

Converting Colors

XYZ(79.0399, 70.0064,
101.2329)

Have a look what the booklet for
XYZ(79.0399, 70.0064, 101.2329)
contains.

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Color

**XYZ(79.1992, 70.1520,
101.4619)**

Conversions

Conversions Part 1

Format	Color
Hex	FDCAFC
RGB	253, 202, 252
RGB Percent	99%, 79%, 99%
CMY	0.0078, 0.2078, 0.0118
CMYK	0.00, 0.20, 0.00, 0.01
HSL	301°, 93%, 89%
HSV	301°, 20%, 99%
XYZ	79.1992, 70.1520, 101.4619
YIQ	222.9490, 14.3460, 26.3620

Conversions

Conversions Part 2

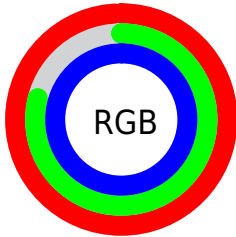
Format	Color
R _Y B	253, 202, 252
Decimal	16632572
CIE Lab	87.07, 26.23, -17.64
CIE LCh	87, 31.611, 326.081
Yxy	70.1520, 0.3158, 0.2797
Android (android.graphics.Color)	4294822652 (0xFFFDCAFC)
YUV	222.9490, 14.3221, 26.3547
Hunter-Lab	83.7568, 22.2126, -13.1934

Details

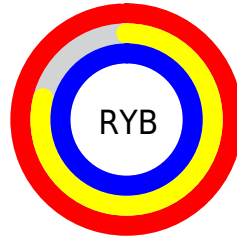
The XYZ color **79.1992, 70.1520, 101.4619** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **70.2647, 87.1209, 69.6164**, and the grayscale version is **69.9993, 73.6447, 80.1991**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.2052, 36.8557, 56.4665** is the 20% darker color. If you saturate the color by 10%, you get **73.6649, 59.2080, 99.2304**, and if you desaturate by 10%, it is **85.7110, 83.0485, 104.0218**.

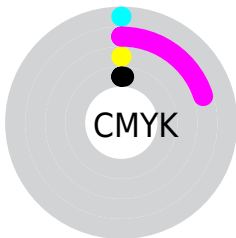
Distribution



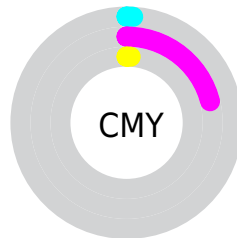
- Red (99%)
- Green (79%)
- Blue (99%)



- Red (99%)
- Yellow (79%)
- Blue (99%)



- Cyan (0%)
- Magenta (20%)
- Yellow (0%)
- Black (1%)



- Cyan (1%)
- Magenta (21%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 79.1992, 70.1520, 101.4619 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 79.1992, 70.1520, 101.4619 by changing the saturation by 10% instead.

79.1992, 70.1520,
101.4619

79.1992, 70.1520,
101.4619

481.0077,
461.0835, 586.1562

59.3658, 51.6505,
76.8983

131.1957,
119.4255, 165.2341

43.1552, 36.7265,
56.6584

164.0895,
150.9662, 205.2798

30.2019, 24.9958,
40.3235

202.0675,
187.6222, 251.3232

20.1407, 16.0740,
27.4751

245.4951,
229.7777, 303.7830

12.6062, 9.5765,
17.6948

294.7375,
277.8172, 363.0777

7.2331, 5.1191,
10.5639

350.1602,

3.6559, 2.3173,

332.1251, 429.6257

5.6640

412.1285,
393.0857, 503.8457

■ 1.5094, 0.7828,
2.5764

■ 0.3322, 0.0000,
0.8802

■ 79.1992, 70.1520,
101.4619

■ 79.1992, 70.1520,
101.4619

■ 73.6649, 59.2080,
99.2304

■ 85.7110, 83.0485,
104.0218

■ 69.0545, 50.1125,
97.3071

■ 93.2382, 97.9765,
106.9204

■ 65.3187, 42.7659,
95.6764

■ 94.0764, 99.5260,
107.5904

■ 62.4012, 37.0556,
94.3194

■ 94.1557, 99.5578,
108.0084

■ 60.2392, 32.8559, 94.2353, 99.5896,
93.2152 108.4275

■ 58.7605, 30.0227, 94.3151, 99.6216,
92.3399 108.8477

■ 57.8794, 28.3842, 94.3186, 99.6229,
91.6647 108.8658

■ 57.4579, 27.6627,
91.1497

Harmonies

Analogous

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



73.1325, 70.1520, 119.1554



79.1992, 70.1520, 101.4619



81.9087, 70.1520, 79.2035

Triad

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



79.1992, 70.1520, 101.4619



67.6549, 70.1520, 42.5072



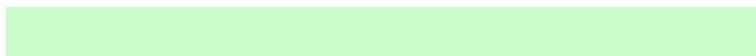
54.6934, 70.1520, 95.7421

Complementary

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



79.1992, 70.1520, 101.4619



70.2647, 87.1209, 69.6164

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.



53.4620, 70.1520, 73.6314



79.1992, 70.1520, 101.4619



60.6138, 70.1520, 45.3104

Square

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



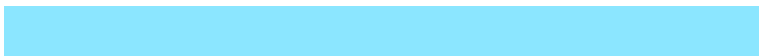
79.1992, 70.1520, 101.4619



74.9391, 70.1520, 47.3058



55.5503, 70.1520, 55.8209



59.0464, 70.1520, 115.4473

Rectangle

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



79.1992, 70.1520, 101.4619



81.3095, 70.1520, 65.6400



55.5503, 70.1520, 55.8209



53.9152, 70.1520, 88.2399

Sweetspot

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



79.2013, 70.1551, 101.4634



90.3136, 90.6044, 107.0830



63.4411, 62.0120, 101.5556



19.2254, 19.1840, 22.8795



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.



79.2013, 70.1551, 101.4634



78.3446, 66.8975, 102.3811



75.4478, 68.6537, 81.6977



18.7764, 18.2939, 22.7056



30.5719, 14.7181, 48.5237



2.9814, 1.4349, 4.7495

Inverse Universe

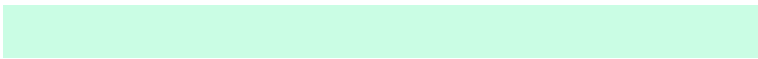
The Inverse Universe completely reimagines the original color for something new.



79.2013, 70.1551, 101.4634



78.3446, 66.8975, 102.3811



73.5372, 88.4300, 86.8493



18.7764, 18.2939, 22.7056



30.5719, 14.7181, 48.5237



2.9814, 1.4349, 4.7495

Previews

White Background



This preview shows how the XYZ color 79.1992, 70.1520, 101.4619 looks on a white background.

Color Contrast Check

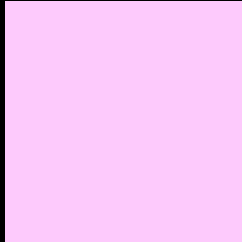
Large Text (above 18pt) WCAG AA × Fail

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 79.1992, 70.1520, 101.4619 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 79.1992, 70.1520, 101.4619

Background



This preview shows how black text looks on a background with the XYZ color 79.1992, 70.1520, 101.4619.



This preview shows how white text looks on a background with the XYZ color 79.1992, 70.1520,

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

79.1992, 70.1520, 101.4619

Protanopia

69.4412, 70.5473, 104.5648

Deuteranopia

72.1009, 70.4982, 100.2499



Tritanopia

74.6990, 70.0931, 79.4043

Trichromacy



Original Color

79.1992, 70.1520, 101.4619



Protanomaly

72.7969, 70.4115, 103.5199



Deuteranomaly

74.4740, 70.2281, 100.8970



Tritanomaly

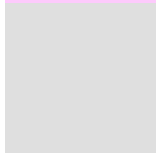
76.1069, 69.9271, 87.3279

Monochromacy



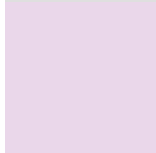
Original Color

79.1992, 70.1520, 101.4619



Achromatopsia

70.1384, 73.7910, 80.3584



Achromatomaly

73.0834, 72.0338, 87.8939

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.1992, 70.1520, 101.4619 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(253, 202, 252)` looks like.

```
.text, #text, p{  
    color:rgb(253, 202, 252)  
}
```

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(253, 202, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 202, 252) }
```

Border

The CSS property to change the border of an element to XYZ 79.1992, 70.1520, 101.4619 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(253, 202, 252) }
```


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

```
.border{ border-color:rgb(253, 202, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 202, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 202, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 202, 252);  
box-shadow:4px 4px 4px 4px rgb(253, 202,  
252) }
```

Background

The CSS property to change the background color of an element to XYZ 79.1992, 70.1520, 101.4619 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 202, 252) }
```

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

```
.background{ background-color: rgb(253,  
202, 252) }
```

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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