

Converting Colors

XYZ(77.1719, 73.8088, 96.0937)

Have a look what the booklet for
XYZ(77.1719, 73.8088, 96.0937)
contains.

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Color

**XYZ(77.2475, 74.0098,
95.8019)**

Conversions

Conversions Part 1

Format	Color
Hex	F2D7F4
RGB	242, 215, 244
RGB Percent	95%, 84%, 96%
CMY	0.0510, 0.1568, 0.0431
CMYK	0.01, 0.12, 0.00, 0.04
HSL	296°, 57%, 90%
HSV	296°, 12%, 96%
XYZ	77.2475, 74.0098, 95.8019
YIQ	226.3790, 6.7830, 14.7430

Conversions

Conversions Part 2

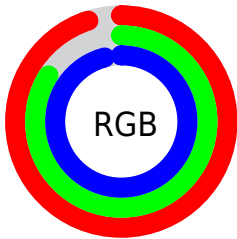
Format	Color
R _Y B	242, 215, 244
Decimal	15914996
CIE Lab	88.93, 14.34, -10.74
CIE LCh	89, 17.911, 323.166
Yxy	74.0098, 0.3127, 0.2996
Android (android.graphics.Color)	4294105076 (0xFFFF2D7F4)
YUV	226.3790, 8.6872, 13.6996
Hunter-Lab	86.0289, 9.7289, -5.8051

Details

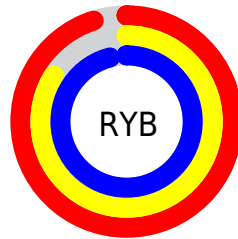
The XYZ color **77.2475, 74.0098, 95.8019** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **73.2345, 84.3614, 76.7173**, and the grayscale version is **72.5005, 76.2762, 83.0647**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.8976, 39.2116, 52.9373** is the 20% darker color. If you saturate the color by 10%, you get **70.9177, 62.2026, 93.8576**, and if you desaturate by 10%, it is **84.5136, 87.6793, 98.0585**.

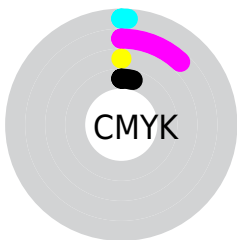
Distribution



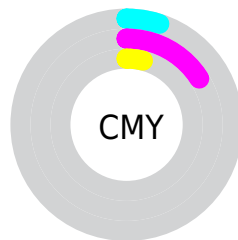
- Red (95%)
- Green (84%)
- Blue (96%)



- Red (95%)
- Yellow (84%)
- Blue (96%)



- Cyan (1%)
- Magenta (12%)
- Yellow (0%)
- Black (4%)



- Cyan (5%)
- Magenta (16%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 77.2475, 74.0098, 95.8019 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 77.2475, 74.0098, 95.8019 by changing the saturation by 10% instead.

77.2475, 74.0098,
95.8019

77.2475, 74.0098,
95.8019

474.4865,
474.5072, 567.7788

57.7567, 54.8021,
72.2020

128.4598,
124.9097, 157.3771

41.8556, 39.2433,
52.8359

160.9119,
157.3706, 196.1895

29.1788, 26.9490,
37.2849

198.4152,
195.0181, 240.9098

19.3611, 17.5349,
25.1307

241.3351,
238.2365, 291.9565

12.0370, 10.6166,
15.9545

290.0367,
287.4102, 349.7482

6.8413, 5.8097,
9.3380

344.8856,

3.4085, 2.7297,

342.9236, 414.7035

4.8625

406.2471,
405.1612, 487.2408

■ 1.3733, 0.9923,
2.1095

■ 0.2371, 0.0000,
0.6214

■ 77.2475, 74.0098,
95.8019

■ 77.2475, 74.0098,
95.8019

■ 70.9177, 62.2026,
93.8576

■ 84.5136, 87.6793,
98.0585

■ 65.4766, 52.1663,
92.2072

■ 89.8738, 97.5304,
99.6774

■ 60.8826, 43.8162,
90.8376

■ 90.4649, 97.8350,
99.7051

■ 57.0880, 37.0570,
89.7329

■ 91.0612, 98.1425,
99.7330

■ 54.0403, 31.7839,
88.8757

■ 91.6630, 98.4527,
99.7612

■ 51.6808, 27.8792,
88.2464

■ 92.2701, 98.7657,
99.7896

■ 49.9418, 25.2080,
87.8225

■ 92.8827, 99.0815,
99.8183

■ 48.7419, 23.6073,
87.5767

■ 93.3293, 99.3117,
99.8392

■ 48.0622, 22.8906,
87.4742

Harmonies

Analogous

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



73.6834, 74.0098, 104.6533



77.2475, 74.0098, 95.8019



78.9728, 74.0098, 83.4660

Triad

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



77.2475, 74.0098, 95.8019



71.3433, 74.0098, 59.0785



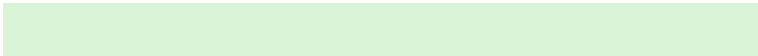
62.9368, 74.0098, 90.3716

Complementary

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



77.2475, 74.0098, 95.8019



73.2345, 84.3614, 76.7173

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.



62.3680, 74.0098, 77.7693



77.2475, 74.0098, 95.8019



67.1073, 74.0098, 60.5209

Square

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



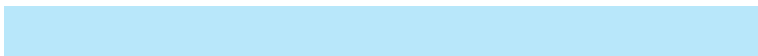
77.2475, 74.0098, 95.8019



75.4743, 74.0098, 62.9049



63.8647, 74.0098, 67.0697



65.4518, 74.0098, 101.2995

Rectangle

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



77.2475, 74.0098, 95.8019



78.7998, 74.0098, 75.2544



63.8647, 74.0098, 67.0697



62.5160, 74.0098, 86.1597

Sweetspot

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



77.2497, 74.0130, 95.8035



91.6236, 93.5307, 107.8319



69.2771, 70.8232, 95.6080



19.4774, 19.7672, 23.0388



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.



77.2497, 74.0130, 95.8035



83.7998, 78.8357, 105.4078



76.1647, 73.6587, 86.4875



17.0942, 16.7067, 20.8663



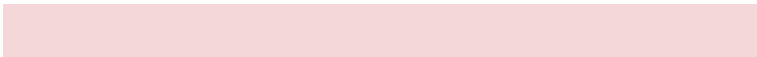
26.1813, 12.4713, 47.5653



2.3344, 1.1133, 4.1821

Inverse Universe

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



74.1357, 72.8471, 75.8029



79.8028, 77.3409, 79.6626



74.2543, 84.7010, 85.1715



16.5455, 16.5010, 17.3531



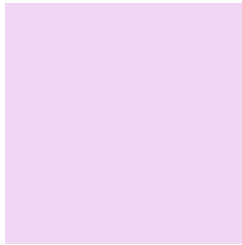
20.3578, 10.4865, 1.3265



1.8051, 0.9280, 0.2001

Previews

White Background



This preview shows how the XYZ color 77.2475, 74.0098, 95.8019 looks on a white background.

Color Contrast Check

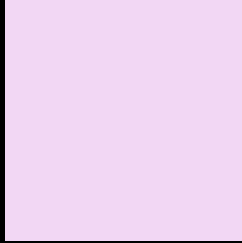
Large Text (above 18pt) WCAG AA × Fail

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 77.2475, 74.0098, 95.8019 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 77.2475, 74.0098, 95.8019

Background



This preview shows how black text looks on a background with the XYZ color 77.2475, 74.0098, 95.8019.

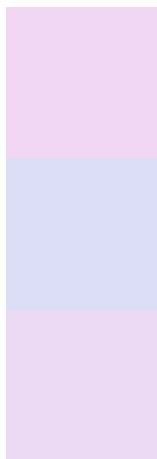


This preview shows how white text looks on a background with the XYZ color 77.2475, 74.0098,

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

77.2475, 74.0098, 95.8019

Protanopia

72.5798, 74.2355, 99.3105

Deuteranopia

75.7341, 73.9902, 95.8779



Tritanopia

75.5993, 74.0915, 88.1585

Trichromacy



Original Color

77.2475, 74.0098, 95.8019

Protanomaly

74.1149, 73.8724, 98.3482

Deuteranomaly

76.1449, 73.8205, 95.8235

Tritanomaly

76.2641, 73.9856, 91.1500

Monochromacy



Original Color

77.2475, 74.0098, 95.8019

Achromatopsia

72.2879, 76.0525, 82.8211

Achromatomaly

74.1080, 75.2815, 87.7157

CSS Examples

Text

The CSS property to change the color of the text to XYZ 77.2475, 74.0098, 95.8019 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, 215, 244)` looks like.

```
.text, #text, p{  
    color:rgb(242, 215, 244)  
}
```

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, 215, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 215, 244) }
```

Border

The CSS property to change the border of an element to XYZ 77.2475, 74.0098, 95.8019 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, 215, 244) }
```


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

```
.border{ border-color:rgb(242, 215, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 215, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 215, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 215, 244);  
box-shadow:4px 4px 4px 4px rgb(242, 215,  
244) }
```

Background

The CSS property to change the background color of an element to XYZ 77.2475, 74.0098, 95.8019 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 215, 244) }
```

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

```
.background{ background-color: rgb(242,  
215, 244) }
```

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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