

Converting Colors

XYZ(73.9355, 59.1631, 97.5705)

Have a look what the booklet for
XYZ(73.9355, 59.1631, 97.5705)
contains.

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Color

**XYZ(74.0207, 59.2128,
97.9704)**

Conversions

Conversions Part 1

Format	Color
Hex	FFB0FA
RGB	255, 176, 250
RGB Percent	100%, 69%, 98%
CMY	0.0000, 0.3098, 0.0196
CMYK	0.00, 0.31, 0.02, 0.00
HSL	304°, 100%, 85%
HSV	304°, 31%, 100%
XYZ	74.0207, 59.2128, 97.9704
YIQ	208.0570, 23.3300, 39.7620

Conversions

Conversions Part 2

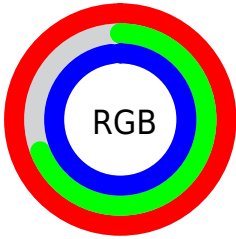
Format	Color
R _Y B	255, 176, 250
Decimal	16756986
CIE Lab	81.41, 40.15, -25.14
CIE LCh	81, 47.373, 327.954
Yxy	59.2128, 0.3202, 0.2561
Android (android.graphics.Color)	4294947066 (0xFFFFB0FA)
YUV	208.0570, 20.6779, 41.1690
Hunter-Lab	76.9499, 37.0430, -21.6215

Details

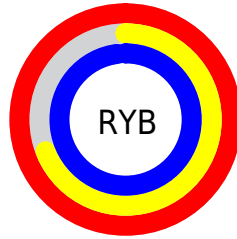
The XYZ color **74.0207, 59.2128, 97.9704** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **62.0067, 84.0872, 56.6809**, and the grayscale version is **59.8521, 62.9690, 68.5733**.

A 20% lighter version of the original color is **88.1466, 86.1932, 106.5989**, and **39.6111, 29.6396, 54.0854** is the 20% darker color. If you saturate the color by 10%, you get **69.2307, 50.0358, 95.1314**, and if you desaturate by 10%, it is **79.7544, 70.2733, 101.1363**.

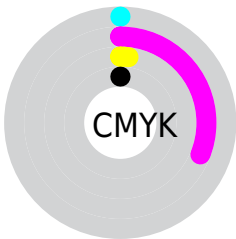
Distribution



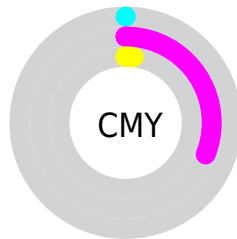
- Red (100%)
- Green (69%)
- Blue (98%)



- Red (100%)
- Yellow (69%)
- Blue (98%)



- Cyan (0%)
- Magenta (31%)
- Yellow (2%)
- Black (0%)





- Cyan (0%)
- Magenta (31%)
- Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 74.0207, 59.2128, 97.9704 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 74.0207, 59.2128, 97.9704 by changing the saturation by 10% instead.

 74.0207, 59.2128,
97.9704

 74.0207, 59.2128,
97.9704


463.5940,
421.6901, 574.8568

 55.1023, 42.7844,
73.9992


 123.9205,
103.6869, 160.3927

 39.7178, 29.7160,
54.2966


155.6326,
132.5014, 199.6809

 27.5018, 19.6231,
38.4441


192.3400,
166.2134, 244.9119

 18.0890, 12.1214,
26.0230

234.4081,
205.2074, 296.5041

 11.1140, 6.8264,
16.6149

282.2022,
249.8676, 354.8762

 6.2114, 3.3538,
9.8013

336.0876,

 3.0159, 1.3191,

300.5785, 420.4466

5.1635

396.4298,
357.7246, 493.6340

■ 1.1622, 0.1559,
2.2831

■ 0.0762, 0.0000,
0.7217

■ 74.0207, 59.2128,
97.9704

■ 74.0207, 59.2128,
97.9704

■ 69.2307, 50.0358,
95.1314

■ 79.7544, 70.2733,
101.1363

■ 65.3279, 42.6301,
92.5979

■ 86.4767, 83.3077,
104.6416

■ 62.2558, 36.8822,
90.3520

■ 94.2340, 98.4087,
108.5027

■ 59.9495, 32.6624,
88.3720

■ 95.0500, 100.0000,
108.9000

■ 58.3346, 29.8223,
86.6330

■ 57.3221, 28.1833,
85.1053

■ 56.7998, 27.4839,
83.8665

Harmonies

Analogous

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



65.6905, 59.2128, 125.6704



74.0207, 59.2128, 97.9704



77.5453, 59.2128, 66.4405

Triad

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



74.0207, 59.2128, 97.9704



56.9630, 59.2128, 23.8750



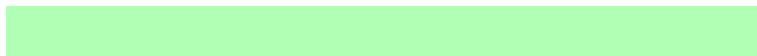
41.0739, 59.2128, 93.5777

Complementary

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



74.0207, 59.2128, 97.9704



62.0067, 84.0872, 56.6809

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.



39.3080, 59.2128, 62.5440



74.0207, 59.2128, 97.9704



47.8141, 59.2128, 27.2906

Square

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



74.0207, 59.2128, 97.9704



67.0053, 59.2128, 28.4037



41.6278, 59.2128, 39.6405



46.7650, 59.2128, 122.6549

Rectangle

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



74.0207, 59.2128, 97.9704



76.4172, 59.2128, 49.0752



41.6278, 59.2128, 39.6405



40.0331, 59.2128, 82.7946

Sweetspot

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



74.0219, 59.2151, 97.9716



87.9277, 86.1282, 105.3767



52.3885, 47.9708, 101.1059



18.5909, 17.9893, 22.4389



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.



74.0219, 59.2151, 97.9716



71.0272, 53.4690, 96.2235



68.5938, 57.0438, 69.3875



18.7401, 18.2794, 22.5145



29.7004, 14.3694, 43.9341



2.9062, 1.4049, 4.3537

Inverse Universe

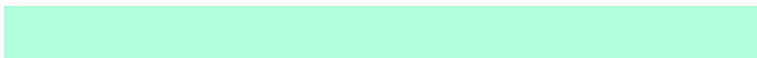
The Inverse Universe completely reimagines the original color for something new.



74.0219, 59.2151, 97.9716



71.0272, 53.4690, 96.2235



66.5116, 85.8891, 80.4034



18.7401, 18.2794, 22.5145



29.7004, 14.3694, 43.9341



2.9062, 1.4049, 4.3537

Previews

White Background



This preview shows how the XYZ color 74.0207, 59.2128, 97.9704 looks on a white background.

Color Contrast Check

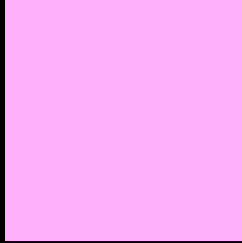
Large Text (above 18pt) WCAG AA × Fail

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 74.0207, 59.2128, 97.9704 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 74.0207, 59.2128, 97.9704

Background



This preview shows how black text looks on a background with the XYZ color 74.0207, 59.2128, 97.9704.



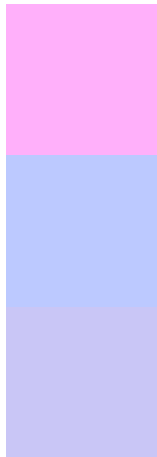
This preview shows how white text looks on a background with the XYZ color 74.0207, 59.2128,

97.9704.

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

74.0207, 59.2128, 97.9704

Protanopia

59.6757, 59.6847, 102.9828

Deuteranopia

60.9160, 59.4595, 95.4550



Tritanopia

66.6956, 59.2444, 62.5637

Trichromacy



Original Color

74.0207, 59.2128, 97.9704



Protanomaly

63.7306, 58.7882, 100.9168



Deuteranomaly

65.0208, 58.9145, 95.9404



Tritanomaly

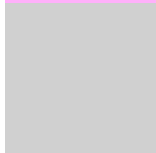
69.1665, 59.0271, 74.0776

Monochromacy



Original Color

74.0207, 59.2128, 97.9704



Achromatopsia

59.9535, 63.0757, 68.6895



Achromatomaly

64.1105, 60.8151, 78.1715

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.0207, 59.2128, 97.9704 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, 176, 250)` looks like.

```
.text, #text, p{  
    color:rgb(255, 176, 250)  
}
```

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, 176, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 176, 250) }
```

Border

The CSS property to change the border of an element to XYZ 74.0207, 59.2128, 97.9704 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, 176, 250) }
```


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

```
.border{ border-color:rgb(255, 176, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 176, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 176, 250); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 176, 250); box-shadow:4px 4px 4px 4px rgb(255, 176, 250) }
```

Background

The CSS property to change the background color of an element to XYZ 74.0207, 59.2128, 97.9704 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 176, 250) }
```

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

```
.background{ background-color: rgb(255,  
176, 250) }
```

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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