

Converting Colors

XYZ(79.2724, 70.6539,
102.1173)

Have a look what the booklet for
XYZ(79.2724, 70.6539, 102.1173)
contains.

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Color

**XYZ(79.2304, 70.4992,
102.3603)**

Conversions

Conversions Part 1

Format	Color
Hex	FCCBFD
RGB	252, 203, 253
RGB Percent	99%, 80%, 99%
CMY	0.0118, 0.2039, 0.0078
CMYK	0.00, 0.20, 0.00, 0.01
HSL	299°, 93%, 89%
HSV	299°, 20%, 99%
XYZ	79.2304, 70.4992, 102.3603
YIQ	223.3510, 13.1540, 25.9380

Conversions

Conversions Part 2

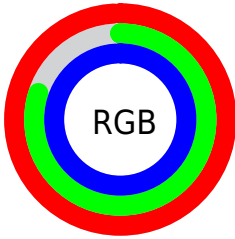
Format	Color
R _Y B	252, 203, 253
Decimal	16567293
CIE Lab	87.24, 25.56, -17.92
CIE LCh	87, 31.219, 324.965
Yxy	70.4992, 0.3143, 0.2797
Android (android.graphics.Color)	4294757373 (0xFFFCBFD)
YUV	223.3510, 14.6170, 25.1252
Hunter-Lab	83.9638, 21.5005, -13.5058

Details

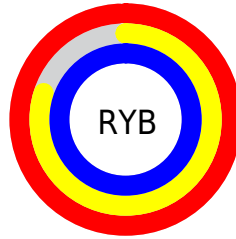
The XYZ color **79.2304, 70.4992, 102.3603** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **70.8092, 87.4016, 69.6417**, and the grayscale version is **70.2834, 73.9436, 80.5245**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.2169, 37.0825, 57.1044** is the 20% darker color. If you saturate the color by 10%, you get **73.5541, 59.4171, 100.5214**, and if you desaturate by 10%, it is **85.8864, 83.5375, 104.5272**.

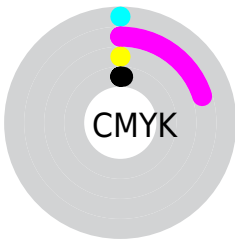
Distribution



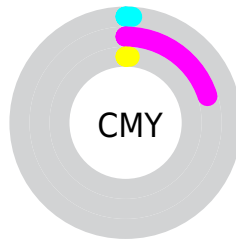
- Red (99%)
- Green (80%)
- Blue (99%)



- Red (99%)
- Yellow (80%)
- Blue (99%)



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





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

Brightness & Saturation Gradients


These gradients show how the XYZ color 79.2304, 70.4992, 102.3603 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 79.2304, 70.4992, 102.3603 by changing the saturation by 10% instead.


 79.2304, 70.4992,
102.3603

 79.2304, 70.4992,
102.3603


481.1116,
462.3008, 589.0450

 59.3915, 51.9336,
77.6453


131.2394,
119.9204, 166.4771

 43.1760, 36.9522,
57.2680


164.1402,
151.5447, 206.7160

 30.2183, 25.1705,
40.8096

202.1258,
188.2908, 252.9667

 20.1533, 16.2041,
27.8518

245.5614,
230.5430, 305.6476

 12.6154, 9.6687,
17.9759

294.8124,
278.6857, 365.1774

 7.2394, 5.1798,
10.7634

350.2442,

 3.6599, 2.3532,

333.1034, 431.9745

5.7958

412.2221,
394.1803, 506.4575

■ 1.5116, 0.8016,
2.6546

■ 0.3337, 0.0000,
0.9204

■ 79.2304, 70.4992,
102.3603

■ 79.2304, 70.4992,
102.3603

■ 73.5541, 59.4171,
100.5214

■ 85.8864, 83.5375,
104.5272

■ 68.8039, 50.1876,
98.9903

■ 93.5596, 98.6109,
107.0322

■ 64.9307, 42.7114,
97.7514

■ 94.1871, 99.5922,
107.1885

■ 61.8785, 36.8763,
96.7860

■ 94.3721, 99.6875,
107.1972

■ 59.5845, 32.5573, 94.5575, 99.7831,
96.0733 107.2059

■ 57.9774, 29.6110, 94.7298, 99.8719,
95.5893 107.2139

■ 56.9718, 27.8672,
95.3057

■ 56.4315, 27.0531,
95.1770

■ 56.4206, 27.0378,
95.1746

Harmonies

Analogous

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



73.1375, 70.4992, 119.5062



79.2304, 70.4992, 102.3603



82.0599, 70.4992, 80.3611

Triad

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



79.2304, 70.4992, 102.3603



68.2527, 70.4992, 43.1489



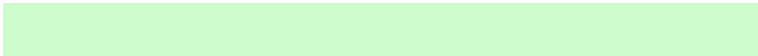
55.0185, 70.4992, 95.1010

Complementary

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



79.2304, 70.4992, 102.3603



70.8092, 87.4016, 69.6417

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.



53.9183, 70.4992, 73.2713



79.2304, 70.4992, 102.3603



61.2298, 70.4992, 45.6602

Square

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



79.2304, 70.4992, 102.3603



75.4336, 70.4992, 48.2134



56.1109, 70.4992, 55.8319



59.2332, 70.4992, 114.8078

Rectangle

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



79.2304, 70.4992, 102.3603



81.5757, 70.4992, 66.7975



56.1109, 70.4992, 55.8319



54.2858, 70.4992, 87.6705

Sweetspot

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



79.2325, 70.5023, 102.3618



90.2494, 90.5657, 107.3320



64.1130, 63.2953, 101.7676



19.2102, 19.1748, 22.9386



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.



79.2325, 70.5023, 102.3618



78.0885, 66.7432, 103.3748



76.1024, 69.2921, 83.9839



18.7546, 18.2808, 22.7900



30.0293, 14.3912, 50.6296



2.9349, 1.4069, 4.9301

Inverse Universe

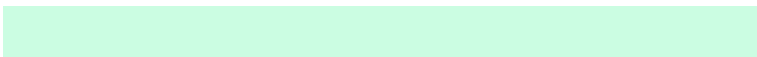
The Inverse Universe completely reimagines the original color for something new.



72.7655, 67.9574, 66.4122



70.3403, 63.6958, 60.2311



73.5296, 88.4582, 85.3929



18.0241, 17.9930, 18.7442



21.5697, 11.1172, 1.1188



2.1051, 1.0844, 0.1350

Previews

White Background



This preview shows how the XYZ color 79.2304, 70.4992, 102.3603 looks on a white background.

Color Contrast Check

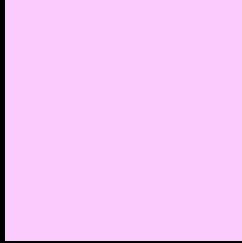
Large Text (above 18pt) WCAG AA × Fail

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 79.2304, 70.4992, 102.3603 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

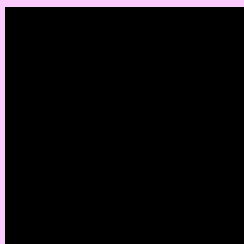
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 79.2304, 70.4992, 102.3603

Background



This preview shows how black text looks on a background with the XYZ color 79.2304, 70.4992, 102.3603.



This preview shows how white text looks on a background with the XYZ color 79.2304, 70.4992,

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

79.2304, 70.4992, 102.3603

Protanopia

69.7268, 70.6946, 104.5782

Deuteranopia

72.2582, 70.5611, 101.0780



Tritanopia

74.7218, 70.4500, 80.1810

Trichromacy



Original Color

79.2304, 70.4992, 102.3603



Protanomaly

72.7969, 70.4115, 103.5199



Deuteranomaly

74.6321, 70.2914, 101.7295



Tritanomaly

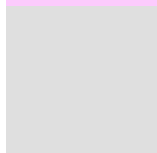
76.1336, 70.2805, 88.1501

Monochromacy



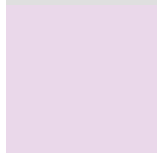
Original Color

79.2304, 70.4992, 102.3603



Achromatopsia

70.1384, 73.7910, 80.3584



Achromatomaly

73.3388, 72.5447, 87.9791

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.2304, 70.4992, 102.3603 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(252, 203, 253)` looks like.

```
.text, #text, p{  
    color:rgb(252, 203, 253)  
}
```

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(252, 203, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 203, 253) }
```

Border

The CSS property to change the border of an element to XYZ 79.2304, 70.4992, 102.3603 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(252, 203, 253) }
```


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

```
.border{ border-color:rgb(252, 203, 253) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 203, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 203, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 203, 253);  
box-shadow:4px 4px 4px 4px rgb(252, 203,  
253) }
```

Background

The CSS property to change the background color of an element to XYZ 79.2304, 70.4992, 102.3603 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 203, 253) }
```

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

```
.background{ background-color: rgb(252,  
203, 253) }
```

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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