

Converting Colors

XYZ(78.4208, 70.7011,
113.7369)

Have a look what the booklet for
XYZ(78.4208, 70.7011, 113.7369)
contains.

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Color

**XYZ(76.4993, 69.7599,
104.0408)**

Conversions

Conversions Part 1

Format	Color
Hex	F2CDFF
RGB	242, 205, 255
RGB Percent	95%, 80%, 100%
CMY	0.0510, 0.1961, 0.0000
CMYK	0.05, 0.20, 0.00, 0.00
HSL	284°, 100%, 90%
HSV	284°, 20%, 100%
XYZ	76.4993, 69.7599, 104.0408
YIQ	221.7630, 6.0020, 23.3940

Conversions

Conversions Part 2

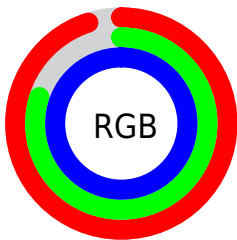
Format	Color
R _Y B	242, 205, 255
Decimal	15912447
CIE Lab	86.88, 21.65, -19.61
CIE LCh	87, 29.215, 317.830
Yxy	69.7599, 0.3056, 0.2787
Android (android.graphics.Color)	4294102527 (0xFFFF2CDFF)
YUV	221.7630, 16.3858, 17.7478
Hunter-Lab	83.5224, 17.3264, -15.3897

Details

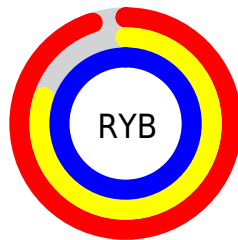
The XYZ color **76.4993, 69.7599, 104.0408** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **75.6945, 90.8340, 71.3042**, and the grayscale version is **69.1509, 72.7521, 79.2270**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.5094, 36.6495, 58.3124** is the 20% darker color. If you saturate the color by 10%, you get **68.6556, 57.3888, 102.0663**, and if you desaturate by 10%, it is **85.4234, 84.1674, 106.3514**.

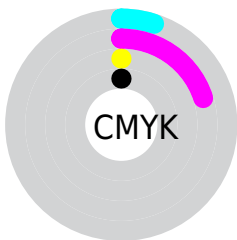
Distribution



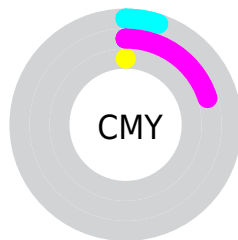
- Red (95%)
- Green (80%)
- Blue (100%)



- Red (95%)
- Yellow (80%)
- Blue (100%)



- Cyan (5%)
- Magenta (20%)
- Yellow (0%)
- Black (0%)



- Cyan (5%)
- Magenta (20%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 76.4993, 69.7599, 104.0408 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 76.4993, 69.7599, 104.0408 by changing the saturation by 10% instead.

76.4993, 69.7599,
104.0408

76.4993, 69.7599,
104.0408

471.9733,
459.7065, 594.4286

57.1405, 51.3308,
79.0438

127.4090,
118.8663, 168.7993

41.3586, 36.4720,
58.4103

159.6907,
150.3124, 209.3979

28.7883, 24.7989,
41.7217

197.0107,
186.8663, 256.0341

19.0642, 15.9273,
28.5595

239.7344,
228.9124, 309.1265

11.8210, 9.4727,
18.5051

288.2272,
276.8350, 369.0936

6.6932, 5.0508,
11.1401

342.8544,

3.3156, 2.2771,

331.0187, 436.3540

6.0458

403.9813,
391.8477, 511.3261

■ 1.3228, 0.7615,
2.8037

■ 0.2002, 0.0000,
0.9953

■ 76.4993, 69.7599,
104.0408

■ 76.4993, 69.7599,
104.0408

■ 68.6556, 57.3888,
102.0663

■ 85.4234, 84.1674,
106.3514

■ 61.8375, 46.9487,
100.4105

95.0500, 100.0000,
108.9000

■ 55.9941, 38.3379,
99.0565

■ 51.0672, 31.4419,
97.9851

■ 46.9924, 26.1327,
97.1751

■ 43.6960, 22.2643,
96.6021

■ 41.0902, 19.6628,
96.2373

■ 39.0384, 18.0561,
96.0354

■ 38.9627, 18.0009,
96.0287

Harmonies

Analogous

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



70.3988, 69.7599, 117.5795



76.4993, 69.7599, 104.0408



79.9576, 69.7599, 84.1464

Triad

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



76.4993, 69.7599, 104.0408



69.1058, 69.7599, 44.8590



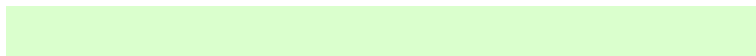
54.5955, 69.7599, 88.0378

Complementary

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



76.4993, 69.7599, 104.0408



75.6945, 90.8340, 71.3042

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.



54.3018, 69.7599, 68.3163



76.4993, 69.7599, 104.0408



62.3725, 69.7599, 45.5376

Square

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



76.4993, 69.7599, 104.0408



75.4971, 69.7599, 51.3978



57.0586, 69.7599, 53.4443



57.8905, 69.7599, 107.3067

Rectangle

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



76.4993, 69.7599, 104.0408



80.1529, 69.7599, 70.9575



57.0586, 69.7599, 53.4443



54.1511, 69.7599, 81.1854

Sweetspot

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



76.5012, 69.7628, 104.0413



88.9135, 89.8770, 107.2695



68.3873, 70.5178, 104.6146



18.8935, 19.0116, 22.9238



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.



76.5012, 69.7628, 104.0413



72.9239, 64.0808, 103.1331



79.3009, 71.4165, 94.6643



18.3047, 18.0488, 22.7690



20.5059, 9.4817, 50.1839



2.0987, 0.9758, 4.8910

Inverse Universe

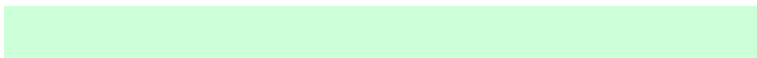
The Inverse Universe completely reimagines the original color for something new.



75.7279, 69.9873, 75.8496



72.0842, 64.3934, 69.4142



73.4199, 89.4925, 78.8255



18.2032, 18.0646, 19.6872



22.1185, 11.3367, 4.0088



2.1960, 1.1208, 0.6136

Previews

White Background



This preview shows how the XYZ color 76.4993, 69.7599, 104.0408 looks on a white background.

Color Contrast Check

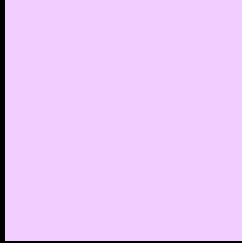
Large Text (above 18pt) WCAG AA × Fail

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 76.4993, 69.7599, 104.0408 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 76.4993, 69.7599, 104.0408

Background



This preview shows how black text looks on a background with the XYZ color 76.4993, 69.7599, 104.0408.

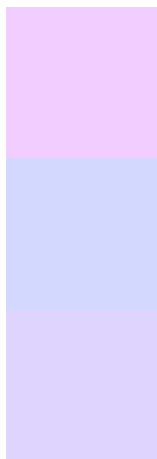


This preview shows how white text looks on a background with the XYZ color 76.4993, 69.7599,

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

76.4993, 69.7599, 104.0408

Protanopia

69.1842, 70.0334, 104.4791

Deuteranopia

71.5571, 69.7723, 103.4619



Tritanopia

72.1716, 69.8164, 82.3451

Trichromacy



Original Color

76.4993, 69.7599, 104.0408

Protanomaly

71.7177, 69.8366, 104.3076

Deuteranomaly

73.0030, 69.4147, 103.3166

Tritanomaly

73.4385, 69.5769, 89.6798

Monochromacy



Original Color

76.4993, 69.7599, 104.0408

Achromatopsia

69.4303, 73.0461, 79.5472

Achromatomaly

71.7202, 71.7103, 87.9033

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.4993, 69.7599, 104.0408 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(242, 205, 255)` looks like.

```
.text, #text, p{  
    color:rgb(242, 205, 255)  
}
```

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(242, 205, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 205, 255) }
```

Border

The CSS property to change the border of an element to XYZ 76.4993, 69.7599, 104.0408 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(242, 205, 255) }
```


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

```
.border{ border-color:rgb(242, 205, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 205, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 205, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 205, 255);  
box-shadow:4px 4px 4px 4px rgb(242, 205,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 76.4993, 69.7599, 104.0408 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 205, 255) }
```

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

```
.background{ background-color: rgb(242,  
205, 255) }
```

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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