

Converting Colors

XYZ(91.2836, 68.6464, 98.2935)

Have a look what the booklet for
XYZ(91.2836, 68.6464, 98.2935)
contains.

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Color

**XYZ(74.2593, 59.9403,
97.2783)**

Conversions

Conversions Part 1

Format	Color
Hex	FFB2F9
RGB	255, 178, 249
RGB Percent	100%, 70%, 98%
CMY	0.0000, 0.3019, 0.0235
CMYK	0.00, 0.30, 0.02, 0.00
HSL	305°, 100%, 85%
HSV	305°, 30%, 100%
XYZ	74.2593, 59.9403, 97.2783
YIQ	209.1170, 23.1010, 38.4050

Conversions

Conversions Part 2

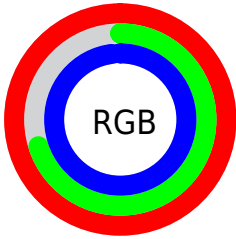
Format	Color
R _Y B	255, 178, 249
Decimal	16757497
CIE Lab	81.81, 38.94, -24.00
CIE LCh	82, 45.736, 328.355
Yxy	59.9403, 0.3208, 0.2589
Android (android.graphics.Color)	4294947577 (0xFFFFB2F9)
YUV	209.1170, 19.6623, 40.2394
Hunter-Lab	77.4211, 35.7232, -20.3021

Details

The XYZ color **74.2593, 59.9403, 97.2783** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **62.7736, 84.4465, 58.3412**, and the grayscale version is **60.5471, 63.7003, 69.3696**.

A 20% lighter version of the original color is **88.9983, 87.8967, 106.8828**, and **39.7480, 30.0914, 53.5824** is the 20% darker color. If you saturate the color by 10%, you get **69.3412, 50.5972, 94.1188**, and if you desaturate by 10%, it is **80.1262, 71.1753, 100.7719**.

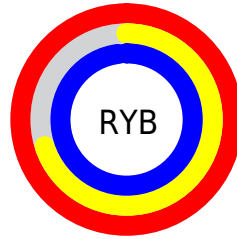
Distribution



Red (100%)

Green (70%)

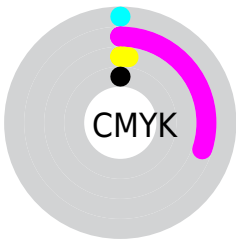
Blue (98%)



Red (100%)

Yellow (70%)

Blue (98%)

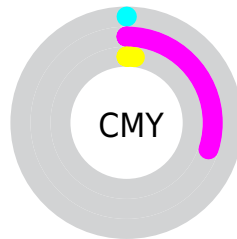


Cyan (0%)

Magenta (30%)

Yellow (2%)

Black (0%)



Cyan (0%)

Magenta (30%)


Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 74.2593, 59.9403, 97.2783 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 74.2593, 59.9403, 97.2783 by changing the saturation by 10% instead.


 74.2593, 59.9403,
97.2783

 74.2593, 59.9403,
97.2783


464.4043,
424.3777, 572.6029

 55.2983, 43.3705,
73.4253


 124.2568,
104.7431, 159.4310

 39.8754, 30.1759,
53.8299

156.0241,
133.7448, 198.5678

 27.6252, 19.9722,
38.0734


192.7909,
167.6594, 243.6363

 18.1823, 12.3748,
25.7374

234.9225,
206.8711, 295.0550

 11.1814, 6.9995,
16.4033

282.7843,
251.7644, 353.2424

 6.2572, 3.4618,
9.6525


336.7416,


 3.0442, 1.3773,

302.7237, 418.6172


5.0666


397.1598,
360.1333, 491.5979


 1.1772, 0.1999,
2.2270


 0.0883, 0.0000,
0.6899


 74.2593, 59.9403,
97.2783


 74.2593, 59.9403,
97.2783

 69.3412, 50.5972,
94.1188


 80.1262, 71.1753,
100.7719

 65.3157, 43.0344,
91.2722

 86.9864, 84.3919,
104.6120

 62.1267, 37.1394,
88.7204

94.8863, 99.6825,
108.8148

 59.7101, 32.7837,
86.4421

95.0500, 100.0000,
108.9000

■ 57.9922, 29.8206,
84.4127

■ 56.8855, 28.0746,
82.6030

■ 56.2545, 27.2658,
80.9952

Harmonies

Analogous

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



66.2392, 59.9403, 124.0381



74.2593, 59.9403, 97.2783



77.5884, 59.9403, 66.8013

Triad

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



74.2593, 59.9403, 97.2783



57.5055, 59.9403, 25.2738



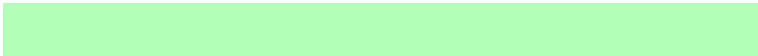
42.1623, 59.9403, 93.8731

Complementary

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



74.2593, 59.9403, 97.2783



62.7736, 84.4465, 58.3412

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.



40.3743, 59.9403, 63.7520



74.2593, 59.9403, 97.2783



48.6112, 59.9403, 28.7994

Square

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



74.2593, 59.9403, 97.2783



67.2639, 59.9403, 29.6921



42.5993, 59.9403, 41.1803



47.7864, 59.9403, 121.7135

Rectangle

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



74.2593, 59.9403, 97.2783



76.4445, 59.9403, 49.9301



42.5993, 59.9403, 41.1803



41.1226, 59.9403, 83.4558

Sweetspot

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



74.2606, 59.9426, 97.2795



87.8741, 86.1067, 105.0944



53.5329, 49.1473, 101.2726



18.5776, 17.9839, 22.3688



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.



74.2606, 59.9426, 97.2795



71.2924, 54.2933, 95.4051



68.9658, 57.8247, 69.3978



18.7280, 18.2745, 22.4508



29.4198, 14.2572, 42.4569



2.8819, 1.3951, 4.2256

Inverse Universe

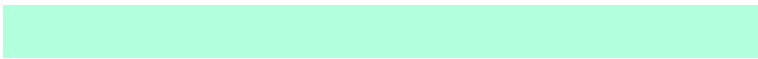
The Inverse Universe completely reimagines the original color for something new.



74.2606, 59.9426, 97.2795



71.2924, 54.2933, 95.4051



67.2574, 86.2401, 81.9527



18.7280, 18.2745, 22.4508



29.4198, 14.2572, 42.4569



2.8819, 1.3951, 4.2256

Previews

White Background



This preview shows how the XYZ color 74.2593, 59.9403, 97.2783 looks on a white background.

Color Contrast Check

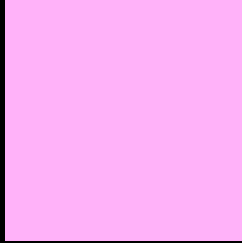
Large Text (above 18pt) WCAG AA × Fail

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 74.2593, 59.9403, 97.2783 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

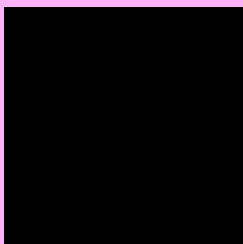
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 74.2593, 59.9403, 97.2783

Background



This preview shows how black text looks on a background with the XYZ color 74.2593, 59.9403, 97.2783.



This preview shows how white text looks on a background with the XYZ color 74.2593, 59.9403,

97.2783.

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

74.2593, 59.9403, 97.2783

Protanopia

60.4057, 60.4082, 103.0840

Deuteranopia

61.5335, 60.1359, 94.7504



Tritanopia

67.3799, 59.8974, 63.2684

Trichromacy



Original Color

74.2593, 59.9403, 97.2783



Protanomaly

64.5311, 59.5279, 101.0174



Deuteranomaly

65.3896, 59.4450, 95.2164



Tritanomaly

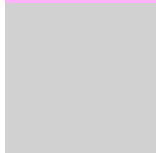
69.5790, 59.8522, 74.2151

Monochromacy



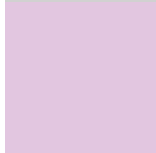
Original Color

74.2593, 59.9403, 97.2783



Achromatopsia

60.6036, 63.7597, 69.4343



Achromatomaly

65.0127, 61.9387, 79.0498

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.2593, 59.9403, 97.2783 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, 178, 249)` looks like.

```
.text, #text, p{  
    color:rgb(255, 178, 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(255, 178, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 178, 249) }
```

Border

The CSS property to change the border of an element to XYZ 74.2593, 59.9403, 97.2783 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, 178, 249) }
```


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

```
.border{ border-color:rgb(255, 178, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 178, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 178, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 178, 249);  
box-shadow:4px 4px 4px 4px rgb(255, 178,  
249) }
```

Background

The CSS property to change the background color of an element to XYZ 74.2593, 59.9403, 97.2783 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 178, 249) }
```

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

```
.background{ background-color: rgb(255,  
178, 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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