.7659



65.4457, 74.8786, 58.7607

Square

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



81.1126, 74.8786, 95.7659



75.9810, 74.8786, 57.2084



62.0748, 74.8786, 68.7799



66.5663, 74.8786, 111.9206

Rectangle

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



81.1126, 74.8786, 95.7659



81.3391, 74.8786, 69.9237



62.0748, 74.8786, 68.7799



61.8856, 74.8786, 94.3546

Sweetspot

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



81.1143, 74.8816, 95.7675



90.5958, 91.9249, 104.8466



71.9507, 69.9589, 104.3189



19.2620, 19.4420, 22.3219



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.



81.1143, 74.8816, 95.7675



78.8529, 70.8537, 93.4878



78.0711, 73.6644, 79.7424



18.5825, 18.2163, 21.6846



26.4557, 13.0716, 26.8481



2.6202, 1.2904, 2.8473

Inverse Universe

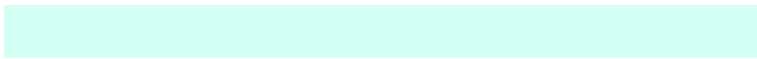
The Inverse Universe completely reimagines the original color for something new.



81.1143, 74.8816, 95.7675



78.8529, 70.8537, 93.4878



79.2804, 92.0649, 99.3800



18.5825, 18.2163, 21.6846



26.4557, 13.0716, 26.8481



2.6202, 1.2904, 2.8473

Previews

White Background



This preview shows how the XYZ color 81.1126, 74.8786, 95.7659 looks on a white background.

Color Contrast Check

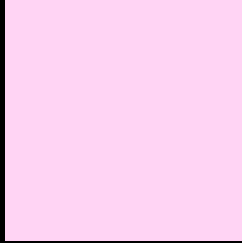
Large Text (above 18pt) WCAG AA × Fail

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 81.1126, 74.8786, 95.7659 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

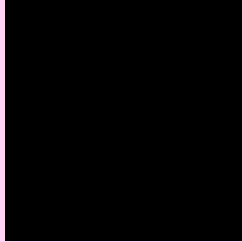
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 81.1126, 74.8786, 95.7659

Background



This preview shows how black text looks on a background with the XYZ color 81.1126, 74.8786, 95.7659.



This preview shows how white text looks on a background with the XYZ color 81.1126, 74.8786,

95.7659.

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

81.1126, 74.8786, 95.7659

Protanopia

73.6191, 75.1125, 101.8848

Deuteranopia

76.5090, 74.7910, 95.1977



Tritanopia

78.9784, 74.7453, 85.8660

Trichromacy



Original Color

81.1126, 74.8786, 95.7659

Protanomaly

75.8791, 74.7640, 99.2386

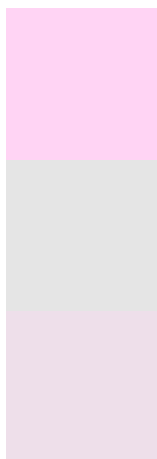
Deuteranomaly

78.0418, 74.8159, 95.1217

Tritanomaly

79.8076, 74.7155, 89.5721

Monochromacy



Original Color

81.1126, 74.8786, 95.7659

Achromatopsia

74.4753, 78.3538, 85.3273

Achromatomaly

76.4989, 76.8930, 88.6518

CSS Examples

Text

The CSS property to change the color of the text to XYZ 81.1126, 74.8786, 95.7659 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, 244)` looks like.

```
.text, #text, p{  
    color:rgb(255, 212, 244)  
}
```

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, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 212, 244) }
```

Border

The CSS property to change the border of an element to XYZ 81.1126, 74.8786, 95.7659 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, 244) }
```


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

```
.border{ border-color:rgb(255, 212, 244) }
```

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, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 212, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 212, 244);  
box-shadow:4px 4px 4px 4px rgb(255, 212,  
244) }
```

Background

The CSS property to change the background color of an element to XYZ 81.1126, 74.8786, 95.7659 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, 244) }
```

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

```
.background{ background-color: rgb(255,  
212, 244) }
```

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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