

Converting Colors

XYZ(81.6622, 74.9586, 99.0909)

Have a look what the booklet for
XYZ(81.6622, 74.9586, 99.0909)
contains.

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Color

**XYZ(81.7268, 75.1243,
98.9999)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD4F8
RGB	255, 212, 248
RGB Percent	100%, 83%, 97%
CMY	0.0000, 0.1686, 0.0274
CMYK	0.00, 0.17, 0.03, 0.00
HSL	310°, 100%, 92%
HSV	310°, 17%, 100%
XYZ	81.7268, 75.1243, 98.9999
YIQ	228.9610, 14.0720, 20.3120

Conversions

Conversions Part 2

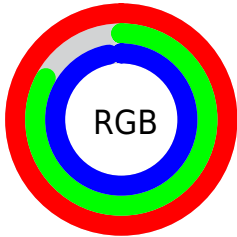
Format	Color
R_{YB}	255, 212, 248
Decimal	16766200
CIE _{Lab}	89.45, 20.93, -11.94
CIE _{LCh}	89, 24.095, 330.286
Yxy	75.1243, 0.3194, 0.2936
Android (android.graphics.Color)	4294956280 (0xFFFFD4F8)
YUV	228.9610, 9.3862, 22.8362
Hunter-Lab	86.6743, 16.6310, -7.0494

Details

The XYZ color **81.7268, 75.1243, 98.9999** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **75.6998, 90.6326, 80.5250**, and the grayscale version is **74.3750, 78.2483, 85.2124**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **44.8601, 39.9255, 55.2112** is the 20% darker color. If you saturate the color by 10%, you get **75.2121, 63.1139, 93.6870**, and if you desaturate by 10%, it is **89.2657, 89.1596, 104.7267**.

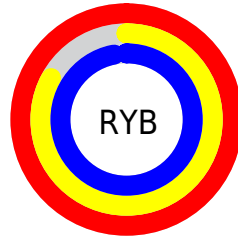
Distribution



Red (100%)

Green (83%)

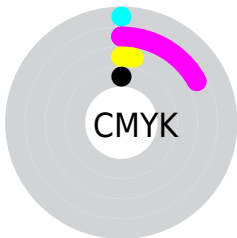
Blue (97%)



Red (100%)

Yellow (83%)

Blue (97%)

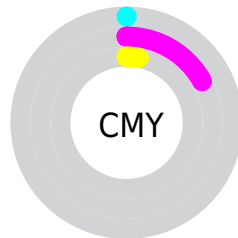


Cyan (0%)

Magenta (17%)

Yellow (3%)

Black (0%)



Cyan (0%)


Magenta (17%)


Yellow (3%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 81.7268, 75.1243, 98.9999 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 81.7268, 75.1243, 98.9999 by changing the saturation by 10% instead.


 81.7268, 75.1243,
98.9999

 81.7268, 75.1243,
98.9999


489.3818,
478.3447, 578.2007

 61.4537, 55.7147,
74.8534


134.7286,
126.4883, 161.8220

 44.8454, 39.9742,
54.9918


168.1881,
159.2115, 201.3346

 31.5364, 27.5185,
38.9966


206.7737,
197.1414, 246.8064

 21.1615, 17.9630,
26.4492

250.8509,
240.6623, 298.6558

 13.3552, 10.9234,
16.9312

300.7849,
290.1588, 357.3014

 7.7523, 6.0154,
10.0240

356.9411,

 3.9873, 2.8544,

346.0150, 423.1617

5.3091

419.6850,
408.6155, 496.6553

■ 1.6950, 1.0562,
2.3678

■ 0.4531, 0.0000,
0.7689

■ 81.7268, 75.1243,
98.9999

■ 81.7268, 75.1243,
98.9999

■ 75.2121, 63.1139,
93.6870

■ 89.2657, 89.1596,
104.7267

■ 69.6694, 53.0252,
88.7671

95.0500, 100.0000,
108.9000

■ 65.0495, 44.7594,
84.2243

■ 61.2966, 38.2051,
80.0397

■ 58.3489, 33.2391,
76.1921

■ 56.1365, 29.7214,
72.6578

■ 54.5769, 27.4876,
69.4088

■ 53.5662, 26.3295,
66.4100

■ 53.3126, 26.0891,
65.5036

Harmonies

Analogous

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



77.2846, 75.1243, 113.2171



81.7268, 75.1243, 98.9999



83.3714, 75.1243, 81.6356

Triad

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



81.7268, 75.1243, 98.9999



71.3468, 75.1243, 53.3961



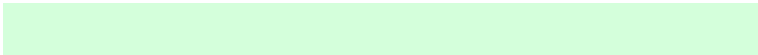
62.0396, 75.1243, 99.3190

Complementary

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



81.7268, 75.1243, 98.9999



75.6998, 90.6326, 80.5250

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.



60.6393, 75.1243, 81.9598



81.7268, 75.1243, 98.9999



65.8284, 75.1243, 56.8058

Square

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



81.7268, 75.1243, 98.9999



77.1813, 75.1243, 56.6788



61.9881, 75.1243, 66.7132



65.9213, 75.1243, 113.4185

Rectangle

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



81.7268, 75.1243, 98.9999



82.5930, 75.1243, 71.0326



61.9881, 75.1243, 66.7132



61.2730, 75.1243, 93.5987

Sweetspot

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



81.7284, 75.1273, 99.0015



90.7842, 92.0002, 105.8385



70.6446, 69.2856, 104.2578



19.3079, 19.4603, 22.5635



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.



81.7284, 75.1273, 99.0015



79.5748, 71.1425, 97.2895



78.6575, 73.8989, 82.8302



18.6582, 18.2466, 22.0831



27.9043, 13.6510, 34.4760



2.7493, 1.3421, 3.5274

Inverse Universe

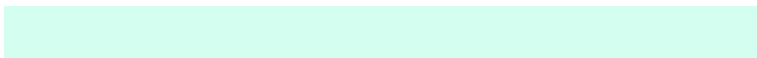
The Inverse Universe completely reimagines the original color for something new.



81.7284, 75.1273, 99.0015



79.5748, 71.1425, 97.2895



78.6341, 91.8063, 95.9767



18.6582, 18.2466, 22.0831



27.9043, 13.6510, 34.4760



2.7493, 1.3421, 3.5274

Previews

White Background



This preview shows how the XYZ color 81.7268, 75.1243, 98.9999 looks on a white background.

Color Contrast Check

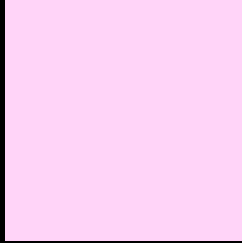
Large Text (above 18pt) WCAG AA × Fail

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 81.7268, 75.1243, 98.9999 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 81.7268, 75.1243, 98.9999

Background



This preview shows how black text looks on a background with the XYZ color 81.7268, 75.1243, 98.9999.



This preview shows how white text looks on a background with the XYZ color 81.7268, 75.1243,

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

81.7268, 75.1243, 98.9999

Protanopia

73.9529, 75.2110, 105.2272

Deuteranopia

77.0451, 75.3830, 98.4853



Tritanopia

79.3739, 75.3097, 86.6967

Trichromacy



Original Color

81.7268, 75.1243, 98.9999

Protanomaly

76.5065, 75.0149, 102.5425

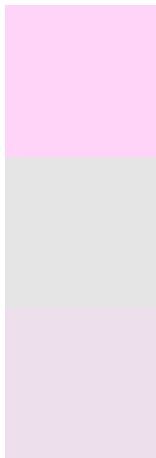
Deuteranomaly

78.6526, 75.0602, 98.3383

Tritanomaly

80.3522, 75.3370, 91.1954

Monochromacy



Original Color

81.7268, 75.1243, 98.9999

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 81.7268, 75.1243, 98.9999 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, 248)` looks like.

```
.text, #text, p{  
    color:rgb(255, 212, 248)  
}
```

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, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 212, 248) }
```

Border

The CSS property to change the border of an element to XYZ 81.7268, 75.1243, 98.9999 is called "border". The border property can be set on classes, ids or directly on the HTML element.

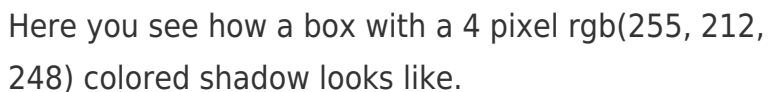
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 212, 248) }
```


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

```
.border{ border-color:rgb(255, 212, 248) }
```

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, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 212, 248); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 212, 248); box-shadow:4px 4px 4px 4px rgb(255, 212, 248) }
```

Background

The CSS property to change the background color of an element to XYZ 81.7268, 75.1243, 98.9999 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, 248) }
```

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

```
.background{ background-color: rgb(255,  
212, 248) }
```

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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