

Converting Colors

XYZ(79.5581, 72.1135, 94.1870)

Have a look what the booklet for
XYZ(79.5581, 72.1135, 94.1870)
contains.

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Color

**XYZ(79.7305, 72.3567,
94.5580)**

Conversions

Conversions Part 1

Format	Color
Hex	FFCFF3
RGB	255, 207, 243
RGB Percent	100%, 81%, 95%
CMY	0.0000, 0.1882, 0.0471
CMYK	0.00, 0.19, 0.05, 0.00
HSL	315°, 100%, 91%
HSV	315°, 19%, 100%
XYZ	79.7305, 72.3567, 94.5580
YIQ	225.4560, 17.0520, 21.3720

Conversions

Conversions Part 2

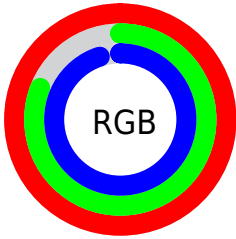
Format	Color
R_{YB}	255, 207, 243
Decimal	16764915
CIE _{Lab}	88.14, 22.68, -11.26
CIE _{LCh}	88, 25.318, 333.588
Yxy	72.3567, 0.3233, 0.2934
Android (android.graphics.Color)	4294954995 (0xFFFFCFF3)
YUV	225.4560, 8.6492, 25.9101
Hunter-Lab	85.0627, 18.4508, -6.3644

Details

The XYZ color **79.7305, 72.3567, 94.5580** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **74.2805, 89.9009, 80.4586**, and the grayscale version is **71.8287, 75.5694, 82.2951**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.4866, 38.0501, 52.0661** is the 20% darker color. If you saturate the color by 10%, you get **73.0984, 60.6064, 87.6803**, and if you desaturate by 10%, it is **87.3969, 86.1215, 101.9474**.

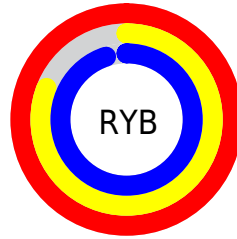
Distribution



Red (100%)

Green (81%)

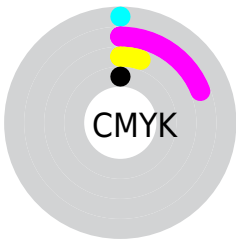
Blue (95%)



Red (100%)

Yellow (81%)

Blue (95%)

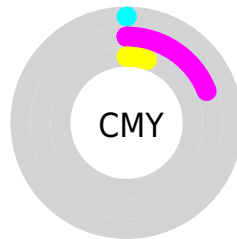


Cyan (0%)

Magenta (19%)

Yellow (5%)

Black (0%)



Cyan (0%)

Magenta (19%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 79.7305, 72.3567, 94.5580 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 79.7305, 72.3567, 94.5580 by changing the saturation by 10% instead.

79.7305, 72.3567,
94.5580

79.7305, 72.3567,
94.5580

482.7745,
468.7822, 563.6971

59.8043, 53.4501,
71.1723

131.9393,
122.5635, 155.6441

43.5098, 38.1622,
52.0001

164.9526,
154.6326, 194.1817

30.4816, 26.1086,
36.6229

203.0590,
191.8579, 238.6069

20.3543, 16.9049,
24.6222

246.6238,
234.6238, 289.3383

12.7626, 10.1667,
15.5793

296.0124,
283.3148, 346.7945

7.3411, 5.5096,
9.0759

351.5901,

3.7246, 2.5493,

338.3153, 411.3940

4.6932

413.7224,
400.0096, 483.5554

■ 1.5475, 0.9012,
2.0128

■ 0.3578, 0.0000,
0.5632

■ 79.7305, 72.3567,
94.5580

■ 79.7305, 72.3567,
94.5580

■ 73.0984, 60.6064,
87.6803

■ 87.3969, 86.1215,
101.9474

■ 67.4477, 50.7662,
81.2919

95.0500, 100.0000,
108.9000

■ 62.7278, 42.7353,
75.3755

■ 58.8818, 36.4002,
69.9103

■ 55.8463, 31.6347,
64.8735

■ 53.5488, 28.2946,
60.2391

■ 51.9038, 26.2093,
55.9769

■ 50.7871, 25.1311,
52.0436

■ 50.6714, 25.0326,
51.5952

Harmonies

Analogous

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



75.4136, 72.3567, 109.9357



79.7305, 72.3567, 94.5580



81.0530, 72.3567, 76.7167

Triad

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



79.7305, 72.3567, 94.5580



68.0471, 72.3567, 49.9836



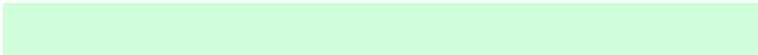
59.5273, 72.3567, 98.6972

Complementary

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



79.7305, 72.3567, 94.5580



74.2805, 89.9009, 80.4586

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.



57.8003, 72.3567, 80.8885



79.7305, 72.3567, 94.5580



62.5339, 72.3567, 54.1548

Square

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



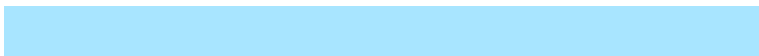
79.7305, 72.3567, 94.5580



74.0801, 72.3567, 52.5464



58.8682, 72.3567, 64.8700



63.7253, 72.3567, 112.5610

Rectangle

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



79.7305, 72.3567, 94.5580



79.9982, 72.3567, 66.1862



58.8682, 72.3567, 64.8700



58.6500, 72.3567, 92.8871

Sweetspot

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



79.7321, 72.3596, 94.5595



89.7520, 90.3798, 104.1260



69.5790, 66.9092, 103.8553



19.0923, 19.1308, 22.1785



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.



79.7321, 72.3596, 94.5595



76.8373, 67.2093, 91.6240



76.3410, 71.0032, 76.7022



18.5872, 18.2182, 21.7094



26.5399, 13.1052, 27.2912



2.6278, 1.2935, 2.8872

Inverse Universe

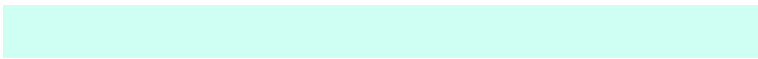
The Inverse Universe completely reimagines the original color for something new.



79.7321, 72.3596, 94.5595



76.8373, 67.2093, 91.6240



77.6716, 91.2574, 98.3159



18.5872, 18.2182, 21.7094



26.5399, 13.1052, 27.2912



2.6278, 1.2935, 2.8872

Previews

White Background



This preview shows how the XYZ color 79.7305, 72.3567, 94.5580 looks on a white background.

Color Contrast Check

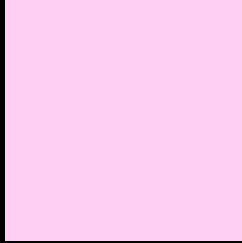
Large Text (above 18pt) WCAG AA × Fail

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 79.7305, 72.3567, 94.5580 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

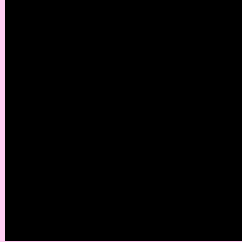
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 79.7305, 72.3567, 94.5580

Background



This preview shows how black text looks on a background with the XYZ color 79.7305, 72.3567, 94.5580.



This preview shows how white text looks on a background with the XYZ color 79.7305, 72.3567,

94.5580.

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

79.7305, 72.3567, 94.5580

Protanopia

71.3247, 72.7504, 101.5498

Deuteranopia

74.1093, 72.4442, 93.2962



Tritanopia

77.2821, 72.4668, 81.8658

Trichromacy



Original Color

79.7305, 72.3567, 94.5580

Protanomaly

73.8768, 72.2012, 98.8494

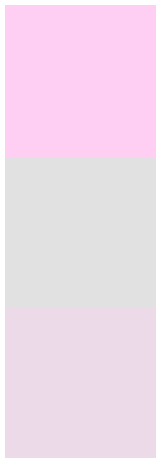
Deuteranomaly

76.1884, 72.3750, 93.9586

Tritanomaly

78.2390, 72.4980, 86.2138

Monochromacy



Original Color

79.7305, 72.3567, 94.5580

Achromatopsia

71.5672, 75.2942, 81.9954

Achromatomaly

74.2290, 73.8019, 86.6768

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.7305, 72.3567, 94.5580 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, 207, 243)` looks like.

```
.text, #text, p{  
    color:rgb(255, 207, 243)  
}
```

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, 207, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 207, 243) }
```

Border

The CSS property to change the border of an element to XYZ 79.7305, 72.3567, 94.5580 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, 207, 243) }
```


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

```
.border{ border-color:rgb(255, 207, 243) }
```

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

Here you see how a box with a 4 pixel rgb(255, 207, 243) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 207, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 207, 243);  
box-shadow:4px 4px 4px 4px rgb(255, 207,  
243) }
```

Background

The CSS property to change the background color of an element to XYZ 79.7305, 72.3567, 94.5580 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 207, 243) }
```

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

```
.background{ background-color: rgb(255,  
207, 243) }
```

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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