

Converting Colors

XYZ(77.3210, 73.9545, 92.3356)

Have a look what the booklet for XYZ(77.3210, 73.9545, 92.3356) contains.

XYZ(77.3368, 74.1252, 92.6696) 3

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Color

**XYZ(77.3368, 74.1252,
92.6696)**

Conversions

Conversions Part 1

Format	Color
Hex	F4D7F0
RGB	244, 215, 240
RGB Percent	96%, 84%, 94%
CMY	0.0431, 0.1568, 0.0588
CMYK	0.00, 0.12, 0.02, 0.04
HSL	308°, 57%, 90%
HSV	308°, 12%, 96%
XYZ	77.3368, 74.1252, 92.6696
YIQ	226.5210, 9.2590, 13.9230

Conversions

Conversions Part 2

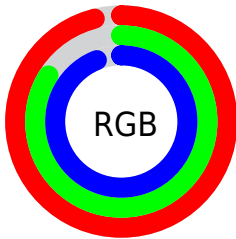
Format	Color
R _Y B	244, 215, 240
Decimal	16046064
CIE Lab	88.98, 14.28, -8.53
CIE LCh	89, 16.635, 329.143
Yxy	74.1252, 0.3168, 0.3036
Android (android.graphics.Color)	4294236144 (0xFFFF4D7F0)
YUV	226.5210, 6.6451, 15.3291
Hunter-Lab	86.0960, 9.6719, -3.5497

Details

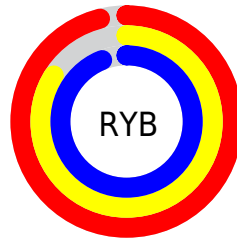
The XYZ color **77.3368, 74.1252, 92.6696** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **73.1640, 84.2649, 79.4303**, and the grayscale version is **72.6163, 76.3981, 83.1975**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.9616, 39.2937, 50.7202** is the 20% darker color. If you saturate the color by 10%, you get **71.0864, 62.4162, 88.1426**, and if you desaturate by 10%, it is **84.5274, 87.6975, 97.5575**.

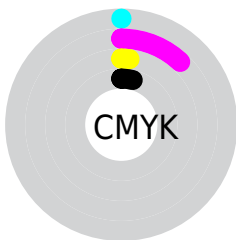
Distribution



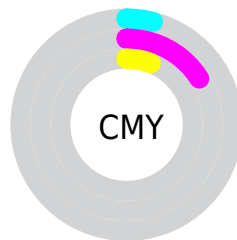
- Red (96%)
- Green (84%)
- Blue (94%)



- Red (96%)
- Yellow (84%)
- Blue (94%)



- Cyan (0%)
- Magenta (12%)
- Yellow (2%)
- Black (4%)



- Cyan (4%)
- Magenta (16%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 77.3368, 74.1252, 92.6696 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 77.3368, 74.1252, 92.6696 by changing the saturation by 10% instead.

77.3368, 74.1252,
92.6696

77.3368, 74.1252,
92.6696

474.7859,
474.9054, 557.4698

57.8302, 54.8965,
69.6108

128.5851,
125.0733, 153.0088

41.9149, 39.3189,
50.7344

161.0576,
157.5614, 191.1264

29.2255, 27.0079,
35.6221

198.5827,
195.2382, 235.1005

19.3966, 17.5791,
23.8551

241.5259,
238.4881, 285.3498

12.0629, 10.6483,
15.0149

290.2524,
287.6953, 342.2929

6.8590, 5.8308,
8.6831

345.1277,

3.4196, 2.7425,

343.2443, 406.3482

4.4411

406.5171,
405.5195, 477.9344

■ 1.3794, 0.9988,
1.8703

■ 0.2415, 0.0000,
0.4737

■ 77.3368, 74.1252,
92.6696

■ 77.3368, 74.1252,
92.6696

■ 71.0864, 62.4162,
88.1426

■ 84.5274, 87.6975,
97.5575

■ 65.7288, 52.4791,
83.9579

■ 89.8161, 97.4523,
101.8565

■ 61.2221, 44.2292,
80.1021

■ 90.3396, 97.6617,
104.6135

■ 57.5186, 37.5711,
76.5591

■ 90.8726, 97.8749,
107.4200

■ 54.5659, 32.3999,
73.3111

■ 91.1187, 97.9734,
108.7160

■ 52.3051, 28.5981,
70.3383

■ 50.6686, 26.0306,
67.6178

■ 49.5750, 24.5346,
65.1223

■ 48.9842, 23.9035,
63.2280

Harmonies

Analogous

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



74.3060, 74.1252, 101.7475



77.3368, 74.1252, 92.6696



78.5121, 74.1252, 81.0429

Triad

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



77.3368, 74.1252, 92.6696



70.5700, 74.1252, 60.4412



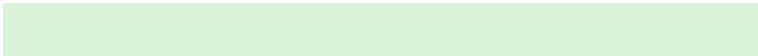
63.8829, 74.1252, 92.0392

Complementary

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



77.3368, 74.1252, 92.6696



73.1640, 84.2649, 79.4303

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.



62.9666, 74.1252, 80.3775



77.3368, 74.1252, 92.6696



66.7371, 74.1252, 62.7922

Square

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



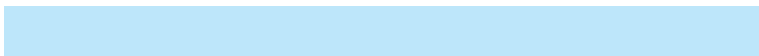
77.3368, 74.1252, 92.6696



74.5146, 74.1252, 63.0740



63.9918, 74.1252, 69.8259



66.5432, 74.1252, 101.3598

Rectangle

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



77.3368, 74.1252, 92.6696



78.0521, 74.1252, 73.6299



63.9918, 74.1252, 69.8259



63.3653, 74.1252, 88.2294

Sweetspot

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



77.3390, 74.1284, 92.6712



91.6562, 93.5736, 106.6552



69.8060, 70.1756, 95.4552



19.4857, 19.7781, 22.7398



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.



77.3390, 74.1284, 92.6712



83.9170, 78.9866, 101.3273



75.2883, 73.3082, 81.8727



17.1095, 16.7267, 20.3233



26.6726, 13.0125, 34.5798



2.3708, 1.1543, 3.1791

Inverse Universe

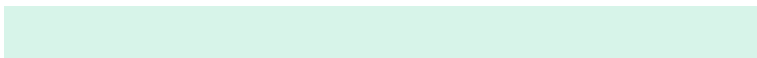
The Inverse Universe completely reimagines the original color for something new.



77.3390, 74.1284, 92.6712



83.9170, 78.9866, 101.3273



75.1379, 85.0545, 89.8249



17.1095, 16.7267, 20.3233



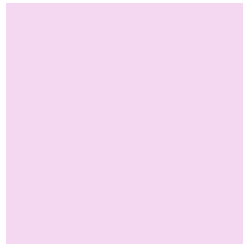
26.6726, 13.0125, 34.5798



2.3708, 1.1543, 3.1791

Previews

White Background



This preview shows how the XYZ color 77.3368, 74.1252, 92.6696 looks on a white background.

Color Contrast Check

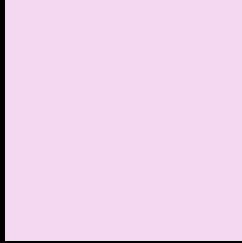
Large Text (above 18pt) WCAG AA × Fail

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 77.3368, 74.1252, 92.6696 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

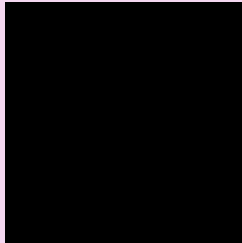
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 77.3368, 74.1252, 92.6696

Background



This preview shows how black text looks on a background with the XYZ color 77.3368, 74.1252, 92.6696.



This preview shows how white text looks on a background with the XYZ color 77.3368, 74.1252,

92.6696.

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

77.3368, 74.1252, 92.6696

Protanopia

72.5746, 74.3038, 96.1049

Deuteranopia

75.8009, 74.0941, 92.7445



Tritanopia

76.2260, 74.0496, 87.3663

Trichromacy



Original Color

77.3368, 74.1252, 92.6696

Protanomaly

74.1423, 73.9571, 95.1614

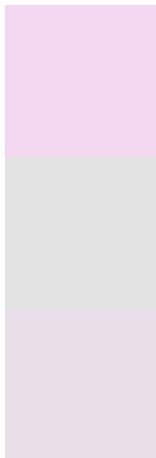
Deuteranomaly

76.2192, 73.9283, 92.6905

Tritanomaly

76.6583, 74.2225, 89.6429

Monochromacy



Original Color

77.3368, 74.1252, 92.6696

Achromatopsia

73.0128, 76.8151, 83.6517

Achromatomaly

74.5574, 75.9252, 87.0694

CSS Examples

Text

The CSS property to change the color of the text to XYZ 77.3368, 74.1252, 92.6696 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(244, 215, 240)` looks like.

```
.text, #text, p{  
    color:rgb(244, 215, 240)  
}
```

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(244, 215, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 215, 240) }
```

Border

The CSS property to change the border of an element to XYZ 77.3368, 74.1252, 92.6696 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(244, 215, 240) }
```


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

```
.border{ border-color:rgb(244, 215, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 215, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 215, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 215, 240);  
box-shadow:4px 4px 4px 4px rgb(244, 215,  
240) }
```

Background

The CSS property to change the background color of an element to XYZ 77.3368, 74.1252, 92.6696 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 215, 240) }
```

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

```
.background{ background-color: rgb(244,  
215, 240) }
```

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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