

Converting Colors

XYZ(79.1096, 72.1551, 97.3495)

Have a look what the booklet for
XYZ(79.1096, 72.1551, 97.3495)
contains.

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Color

**XYZ(79.4893, 72.5226,
97.8044)**

Conversions

Conversions Part 1

Format	Color
Hex	FCD0F7
RGB	252, 208, 247
RGB Percent	99%, 82%, 97%
CMY	0.0118, 0.1843, 0.0314
CMYK	0.00, 0.17, 0.02, 0.01
HSL	307°, 88%, 90%
HSV	307°, 17%, 99%
XYZ	79.4893, 72.5226, 97.8044
YIQ	225.6020, 13.7050, 21.4570

Conversions

Conversions Part 2

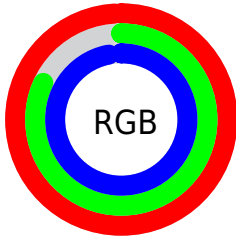
Format	Color
R _Y B	252, 208, 247
Decimal	16568567
CIE Lab	88.22, 21.86, -13.28
CIE LCh	88, 25.577, 328.710
Yxy	72.5226, 0.3182, 0.2903
Android (android.graphics.Color)	4294758647 (0xFFFC0F7)
YUV	225.6020, 10.5492, 23.1510
Hunter-Lab	85.1602, 17.5832, -8.4810

Details

The XYZ color **79.4893, 72.5226, 97.8044** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **72.8360, 87.8370, 76.0702**, and the grayscale version is **71.9227, 75.6682, 82.4027**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.3009, 38.1462, 54.3710** is the 20% darker color. If you saturate the color by 10%, you get **73.3889, 61.0225, 93.6077**, and if you desaturate by 10%, it is **86.5769, 85.9839, 102.3653**.

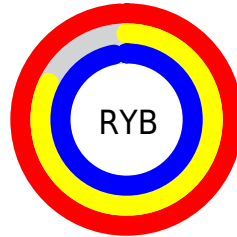
Distribution



Red (99%)

Green (82%)

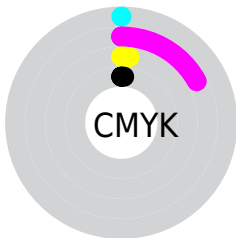
Blue (97%)



Red (99%)

Yellow (82%)

Blue (97%)

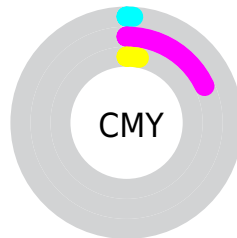


Cyan (0%)

Magenta (17%)

Yellow (2%)

Black (1%)



Cyan (1%)

Magenta (18%)

Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 79.4893, 72.5226, 97.8044 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 79.4893, 72.5226, 97.8044 by changing the saturation by 10% instead.

79.4893, 72.5226,
97.8044

79.4893, 72.5226,
97.8044

481.9729,
469.3585, 574.3166

59.6052, 53.5857,
73.8615

131.6018,
122.7992, 160.1621

43.3487, 38.2705,
54.1846

164.5609,
154.9078, 199.4140

30.3545, 26.1927,
38.3551

202.6090,
192.1756, 244.6061

20.2573, 16.9679,
25.9544

246.1116,
234.9872, 296.1567

12.6915, 10.2116,
16.5641

295.4339,
283.7269, 354.4846

7.2920, 5.5395,
9.7655

350.9413,

3.6933, 2.5671,

338.7791, 420.0081

5.1402

412.9992,
400.5281, 493.1460

■ 1.5301, 0.9102,
2.2696

■ 0.3462, 0.0000,
0.7141

■ 79.4893, 72.5226,
97.8044

■ 79.4893, 72.5226,
97.8044

■ 73.3889, 61.0225,
93.6077

■ 86.5769, 85.9839,
102.3653

■ 68.2232, 51.3823,
89.7551

■ 93.5921, 99.2904,
106.9349

■ 63.9446, 43.5055,
86.2314

■ 93.9555, 99.4358,
108.8488

■ 60.4988, 37.2837,
83.0183

■ 57.8255, 32.5960,
80.0957

■ 55.8561, 29.3056,
77.4404

■ 54.5100, 27.2510,
75.0255

■ 53.6815, 26.2214,
72.8156

■ 53.5134, 26.0429,
72.2733

Harmonies

Analogous

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



74.7425, 72.5226, 112.3846



79.4893, 72.5226, 97.8044



81.3841, 72.5226, 79.7266

Triad

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



79.4893, 72.5226, 97.8044



69.1960, 72.5226, 49.8236



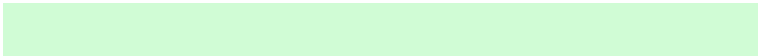
59.1112, 72.5226, 96.2954

Complementary

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



79.4893, 72.5226, 97.8044



72.8360, 87.8370, 76.0702

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.



57.8170, 72.5226, 78.2079



79.4893, 72.5226, 97.8044



63.4280, 72.5226, 52.9291

Square

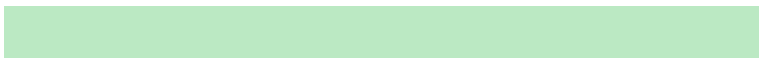
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



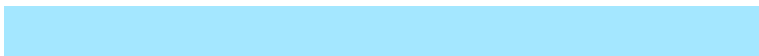
79.4893, 72.5226, 97.8044



75.2282, 72.5226, 53.5128



59.3509, 72.5226, 62.7146



62.9946, 72.5226, 111.4265

Rectangle

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



79.4893, 72.5226, 97.8044



80.6944, 72.5226, 68.6349



59.3509, 72.5226, 62.7146



58.3695, 72.5226, 90.2824

Sweetspot

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



79.4915, 72.5258, 97.8060



90.8841, 92.0402, 106.3647



67.3966, 66.2003, 101.3226



19.3322, 19.4701, 22.6918



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.



79.4915, 72.5258, 97.8060



79.3171, 70.0776, 98.8979



76.3759, 71.2796, 81.3999



17.9031, 17.4886, 21.3453



27.9104, 13.5799, 37.8322



2.6084, 1.2671, 3.6273

Inverse Universe

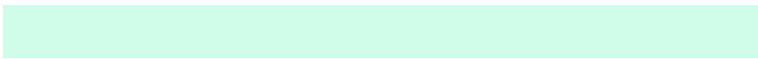
The Inverse Universe completely reimagines the original color for something new.



79.4915, 72.5258, 97.8060



79.3171, 70.0776, 98.8979



75.7343, 88.9963, 91.3324



17.9031, 17.4886, 21.3453



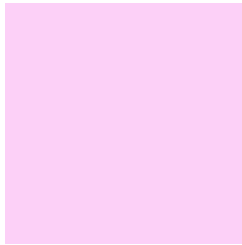
27.9104, 13.5799, 37.8322



2.6084, 1.2671, 3.6273

Previews

White Background



This preview shows how the XYZ color 79.4893, 72.5226, 97.8044 looks on a white background.

Color Contrast Check

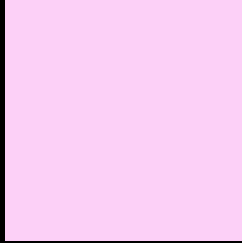
Large Text (above 18pt) WCAG AA × Fail

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 79.4893, 72.5226, 97.8044 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 79.4893, 72.5226, 97.8044

Background



This preview shows how black text looks on a background with the XYZ color 79.4893, 72.5226, 97.8044.



This preview shows how white text looks on a background with the XYZ color 79.4893, 72.5226,

97.8044.

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

79.4893, 72.5226, 97.8044

Protanopia

71.9621, 73.0053, 104.9064

Deuteranopia

74.4691, 72.9214, 97.3391



Tritanopia

76.3648, 72.3297, 83.3350

Trichromacy



Original Color

79.4893, 72.5226, 97.8044

Protanomaly

74.4397, 72.7980, 102.2235

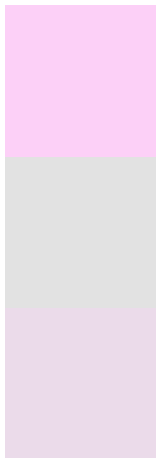
Deuteranomaly

76.0254, 72.5930, 97.1937

Tritanomaly

77.4663, 72.4153, 88.4919

Monochromacy



Original Color

79.4893, 72.5226, 97.8044

Achromatopsia

72.2879, 76.0525, 82.8211

Achromatomaly

74.4438, 74.2657, 88.2530

CSS Examples

Text

The CSS property to change the color of the text to XYZ 79.4893, 72.5226, 97.8044 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, 208, 247)` looks like.

```
.text, #text, p{  
    color:rgb(252, 208, 247)  
}
```

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, 208, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 208, 247) }
```

Border

The CSS property to change the border of an element to XYZ 79.4893, 72.5226, 97.8044 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, 208, 247) }
```


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

```
.border{ border-color:rgb(252, 208, 247) }
```

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

Here you see how a box with a 4 pixel rgb(252, 208, 247) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 208, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 208, 247);  
box-shadow:4px 4px 4px 4px rgb(252, 208,  
247) }
```

Background

The CSS property to change the background color of an element to XYZ 79.4893, 72.5226, 97.8044 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 208, 247) }
```

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

```
.background{ background-color: rgb(252,  
208, 247) }
```

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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