

Converting Colors

XYZ(76.7885, 66.3978, 99.1013)

Have a look what the booklet for
XYZ(76.7885, 66.3978, 99.1013)
contains.

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Color

**XYZ(76.9153, 66.6278,
99.2491)**

Conversions

Conversions Part 1

Format	Color
Hex	FCC3FA
RGB	252, 195, 250
RGB Percent	99%, 76%, 98%
CMY	0.0118, 0.2353, 0.0196
CMYK	0.00, 0.23, 0.01, 0.01
HSL	302°, 90%, 88%
HSV	302°, 23%, 99%
XYZ	76.9153, 66.6278, 99.2491
YIQ	218.3130, 16.3170, 29.1890

Conversions

Conversions Part 2

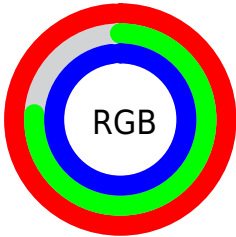
Format	Color
R _Y B	252, 195, 250
Decimal	16565242
CIE Lab	85.32, 29.23, -19.24
CIE LCh	85, 34.994, 326.654
Yxy	66.6278, 0.3168, 0.2744
Android (android.graphics.Color)	4294755322 (0xFFFC3FA)
YUV	218.3130, 15.6217, 29.5435
Hunter-Lab	81.6259, 25.3537, -14.9528

Details

The XYZ color **76.9153, 66.6278, 99.2491** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **67.3968, 85.2561, 65.7308**, and the grayscale version is **66.7459, 70.2219, 76.4716**.

A 20% lighter version of the original color is **94.1004, 98.1008, 108.5835**, and **41.6562, 34.5021, 54.9161** is the 20% darker color. If you saturate the color by 10%, you get **71.6009, 56.2192, 96.7957**, and if you desaturate by 10%, it is **83.1873, 78.9481, 102.0264**.

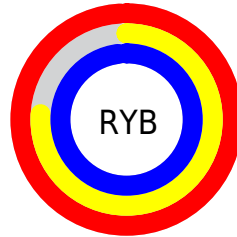
Distribution



Red (99%)

Green (76%)

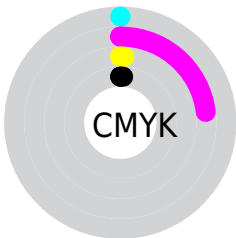
Blue (98%)



Red (99%)

Yellow (76%)

Blue (98%)

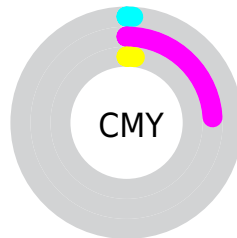


Cyan (0%)

Magenta (23%)

Yellow (1%)

Black (1%)



Cyan (1%)

Magenta (24%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 76.9153, 66.6278, 99.2491 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 76.9153, 66.6278, 99.2491 by changing the saturation by 10% instead.

76.9153, 66.6278,
99.2491

76.9153, 66.6278,
99.2491

473.3716,
448.6188, 579.0086

57.4830, 48.7822,
75.0602

127.9934,
114.3869, 162.1678

41.6348, 34.4467,
55.1602

160.3699,
145.0693, 201.7346

29.0053, 23.2370,
39.1305

197.7919,
180.7993, 247.2645

19.2291, 14.7686,
26.5527

240.6248,
221.9614, 299.1760

11.9410, 8.6572,
17.0081

289.2338,
268.9400, 357.8876

6.7754, 4.5182,
10.0782

343.9844,

3.3671, 1.9675,

322.1195, 423.8179

5.3446

405.2418,
381.8843, 497.3854

■ 1.3507, 0.5885,
2.3886

■ 0.2207, 0.0000,
0.7802

■ 76.9153, 66.6278,
99.2491

■ 76.9153, 66.6278,
99.2491

■ 71.6009, 56.2192,
96.7957

■ 83.1873, 78.9481,
102.0264

■ 67.1900, 47.6179,
94.6460

■ 90.4551, 93.2602,
105.1380

■ 63.6329, 40.7230,
92.7840

■ 93.5800, 99.2856,
106.8720

■ 60.8722, 35.4200,
91.1907

■ 93.7210, 99.3420,
107.6145

■ 58.8439, 31.5806, 93.8627, 99.3986,
89.8448 108.3605

■ 57.4737, 29.0565, 93.9554, 99.4357,
88.7214 108.8488

■ 56.6720, 27.6683,
87.7907

■ 56.3469, 27.1763,
87.1945

Harmonies

Analogous

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



70.4054, 66.6278, 118.9057



76.9153, 66.6278, 99.2491



79.7736, 66.6278, 75.1213

Triad

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



76.9153, 66.6278, 99.2491



64.2205, 66.6278, 37.1454



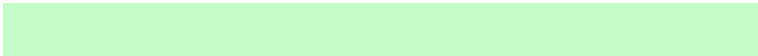
50.6729, 66.6278, 93.9152

Complementary

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



76.9153, 66.6278, 99.2491



67.3968, 85.2561, 65.7308

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.



49.3133, 66.6278, 70.0310



76.9153, 66.6278, 99.2491



56.7410, 66.6278, 40.1402

Square

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



76.9153, 66.6278, 99.2491



72.0702, 66.6278, 41.8800



51.4427, 66.6278, 51.1221



55.3225, 66.6278, 115.4028

Rectangle

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



76.9153, 66.6278, 99.2491



79.0612, 66.6278, 60.7550



51.4427, 66.6278, 51.1221



49.8336, 66.6278, 85.7724

Sweetspot

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



76.9173, 66.6307, 99.2505



89.5169, 89.0950, 106.5589



60.0886, 57.9187, 100.1091



19.0634, 18.8791, 22.7665



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.



76.9173, 66.6307, 99.2505



76.4939, 63.5064, 100.8075



72.7936, 64.9812, 77.5351



17.9652, 17.5134, 21.6724



29.3634, 14.1611, 45.4837



2.7276, 1.3148, 4.2548

Inverse Universe

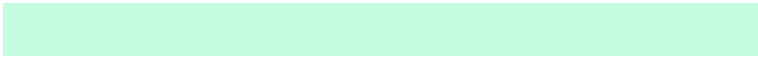
The Inverse Universe completely reimagines the original color for something new.



76.9173, 66.6307, 99.2505



76.4939, 63.5064, 100.8075



70.9638, 86.6829, 84.5144



17.9652, 17.5134, 21.6724



29.3634, 14.1611, 45.4837



2.7276, 1.3148, 4.2548

Previews

White Background



This preview shows how the XYZ color 76.9153, 66.6278, 99.2491 looks on a white background.

Color Contrast Check

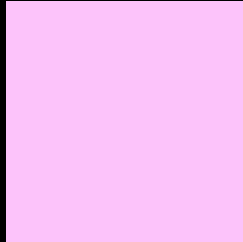
Large Text (above 18pt) WCAG AA × Fail

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 76.9153, 66.6278, 99.2491 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

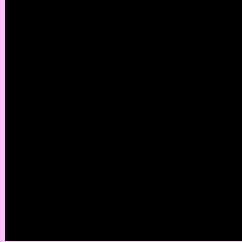
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 76.9153, 66.6278, 99.2491

Background



This preview shows how black text looks on a background with the XYZ color 76.9153, 66.6278, 99.2491.

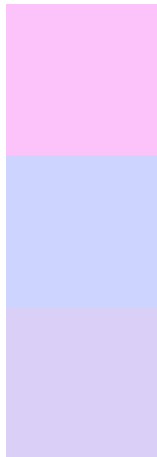


This preview shows how white text looks on a background with the XYZ color 76.9153, 66.6278,

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

76.9153, 66.6278, 99.2491

Protanopia

66.4953, 67.1443, 104.0632

Deuteranopia

68.2578, 66.7326, 97.2788



Tritanopia

71.7688, 66.5572, 74.7098

Trichromacy



Original Color

76.9153, 66.6278, 99.2491



Protanomaly

69.6197, 66.6066, 102.1155



Deuteranomaly

70.9323, 66.3122, 97.8679



Tritanomaly

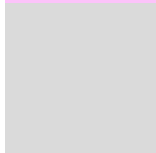
73.6332, 66.6437, 83.1114

Monochromacy



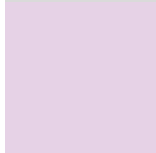
Original Color

76.9153, 66.6278, 99.2491



Achromatopsia

66.6397, 70.1102, 76.3500



Achromatomaly

69.9626, 68.6294, 84.4223

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.9153, 66.6278, 99.2491 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, 195, 250)` looks like.

```
.text, #text, p{  
    color:rgb(252, 195, 250)  
}
```

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, 195, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 195, 250) }
```

Border

The CSS property to change the border of an element to XYZ 76.9153, 66.6278, 99.2491 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, 195, 250) }
```


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

```
.border{ border-color:rgb(252, 195, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 195, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 195, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 195, 250);  
box-shadow:4px 4px 4px 4px rgb(252, 195,  
250) }
```

Background

The CSS property to change the background color of an element to XYZ 76.9153, 66.6278, 99.2491 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 195, 250) }
```

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

```
.background{ background-color: rgb(252,  
195, 250) }
```

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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