

Converting Colors

XYZ(76.7452, 70.2376,
104.1168)

Have a look what the booklet for
XYZ(76.7452, 70.2376, 104.1168)
contains.

XYZ(76.7393, 70.2399, 104.1208)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(76.7393, 70.2399,
104.1208)**

Conversions

Conversions Part 1

Format	Color
Hex	F2CEFF
RGB	242, 206, 255
RGB Percent	95%, 81%, 100%
CMY	0.0510, 0.1921, 0.0000
CMYK	0.05, 0.19, 0.00, 0.00
HSL	284°, 100%, 90%
HSV	284°, 19%, 100%
XYZ	76.7393, 70.2399, 104.1208
YIQ	222.3500, 5.7270, 22.8710

Conversions

Conversions Part 2

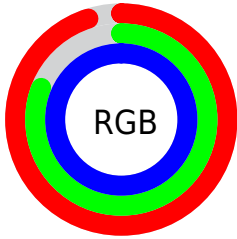
Format	Color
RYB	242, 206, 255
Decimal	15912703
CIELab	87.11, 21.12, -19.26
CIElCh	87, 28.584, 317.647
Yxy	70.2399, 0.3056, 0.2797
Android (android.graphics.Color)	4294102783 (0xFFFF2CEFF)
YUV	222.3500, 16.0965, 17.2331
Hunter-Lab	83.8092, 16.7760, -14.9927

Details

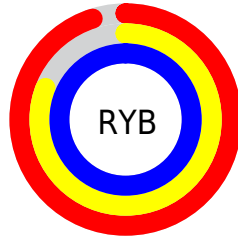
The XYZ color **76.7393, 70.2399, 104.1208** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **76.1157, 91.0371, 71.9562**, and the grayscale version is **69.5672, 73.1901, 79.7040**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.6710, 36.9728, 58.3662** is the 20% darker color. If you saturate the color by 10%, you get **68.8127, 57.7695, 102.1315**, and if you desaturate by 10%, it is **85.7515, 84.7521, 106.4469**.

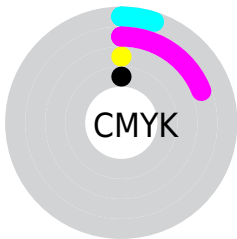
Distribution



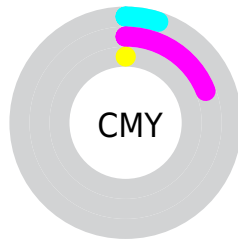
- Red (95%)
- Green (81%)
- Blue (100%)



- Red (95%)
- Yellow (81%)
- Blue (100%)



- Cyan (5%)
- Magenta (19%)
- Yellow (0%)
- Black (0%)



- Cyan (5%)
- Magenta (19%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 76.7393, 70.2399, 104.1208 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 76.7393, 70.2399, 104.1208 by changing the saturation by 10% instead.

76.7393, 70.2399,
104.1208

76.7393, 70.2399,
104.1208

472.7803,
461.3919, 594.6842

57.3381, 51.7221,
79.1104

127.7462,
119.5508, 168.9098

41.5180, 36.7836,
58.4648

160.0826,
151.1127, 209.5254

28.9135, 25.0400,
41.7652

197.4615,
187.7915, 256.1800

19.1593, 16.1069,
28.5933

240.2482,
229.9715, 309.2919

11.8902, 9.5998,
18.5305

288.8081,
278.0372, 369.2797

6.7406, 5.1344,
11.1581

343.5065,

3.3453, 2.3264,

332.3729, 436.5620

6.0578

404.7088,
393.3630, 511.5574

■ 1.3389, 0.7876,
2.8109

■ 0.2120, 0.0000,
0.9989

■ 76.7393, 70.2399,
104.1208

■ 76.7393, 70.2399,
104.1208

■ 68.8127, 57.7695,
102.1315

■ 85.7515, 84.7521,
106.4469

■ 61.9171, 47.2358,
100.4618

95.0500, 100.0000,
108.9000

■ 56.0015, 38.5374,
99.0946

■ 51.0081, 31.5600,
98.0110

■ 46.8726, 26.1764,
97.1898

■ 43.5216, 22.2414,
96.6069

■ 40.8682, 19.5824,
96.2335

■ 38.7817, 17.9399,
96.0265

■ 38.6292, 17.8290,
96.0131

Harmonies

Analogous

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



70.7422, 70.2399, 117.2937



76.7393, 70.2399, 104.1208



80.1503, 70.2399, 84.6461

Triad

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



76.7393, 70.2399, 104.1208



69.5547, 70.2399, 45.8076



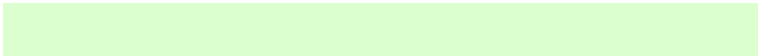
55.2233, 70.2399, 88.2159

Complementary

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



76.7393, 70.2399, 104.1208



76.1157, 91.0371, 71.9562

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.



54.9524, 70.2399, 68.8555



76.7393, 70.2399, 104.1208



62.9319, 70.2399, 46.4369

Square

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



76.7393, 70.2399, 104.1208



75.8200, 70.2399, 52.3289



57.6873, 70.2399, 54.2217



58.4538, 70.2399, 107.1079

Rectangle

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



76.7393, 70.2399, 104.1208



80.3580, 70.2399, 71.6751



57.6873, 70.2399, 54.2217



54.7913, 70.2399, 81.4936

Sweetspot

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



76.7412, 70.2428, 104.1213



88.8842, 89.8620, 107.2681



68.8551, 71.0425, 104.6913



18.8866, 19.0080, 22.9234



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.



76.7412, 70.2428, 104.1213



73.6145, 65.2854, 103.3292



79.5762, 71.9107, 94.9304



18.2949, 18.0437, 22.7685



20.3333, 9.3927, 50.1759



2.0831, 0.9678, 4.8903

Inverse Universe

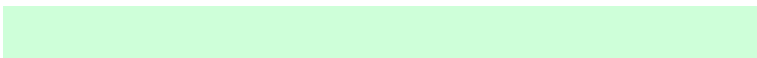
The Inverse Universe completely reimagines the original color for something new.



76.0992, 70.5199, 76.6210



72.9312, 65.6468, 71.0548



73.7965, 89.6751, 79.3639



18.2072, 18.0662, 19.7084



22.1406, 11.3455, 4.1247



2.1986, 1.1218, 0.6274

Previews

White Background



This preview shows how the XYZ color 76.7393, 70.2399, 104.1208 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 76.7393, 70.2399, 104.1208 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

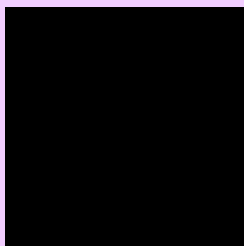
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 76.7393, 70.2399, 104.1208

Background



This preview shows how black text looks on a background with the XYZ color 76.7393, 70.2399, 104.1208.



This preview shows how white text looks on a background with the XYZ color 76.7393, 70.2399,

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

76.7393, 70.2399, 104.1208

Protanopia

69.4412, 70.5473, 104.5648

Deuteranopia

72.1151, 70.4322, 103.5598



Tritanopia

72.4193, 70.3117, 82.4277

Trichromacy



Original Color

76.7393, 70.2399, 104.1208

Protanomaly

71.9685, 70.3381, 104.3912

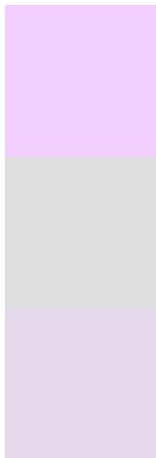
Deuteranomaly

73.5691, 70.0719, 103.4137

Tritanomaly

73.6831, 70.0661, 89.7613

Monochromacy



Original Color

76.7393, 70.2399, 104.1208

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 76.7393, 70.2399, 104.1208 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, 206, 255)` looks like.

```
.text, #text, p{  
    color:rgb(242, 206, 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, 206, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 206, 255) }
```

Border

The CSS property to change the border of an element to XYZ 76.7393, 70.2399, 104.1208 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, 206, 255) }
```


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

```
.border{ border-color:rgb(242, 206, 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, 206, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 206, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 206, 255);  
box-shadow:4px 4px 4px 4px rgb(242, 206,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 76.7393, 70.2399, 104.1208 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 206, 255) }
```

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

```
.background{ background-color: rgb(242,  
206, 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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