

Converting Colors

XYZ(77.5756, 74.6187, 94.5156)

Have a look what the booklet for
XYZ(77.5756, 74.6187, 94.5156)
contains.

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Color

**XYZ(77.5450, 74.5772,
94.3122)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | F3D8F2 |
| RGB | 243, 216, 242 |
| RGB Percent | 95%, 85%, 95% |
| CMY | 0.0471, 0.1529, 0.0510 |
| CMYK | 0.00, 0.11, 0.00, 0.05 |
| HSL | 302°, 53%, 90% |
| HSV | 302°, 11%, 95% |
| XYZ | 77.5450, 74.5772, 94.3122 |
| YIQ | 227.0370, 7.7460, 13.8100 |

Conversions

Conversions Part 2

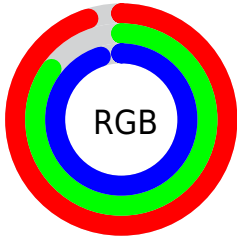
| Format | Color |
|-------------------------------------|------------------------------|
| R _Y B | 243, 216, 242 |
| Decimal | 15980786 |
| CIE Lab | 89.19, 13.78, -9.28 |
| CIE LCh | 89, 16.613, 326.050 |
| Yxy | 74.5772, 0.3147, 0.3026 |
| Android (android.graphics.Color) | 4294170866 (0xFFFF3D8F2) |
| YUV | 227.0370, 7.3768, 13.9996 |
| Hunter-Lab | 86.3581, 9.1569, -4.3003 |

Details

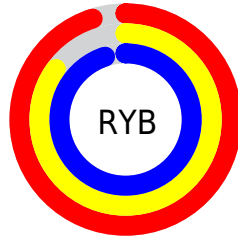
The XYZ color **77.5450, 74.5772, 94.3122** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **72.8967, 83.7119, 77.9654**, and the grayscale version is **72.9865, 76.7875, 83.6216**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.1013, 39.5997, 51.8789** is the 20% darker color. If you saturate the color by 10%, you get **71.6400, 62.9819, 91.6793**, and if you desaturate by 10%, it is **84.3756, 88.0204, 97.2587**.

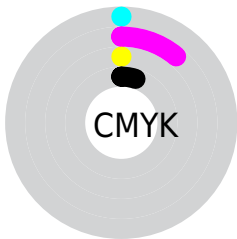
Distribution



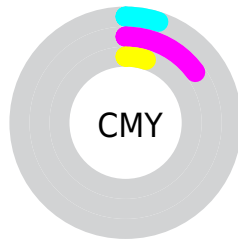
- Red (95%)
- Green (85%)
- Blue (95%)



- Red (95%)
- Yellow (85%)
- Blue (95%)



- Cyan (0%)
- Magenta (11%)
- Yellow (0%)
- Black (5%)



- Cyan (5%)
- Magenta (15%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 77.5450, 74.5772, 94.3122 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 77.5450, 74.5772, 94.3122 by changing the saturation by 10% instead.

77.5450, 74.5772,
94.3122

77.5450, 74.5772,
94.3122

475.4837,
476.4631, 562.8887

58.0018, 55.2666,
70.9689

128.8773,
125.7137, 155.3014

42.0533, 39.6152,
51.8352

161.3970,
158.3084, 193.7845

29.3343, 27.2386,
36.4924

198.9730,
196.0998, 238.1512

19.4794, 17.7525,
24.5220

241.9706,
239.4725, 288.8201

12.1233, 10.7725,
15.5055

290.7551,
288.8108, 346.2098

6.9005, 5.9140,
9.0244

345.6919,

3.4457, 2.7929,

344.4990, 410.7387

4.6601

407.1463,
406.9217, 482.8255

■ 1.3936, 1.0246,
1.9940

■ 0.2517, 0.0000,
0.5516

■ 77.5450, 74.5772,
94.3122

■ 77.5450, 74.5772,
94.3122

■ 71.6400, 62.9819,
91.6793

■ 84.3756, 88.0204,
97.2587

■ 66.6138, 53.1443,
89.3417

■ 89.0217, 97.0946,
99.4795

■ 62.4254, 44.9812,
87.2866

■ 89.1586, 97.1493,
100.2004

■ 59.0279, 38.3988,
85.4985

■ 89.2962, 97.2044,
100.9249

56.3697, 33.2942,
83.9600

89.4345, 97.2597,
101.6530

54.3933, 29.5520,
82.6521

89.5734, 97.3152,
102.3845

53.0327, 27.0402,
81.5527

89.7130, 97.3711,
103.1196

52.2086, 25.6004,
80.6354

89.8532, 97.4272,
103.8582

51.8139, 24.9954,
79.9352

89.9942, 97.4836,
104.6004

Harmonies

Analogous

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



74.3603, 74.5772, 102.9443



77.5450, 74.5772, 94.3122



78.9439, 74.5772, 82.7489

Triad

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



77.5450, 74.5772, 94.3122



71.4215, 74.5772, 60.9130



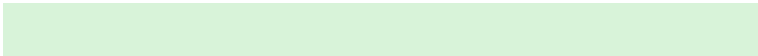
64.1113, 74.5772, 91.4006

Complementary

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



77.5450, 74.5772, 94.3122



72.8967, 83.7119, 77.9654

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.



63.3911, 74.5772, 79.6743



77.5450, 74.5772, 94.3122



67.5165, 74.5772, 62.7590

Square

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



77.5450, 74.5772, 94.3122



75.3244, 74.5772, 64.0627



64.6147, 74.5772, 69.3666



66.6205, 74.5772, 101.1540

Rectangle

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



77.5450, 74.5772, 94.3122



78.6379, 74.5772, 75.1876



64.6147, 74.5772, 69.3666



63.6562, 74.5772, 87.5286

Sweetspot

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



77.5472, 74.5804, 94.3138



92.6123, 95.1976, 107.8625



69.3223, 70.3230, 94.7152



19.6869, 20.1084, 23.0288



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.



77.5472, 74.5804, 94.3138



85.1743, 80.5641, 104.6358



75.6075, 73.8046, 84.0997



17.1856, 16.7571, 20.7237



28.4486, 13.7229, 43.9320



2.5085, 1.2094, 3.9041

Inverse Universe

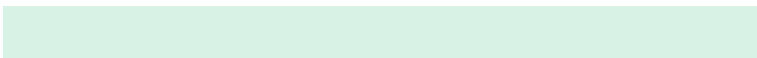
The Inverse Universe completely reimagines the original color for something new.



77.5472, 74.5804, 94.3138



85.1743, 80.5641, 104.6358



74.7112, 84.4377, 87.5207



17.1856, 16.7571, 20.7237



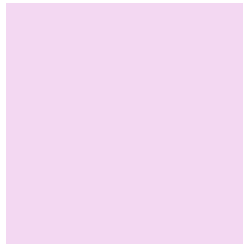
28.4486, 13.7229, 43.9320



2.5085, 1.2094, 3.9041

Previews

White Background



This preview shows how the XYZ color 77.5450, 74.5772, 94.3122 looks on a white background.

Color Contrast Check

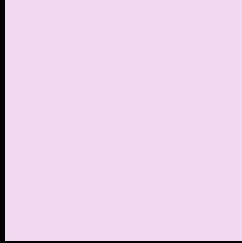
Large Text (above 18pt) WCAG AA × Fail

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 77.5450, 74.5772, 94.3122 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 77.5450, 74.5772, 94.3122

Background



This preview shows how black text looks on a background with the XYZ color 77.5450, 74.5772, 94.3122.



This preview shows how white text looks on a background with the XYZ color 77.5450, 74.5772,

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

77.5450, 74.5772, 94.3122

Protanopia

73.1464, 74.9588, 97.8020

Deuteranopia

76.3583, 74.7308, 94.4044



Tritanopia

76.2821, 74.4435, 88.1904

Trichromacy



Original Color

77.5450, 74.5772, 94.3122

Protanomaly

74.7078, 74.6020, 96.8483

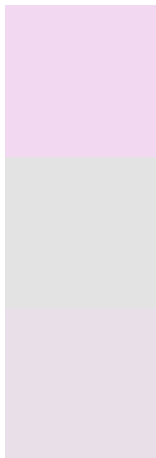
Deuteranomaly

76.7750, 74.5618, 94.3498

Tritanomaly

76.7169, 74.6174, 90.4799

Monochromacy



Original Color

77.5450, 74.5772, 94.3122

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 77.5450, 74.5772, 94.3122 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(243, 216, 242) looks like.

```
.text, #text, p{  
    color:rgb(243, 216, 242)  
}
```

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(243, 216, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 216, 242) }
```

Border

The CSS property to change the border of an element to XYZ 77.5450, 74.5772, 94.3122 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(243, 216, 242) }
```


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

```
.border{ border-color:rgb(243, 216, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 216, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 216, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 216, 242);  
box-shadow:4px 4px 4px 4px rgb(243, 216,  
242) }
```

Background

The CSS property to change the background color of an element to XYZ 77.5450, 74.5772, 94.3122 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 216, 242) }
```

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

```
.background{ background-color: rgb(243,  
216, 242) }
```

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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