

Converting Colors

XYZ(84.8086, 77.1713, 98.0706)

Have a look what the booklet for
XYZ(84.8086, 77.1713, 98.0706)
contains.

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Color

**XYZ(81.8228, 75.5639,
98.2685)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD5F7
RGB	255, 213, 247
RGB Percent	100%, 84%, 97%
CMY	0.0000, 0.1647, 0.0314
CMYK	0.00, 0.16, 0.03, 0.00
HSL	311°, 100%, 92%
HSV	311°, 16%, 100%
XYZ	81.8228, 75.5639, 98.2685
YIQ	229.4340, 14.1180, 19.4780

Conversions

Conversions Part 2

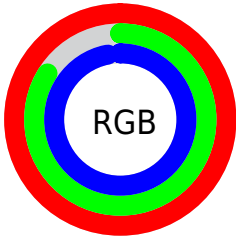
Format	Color
RYB	255, 213, 247
Decimal	16766455
CIELab	89.66, 20.23, -11.11
CIELCh	90, 23.079, 331.220
Yxy	75.5639, 0.3201, 0.2956
Android (android.graphics.Color)	4294956535 (0xFFFFD5F7)
YUV	229.4340, 8.6600, 22.4214
Hunter-Lab	86.9275, 15.8947, -6.1760

Details

The XYZ color **81.8228, 75.5639, 98.2685** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **76.2540, 90.8877, 81.9337**, and the grayscale version is **74.7282, 78.6199, 85.6171**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **44.9195, 40.2211, 54.6861** is the 20% darker color. If you saturate the color by 10%, you get **75.1665, 63.4351, 92.4007**, and if you desaturate by 10%, it is **89.5102, 89.7233, 104.5785**.

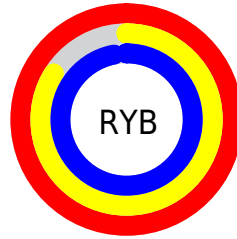
Distribution



Red (100%)

Green (84%)

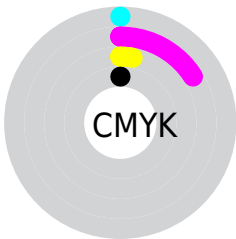
Blue (97%)



Red (100%)

Yellow (84%)

Blue (97%)

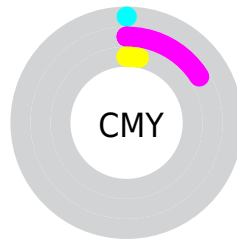


Cyan (0%)

Magenta (16%)

Yellow (3%)

Black (0%)



Cyan (0%)


Magenta (16%)


Yellow (3%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 81.8228, 75.5639, 98.2685 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 81.8228, 75.5639, 98.2685 by changing the saturation by 10% instead.


 81.8228, 75.5639,
98.2685

 81.8228, 75.5639,
98.2685


489.6983,
479.8535, 575.8261

 61.5331, 56.0750,
74.2465

134.8626,
127.1103, 160.8067

 44.9097, 40.2630,
54.4978


168.3434,
159.9365, 200.1600

 31.5873, 27.7437,
38.6039


206.9519,
197.9773, 245.4608

 21.2005, 18.1325,
26.1463

251.0536,
241.6171, 297.1276

 13.3839, 11.0452,
16.7063

301.0137,
291.2402, 355.5790

 7.7723, 6.0972,
9.8656

357.1976,

 4.0001, 2.9043,

347.2310, 421.2335

5.2055

419.9707,
409.9740, 494.5097

■ 1.7022, 1.0820,
2.3075

■ 0.4577, 0.0000,
0.7354

■ 81.8228, 75.5639,
98.2685

■ 81.8228, 75.5639,
98.2685

■ 75.1665, 63.4351,
92.4007

■ 89.5102, 89.7233,
104.5785

■ 69.4895, 53.2339,
86.9539

95.0500, 100.0000,
108.9000

■ 64.7423, 44.8618,
81.9119

■ 60.8695, 38.2079,
77.2555

■ 57.8096, 33.1494,
72.9635

■ 55.4927, 29.5469,
69.0118

■ 53.8372, 27.2374,
65.3724

■ 52.7409, 26.0167,
62.0106

■ 52.4330, 25.7372,
60.8713

Harmonies

Analogous

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



77.6308, 75.5639, 112.0207



81.8228, 75.5639, 98.2685



83.3001, 75.5639, 81.6121

Triad

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



81.8228, 75.5639, 98.2685



71.5890, 75.5639, 54.8050



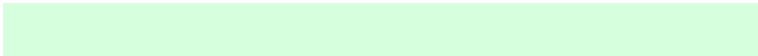
62.8824, 75.5639, 99.5726

Complementary

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



81.8228, 75.5639, 98.2685



76.2540, 90.8877, 81.9337

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.



61.4485, 75.5639, 82.9440



81.8228, 75.5639, 98.2685



66.3090, 75.5639, 58.3265

Square

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



81.8228, 75.5639, 98.2685



77.2074, 75.5639, 57.7987



62.6698, 75.5639, 68.1206



66.6916, 75.5639, 112.8407

Rectangle

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



81.8228, 75.5639, 98.2685



82.4882, 75.5639, 71.4687



62.6698, 75.5639, 68.1206



62.1159, 75.5639, 94.1219

Sweetspot

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



81.8244, 75.5669, 98.2701



90.7280, 91.9778, 105.5426



71.5747, 70.1372, 104.3732



19.2942, 19.4549, 22.4914



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.



81.8244, 75.5669, 98.2701



79.3580, 71.0558, 96.1479



78.8049, 74.3591, 82.3696



18.6356, 18.2375, 21.9640



27.4503, 13.4694, 32.0855



2.7092, 1.3260, 3.3158

Inverse Universe

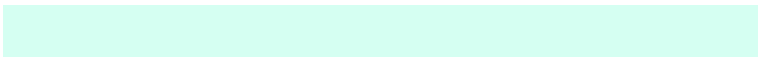
The Inverse Universe completely reimagines the original color for something new.



81.8244, 75.5669, 98.2701



79.3580, 71.0558, 96.1479



79.1845, 92.0599, 97.3657



18.6356, 18.2375, 21.9640



27.4503, 13.4694, 32.0855



2.7092, 1.3260, 3.3158

Previews

White Background



This preview shows how the XYZ color 81.8228, 75.5639, 98.2685 looks on a white background.

Color Contrast Check

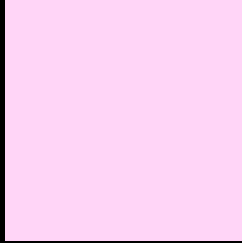
Large Text (above 18pt) WCAG AA × Fail

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 81.8228, 75.5639, 98.2685 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 81.8228, 75.5639, 98.2685

Background



This preview shows how black text looks on a background with the XYZ color 81.8228, 75.5639, 98.2685.



This preview shows how white text looks on a background with the XYZ color 81.8228, 75.5639,

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

81.8228, 75.5639, 98.2685

Protanopia

74.3638, 75.8392, 104.4850

Deuteranopia

77.2260, 75.4940, 97.6903



Tritanopia

79.3739, 75.3097, 86.6967

Trichromacy



Original Color

81.8228, 75.5639, 98.2685

Protanomaly

76.6101, 75.4751, 101.7971

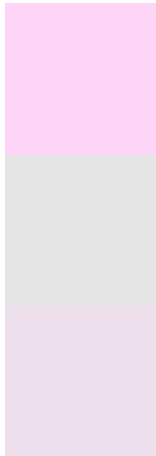
Deuteranomaly

78.7556, 75.5126, 97.6133

Tritanomaly

80.2057, 75.2784, 90.4237

Monochromacy



Original Color

81.8228, 75.5639, 98.2685

Achromatopsia

74.4753, 78.3538, 85.3273

Achromatomaly

76.7879, 77.0086, 90.1739

CSS Examples

Text

The CSS property to change the color of the text to XYZ 81.8228, 75.5639, 98.2685 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, 213, 247)` looks like.

```
.text, #text, p{  
    color:rgb(255, 213, 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, 213, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 213, 247) }
```

Border

The CSS property to change the border of an element to XYZ 81.8228, 75.5639, 98.2685 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, 213, 247) }
```


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

```
.border{ border-color:rgb(255, 213, 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, 213, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 213, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 213, 247);  
box-shadow:4px 4px 4px 4px rgb(255, 213,  
247) }
```

Background

The CSS property to change the background color of an element to XYZ 81.8228, 75.5639, 98.2685 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 213, 247) }
```

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

```
.background{ background-color: rgb(255,  
213, 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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