

# Converting Colors

XYZ(79.4527, 72.6451, 99.8285)

Have a look what the booklet for  
XYZ(79.4527, 72.6451, 99.8285)  
contains.

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# Color

**XYZ(79.3237, 72.7645,  
99.4867)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FAD1F9
RGB	250, 209, 249
RGB Percent	98%, 82%, 98%
CMY	0.0196, 0.1804, 0.0235
CMYK	0.00, 0.16, 0.00, 0.02
HSL	301°, 80%, 90%
HSV	301°, 16%, 98%
XYZ	79.3237, 72.7645, 99.4867
YIQ	225.8190, 11.5960, 21.1320

# Conversions

## Conversions Part 2

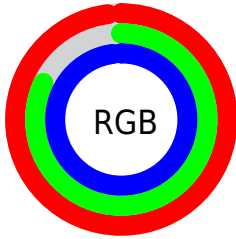
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	250, 209, 249
Decimal	16437753
CIE Lab	88.34, 21.03, -14.18
CIE LCh	88, 25.367, 326.001
Yxy	72.7645, 0.3153, 0.2892
Android (android.graphics.Color)	4294627833 (0xFFFAD1F9)
YUV	225.8190, 11.4282, 21.2067
Hunter-Lab	85.3021, 16.7111, -9.4376

# Details

The XYZ color **79.3237, 72.7645, 99.4867** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **72.1158, 86.5818, 73.8877**, and the grayscale version is **72.0741, 75.8276, 82.5762**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.1736, 38.2989, 55.5690** is the 20% darker color. If you saturate the color by 10%, you get **73.5706, 61.4092, 97.1012**, and if you desaturate by 10%, it is **86.0438, 86.0510, 102.1978**.

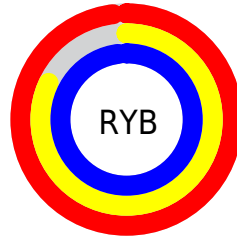
# Distribution



Red (98%)

Green (82%)

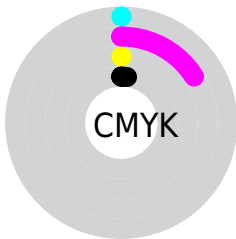
Blue (98%)



Red (98%)

Yellow (82%)

Blue (98%)

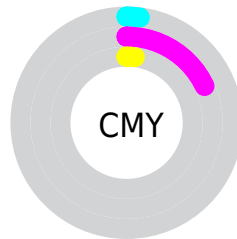


Cyan (0%)

Magenta (16%)

Yellow (0%)

Black (2%)



Cyan (2%)

Magenta (18%)


Yellow (2%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 79.3237, 72.7645, 99.4867 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 79.3237, 72.7645, 99.4867 by changing the saturation by 10% instead.




 79.3237, 72.7645,  
99.4867

 79.3237, 72.7645,  
99.4867

481.4220,  
470.1982, 579.7783

 59.4685, 53.7834,  
75.2574


131.3700,  
123.1428, 162.4973

 43.2382, 38.4285,  
55.3208


164.2918,  
155.3089, 202.1158

 30.2674, 26.3155,  
39.2583


202.3000,  
192.6387, 247.7010

 20.1907, 17.0598,  
26.6514

245.7597,  
235.5167, 299.6716

 12.6428, 10.2771,  
17.0814

295.0364,  
284.3272, 358.4461

 7.2584, 5.5831,  
10.1300

350.4955,

 3.6720, 2.5933,

339.4547, 424.4431

5.3785

412.5022,  
401.2836, 498.0809

■ 1.5183, 0.9233,  
2.4084

■ 0.3382, 0.0000,  
0.7910

■ 79.3237, 72.7645,  
99.4867

■ 79.3237, 72.7645,  
99.4867

■ 73.5706, 61.4092,  
97.1012

■ 86.0438, 86.0510,  
102.1978

■ 68.7334, 51.8862,  
95.0216

■ 92.4750, 98.7603,  
104.8132

■ 64.7657, 44.1019,  
93.2334

■ 92.5709, 98.7987,  
105.3184

■ 61.6150, 37.9510,  
91.7191

■ 92.6672, 98.8372,  
105.8253

59.2227, 33.3165,  
90.4591

92.7637, 98.8758,  
106.3338

57.5227, 30.0662,  
89.4313

92.8606, 98.9146,  
106.8439

56.4375, 28.0448,  
88.6100

92.9578, 98.9534,  
107.3557

55.8702, 27.0588,  
87.9629

93.0553, 98.9924,  
107.8691

55.7391, 26.8500,  
87.7546

93.1531, 99.0316,  
108.3841

# Harmonies

## Analogous

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



74.4189, 72.7645, 113.3319



79.3237, 72.7645, 99.4867



81.5043, 72.7645, 81.5886

# Triad

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



79.3237, 72.7645, 99.4867



69.9798, 72.7645, 50.2758



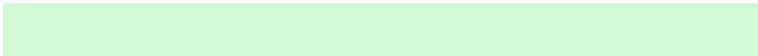
59.1661, 72.7645, 94.8486

# Complementary

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



79.3237, 72.7645, 99.4867



72.1158, 86.5818, 73.8877

# 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.



58.1304, 72.7645, 76.9137



79.3237, 72.7645, 99.4867



64.1558, 72.7645, 52.7604

# Square

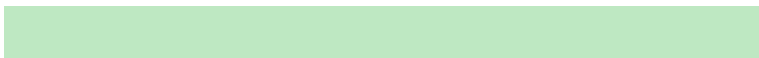
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



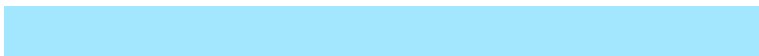
79.3237, 72.7645, 99.4867



75.9132, 72.7645, 54.5630



59.9047, 72.7645, 61.9253



62.8206, 72.7645, 110.3903



# Rectangle

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



79.3237, 72.7645, 99.4867



81.0311, 72.7645, 70.3436



59.9047, 72.7645, 61.9253



58.5097, 72.7645, 88.8310

# Sweetspot

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



79.3259, 72.7677, 99.4883



91.0665, 92.1132, 107.3253



66.5473, 66.1620, 99.7069



19.3767, 19.4879, 22.9262



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.



79.3259, 72.7677, 99.4883



80.6831, 71.5858, 103.1259



76.3446, 71.5751, 83.7889



17.9737, 17.5168, 21.7172



29.5737, 14.2452, 46.5910



2.7447, 1.3216, 4.3449



# Inverse Universe

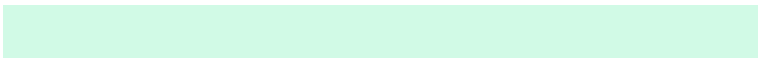
The Inverse Universe completely reimagines the original color for something new.



79.3259, 72.7677, 99.4883



80.6831, 71.5858, 103.1259



74.7914, 87.6520, 87.9772



17.9737, 17.5168, 21.7172



29.5737, 14.2452, 46.5910



2.7447, 1.3216, 4.3449



# Previews

## White Background



This preview shows how the XYZ color 79.3237, 72.7645, 99.4867 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

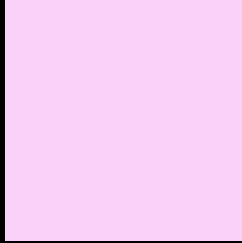
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 79.3237, 72.7645, 99.4867 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

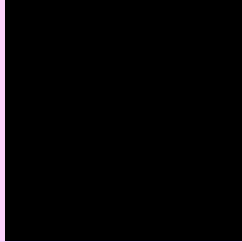
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**XYZ 79.3237, 72.7645, 99.4867**

## **Background**



This preview shows how black text looks on a background with the XYZ color 79.3237, 72.7645, 99.4867.



This preview shows how white text looks on a background with the XYZ color 79.3237, 72.7645,



# 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

79.3237, 72.7645, 99.4867

### Protanopia

71.9621, 73.0053, 104.9064

### Deuteranopia

74.4541, 72.8780, 98.9496



## Tritanopia

76.0441, 72.5183, 84.1182

# Trichromacy



## Original Color

79.3237, 72.7645, 99.4867

## Protanomaly

74.2804, 72.6976, 103.0455

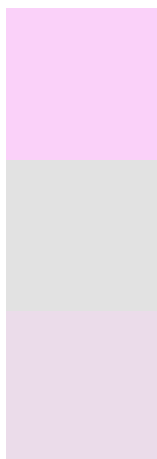
## Deuteranomaly

75.9974, 72.5430, 98.8036

## Tritanomaly

77.1460, 72.6011, 89.3043

# Monochromacy



## Original Color

79.3237, 72.7645, 99.4867

## Achromatopsia

72.2879, 76.0525, 82.8211

## Achromatomaly

74.7054, 74.7891, 88.3402

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 79.3237, 72.7645, 99.4867 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(250, 209, 249)` looks like.

```
.text, #text, p{  
    color:rgb(250, 209, 249)  
}
```

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(250, 209, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 209, 249) }
```

## Border

The CSS property to change the border of an element to XYZ 79.3237, 72.7645, 99.4867 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(250, 209, 249) }
```



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

```
.border{ border-color:rgb(250, 209, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 209, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 209, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 209, 249);  
box-shadow:4px 4px 4px 4px rgb(250, 209,  
249) }
```

# Background

The CSS property to change the background color of an element to XYZ 79.3237, 72.7645, 99.4867 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 209, 249) }
```

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

```
.background{ background-color: rgb(250,  
209, 249) }
```

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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