

Converting Colors

XYZ(81.3842, 75.8979, 94.3888)

Have a look what the booklet for
XYZ(81.3842, 75.8979, 94.3888)
contains.

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Color

**XYZ(81.3136, 75.7639,
94.3426)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD6F2
RGB	255, 214, 242
RGB Percent	100%, 84%, 95%
CMY	0.0000, 0.1608, 0.0510
CMYK	0.00, 0.16, 0.05, 0.00
HSL	319°, 100%, 92%
HSV	319°, 16%, 100%
XYZ	81.3136, 75.7639, 94.3426
YIQ	229.4510, 15.4480, 17.4000

Conversions

Conversions Part 2

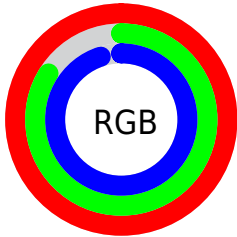
Format	Color
R_{YB}	255, 214, 242
Decimal	16766706
CIE _{Lab}	89.75, 18.84, -8.34
CIE _{LCh}	90, 20.602, 336.116
Yxy	75.7639, 0.3234, 0.3013
Android (android.graphics.Color)	4294956786 (0xFFFFD6F2)
YUV	229.4510, 6.1867, 22.4065
Hunter-Lab	87.0425, 14.4274, -3.3329

Details

The XYZ color **81.3136, 75.7639, 94.3426** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **77.3590, 91.3633, 86.2338**, and the grayscale version is **74.7577, 78.6509, 85.6508**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **44.5498, 40.3472, 51.8941** is the 20% darker color. If you saturate the color by 10%, you get **74.1706, 63.3786, 86.1025**, and if you desaturate by 10%, it is **89.5238, 90.1972, 103.2054**.

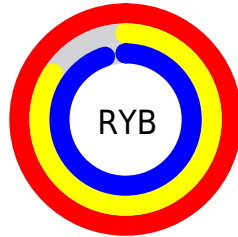
Distribution



Red (100%)

Green (84%)

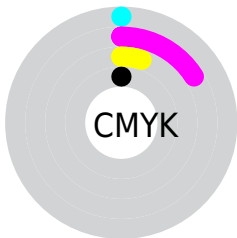
Blue (95%)



Red (100%)

Yellow (84%)

Blue (95%)

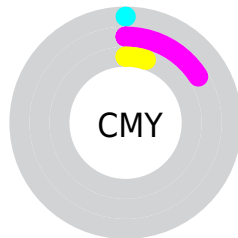


Cyan (0%)

Magenta (16%)

Yellow (5%)

Black (0%)



Cyan (0%)


Magenta (16%)


Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 81.3136, 75.7639, 94.3426 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 81.3136, 75.7639, 94.3426 by changing the saturation by 10% instead.


 81.3136, 75.7639,
94.3426

 81.3136, 75.7639,
94.3426

488.0182,
480.5391, 562.9887

 61.1121, 56.2389,
70.9941


134.1519,
127.3931, 155.3438

 44.5685, 40.3945,
51.8556


167.5193,
160.2661, 193.8336

 31.3175, 27.8463,
36.5085


206.0062,
198.3573, 238.2076

 20.9938, 18.2098,
24.5344

249.9777,
242.0510, 288.8842

 13.2319, 11.1007,
15.5146

299.7993,
291.7317, 346.2821

 7.6665, 6.1346,
9.0307

355.8364,

 3.9323, 2.9271,

347.7836, 410.8198

4.6642

418.4542,
410.5913, 482.9158

■ 1.6639, 1.0938,
1.9963

■ 0.4335, 0.0000,
0.5530

■ 81.3136, 75.7639,
94.3426

■ 81.3136, 75.7639,
94.3426

■ 74.1706, 63.3786,
86.1025

■ 89.5238, 90.1972,
103.2054

■ 68.0424, 52.9381,
78.4612

95.0500, 100.0000,
108.9000

■ 62.8792, 44.3440,
71.3996

■ 58.6252, 37.4858,
64.8957

■ 55.2185, 32.2407,
58.9252

■ 52.5892, 28.4702,
53.4612

■ 50.6555, 26.0118,
48.4726

■ 49.3160, 24.6642,
43.9218

■ 48.8940, 24.3216,
42.2354

Harmonies

Analogous

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



77.9213, 75.7639, 107.2095



81.3136, 75.7639, 94.3426



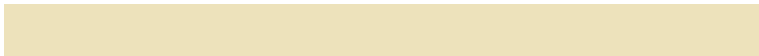
82.1630, 75.7639, 79.5506

Triad

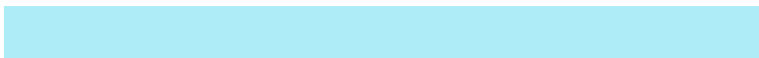
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



81.3136, 75.7639, 94.3426



70.9761, 75.7639, 57.6956



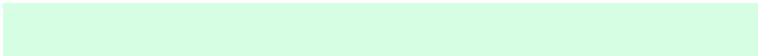
64.4078, 75.7639, 100.0989

Complementary

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



81.3136, 75.7639, 94.3426



77.3590, 91.3633, 86.2338

Split Complementary

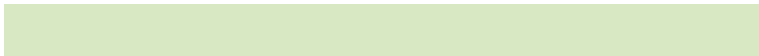
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



62.7323, 75.7639, 85.5092



81.3136, 75.7639, 94.3426



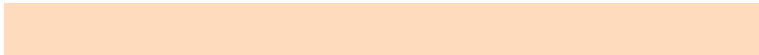
66.4080, 75.7639, 61.9028

Square

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



81.3136, 75.7639, 94.3426



76.0377, 75.7639, 59.4751



63.4470, 75.7639, 71.6815



68.1297, 75.7639, 110.7966

Rectangle

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



81.3136, 75.7639, 94.3426



81.1395, 75.7639, 70.7866



63.4470, 75.7639, 71.6815



63.5948, 75.7639, 95.4259

Sweetspot

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



81.3152, 75.7669, 94.3442



90.4724, 91.8755, 104.1967



73.7726, 71.6449, 104.5484



19.2319, 19.4300, 22.1637



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.



81.3152, 75.7669, 94.3442



79.1183, 71.9376, 91.8712



78.4088, 74.6043, 79.0389



18.5332, 18.1966, 21.4248



25.6190, 12.7369, 22.4418



2.5441, 1.2600, 2.4465

Inverse Universe

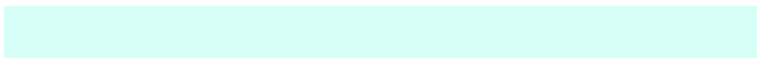
The Inverse Universe completely reimagines the original color for something new.



81.3152, 75.7669, 94.3442



79.1183, 71.9376, 91.8712



80.3566, 92.5624, 102.0192



18.5332, 18.1966, 21.4248



25.6190, 12.7369, 22.4418



2.5441, 1.2600, 2.4465

Previews

White Background



This preview shows how the XYZ color 81.3136, 75.7639, 94.3426 looks on a white background.

Color Contrast Check

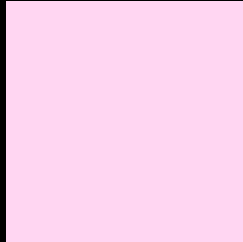
Large Text (above 18pt) WCAG AA × Fail

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 81.3136, 75.7639, 94.3426 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

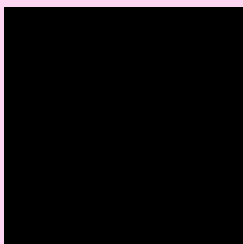
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 81.3136, 75.7639, 94.3426

Background



This preview shows how black text looks on a background with the XYZ color 81.3136, 75.7639, 94.3426.



This preview shows how white text looks on a background with the XYZ color 81.3136, 75.7639,

94.3426.

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

81.3136, 75.7639, 94.3426

Protanopia

74.0304, 75.7766, 99.5315

Deuteranopia

77.4843, 75.7147, 93.7496



Tritanopia

79.9944, 76.0088, 86.7989

Trichromacy



Original Color

81.3136, 75.7639, 94.3426

Protanomaly

76.4887, 75.5024, 97.7308

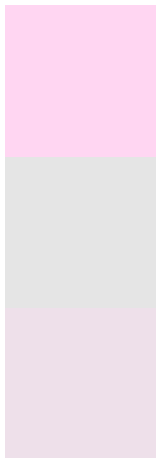
Deuteranomaly

78.6961, 75.5694, 93.6577

Tritanomaly

80.3138, 75.7278, 89.7408

Monochromacy



Original Color

81.3136, 75.7639, 94.3426

Achromatopsia

74.4753, 78.3538, 85.3273

Achromatomaly

76.7668, 77.4290, 88.7411

CSS Examples

Text

The CSS property to change the color of the text to XYZ 81.3136, 75.7639, 94.3426 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, 214, 242)` looks like.

```
.text, #text, p{  
    color:rgb(255, 214, 242)  
}
```

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, 214, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 214, 242) }
```

Border

The CSS property to change the border of an element to XYZ 81.3136, 75.7639, 94.3426 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, 214, 242) }
```


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

```
.border{ border-color:rgb(255, 214, 242) }
```

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

Here you see how a box with a 4 pixel rgb(255, 214, 242) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 214, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 214, 242);  
box-shadow:4px 4px 4px 4px rgb(255, 214,  
242) }
```

Background

The CSS property to change the background color of an element to XYZ 81.3136, 75.7639, 94.3426 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 214, 242) }
```

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

```
.background{ background-color: rgb(255,  
214, 242) }
```

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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