

Converting Colors

XYZ(79.3163, 72.9762, 99.8472)

Have a look what the booklet for
XYZ(79.3163, 72.9762, 99.8472)
contains.

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Color

**XYZ(79.2124, 73.0725,
99.5520)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | F9D2F9 |
| RGB | 249, 210, 249 |
| RGB Percent | 98%, 82%, 98% |
| CMY | 0.0235, 0.1764, 0.0235 |
| CMYK | 0.00, 0.16, 0.00, 0.02 |
| HSL | 300°, 76%, 90% |
| HSV | 300°, 16%, 98% |
| XYZ | 79.2124, 73.0725, 99.5520 |
| YIQ | 226.1070, 10.7250, 20.3970 |

Conversions

Conversions Part 2

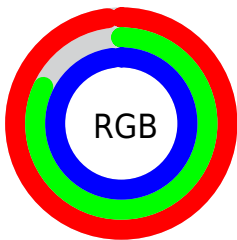
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 249, 210, 249 |
| Decimal | 16372473 |
| CIE Lab | 88.48, 20.18, -13.97 |
| CIE LCh | 88, 24.543, 325.295 |
| Yxy | 73.0725, 0.3145, 0.2902 |
| Android (android.graphics.Color) | 4294562553 (0xFFFF9D2F9) |
| YUV | 226.1070, 11.2862, 20.0772 |
| Hunter-Lab | 85.4825, 15.8129, -9.2108 |

Details

The XYZ color **79.2124, 73.0725, 99.5520** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **72.0897, 86.1083, 73.7977**, and the grayscale version is **72.2835, 76.0479, 82.8161**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.0852, 38.4994, 55.6124** is the 20% darker color. If you saturate the color by 10%, you get **73.5376, 61.7218, 97.6611**, and if you desaturate by 10%, it is **85.8480, 86.3424, 101.7648**.

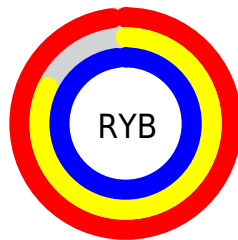
Distribution



Red (98%)

Green (82%)

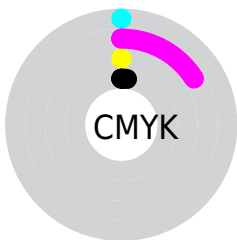
Blue (98%)



Red (98%)

Yellow (82%)

Blue (98%)

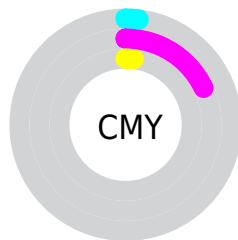


Cyan (0%)

Magenta (16%)

Yellow (0%)

Black (2%)



Cyan (2%)

Magenta (18%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 79.2124, 73.0725, 99.5520 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 79.2124, 73.0725, 99.5520 by changing the saturation by 10% instead.

79.2124, 73.0725,
99.5520

79.2124, 73.0725,
99.5520

481.0516,
471.2660, 579.9898

59.3767, 54.0352,
75.3116

131.2142,
123.5801, 162.5879

43.1640, 38.6298,
55.3650

164.1110,
155.8193, 202.2205

30.2089, 26.4719,
39.2934

202.0922,
193.2279, 247.8210

20.1460, 17.1770,
26.6785

245.5231,
236.1903, 299.8078

12.6101, 10.3608,
17.1016

294.7692,
285.0909, 358.5996

7.2358, 5.6388,
10.1442

350.1957,

3.6576, 2.6267,

340.3142, 424.6148

5.3878

412.1681,
402.2444, 498.2720

■ 1.5103, 0.9401,
2.4139

■ 0.3328, 0.0000,
0.7940

■ 79.2124, 73.0725,
99.5520

■ 79.2124, 73.0725,
99.5520

■ 73.5376, 61.7218,
97.6611

■ 85.8480, 86.3424,
101.7648

■ 68.7730, 52.1925,
96.0728

■ 91.9266, 98.4997,
103.7912

■ 64.8731, 44.3929,
94.7727

■ 91.9267, 98.4997,
103.7913

■ 61.7862, 38.2191,
93.7436

■ 91.9267, 98.4997,
103.7915

■ 59.4548, 33.5564,
92.9664

■ 91.9267, 98.4997,
103.7916

■ 57.8141, 30.2750,
92.4193

■ 91.9267, 98.4997,
103.7917

■ 56.7884, 28.2235,
92.0773

■ 91.9268, 98.4997,
103.7919

■ 56.2838, 27.2145,
91.9090

■ 91.9268, 98.4997,
103.7920

■ 56.1664, 26.9796,
91.8698

■ 91.9268, 98.4998,
103.7921

Harmonies

Analogous

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



74.4187, 73.0725, 112.7354



79.2124, 73.0725, 99.5520



81.3956, 73.0725, 82.2610

Triad

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



79.2124, 73.0725, 99.5520



70.3888, 73.0725, 51.3552



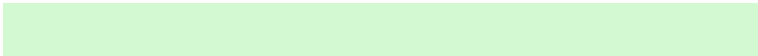
59.6846, 73.0725, 94.2828

Complementary

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



79.2124, 73.0725, 99.5520



72.0897, 86.1083, 73.7977

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.



58.7401, 73.0725, 76.9256



79.2124, 73.0725, 99.5520



64.7137, 73.0725, 53.6349

Square

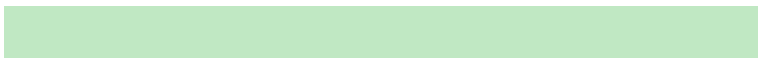
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



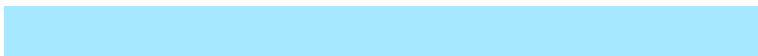
79.2124, 73.0725, 99.5520



76.1208, 73.0725, 55.7120



60.5304, 73.0725, 62.4475



63.1868, 73.0725, 109.4036

Rectangle

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



79.2124, 73.0725, 99.5520



80.9917, 73.0725, 71.2900



60.5304, 73.0725, 62.4475



59.0662, 73.0725, 88.4536

Sweetspot

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



79.2146, 73.0757, 99.5536



91.1166, 92.1332, 107.5888



66.7271, 66.6381, 98.9694



19.3889, 19.4928, 22.9905



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.



79.2146, 73.0757, 99.5536



81.4939, 72.8879, 104.3810



76.3288, 71.9214, 84.3572



17.9931, 17.5246, 21.8195



30.0645, 14.4415, 49.1758



2.7845, 1.3375, 4.5545

Inverse Universe

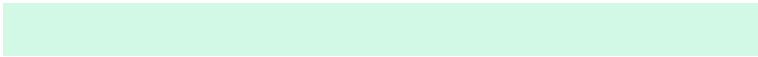
The Inverse Universe completely reimagines the original color for something new.



79.2146, 73.0757, 99.5536



81.4939, 72.8879, 104.3810



74.6694, 87.1401, 87.3822



17.9931, 17.5246, 21.8195



30.0645, 14.4415, 49.1758



2.7845, 1.3375, 4.5545

Previews

White Background



This preview shows how the XYZ color 79.2124, 73.0725, 99.5520 looks on a white background.

Color Contrast Check

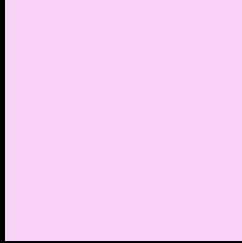
Large Text (above 18pt) WCAG AA × Fail

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 79.2124, 73.0725, 99.5520 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 79.2124, 73.0725, 99.5520

Background



This preview shows how black text looks on a background with the XYZ color 79.2124, 73.0725, 99.5520.



This preview shows how white text looks on a background with the XYZ color 79.2124, 73.0725,

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

79.2124, 73.0725, 99.5520

Protanopia

72.2254, 73.5318, 104.9941

Deuteranopia

74.7779, 73.0448, 98.9648



Tritanopia

76.0832, 72.8945, 84.9229

Trichromacy



Original Color

79.2124, 73.0725, 99.5520

Protanomaly

74.5374, 73.2115, 103.1312

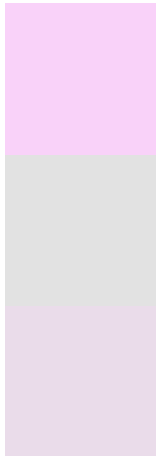
Deuteranomaly

76.2497, 73.0476, 98.8877

Tritanomaly

77.1873, 72.9755, 90.1382

Monochromacy



Original Color

79.2124, 73.0725, 99.5520

Achromatopsia

72.2879, 76.0525, 82.8211

Achromatomaly

74.3762, 74.6193, 88.3248

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.2124, 73.0725, 99.5520 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(249, 210, 249) looks like.

```
.text, #text, p{  
    color:rgb(249, 210, 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(249, 210, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 210, 249) }
```

Border

The CSS property to change the border of an element to XYZ 79.2124, 73.0725, 99.5520 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(249, 210, 249) }
```


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

```
.border{ border-color:rgb(249, 210, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 210, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 210, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 210, 249);  
box-shadow:4px 4px 4px 4px rgb(249, 210,  
249) }
```

Background

The CSS property to change the background color of an element to XYZ 79.2124, 73.0725, 99.5520 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 210, 249) }
```

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

```
.background{ background-color: rgb(249,  
210, 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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