

Converting Colors

XYZ(77.5237, 72.6620, 98.5898)

Have a look what the booklet for
XYZ(77.5237, 72.6620, 98.5898)
contains.

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Color

**XYZ(77.5458, 72.5989,
98.7328)**

Conversions

Conversions Part 1

Format	Color
Hex	F4D3F8
RGB	244, 211, 248
RGB Percent	96%, 83%, 97%
CMY	0.0431, 0.1725, 0.0274
CMYK	0.02, 0.15, 0.00, 0.03
HSL	294°, 73%, 90%
HSV	294°, 15%, 97%
XYZ	77.5458, 72.5989, 98.7328
YIQ	225.0850, 7.7910, 18.5030

Conversions

Conversions Part 2

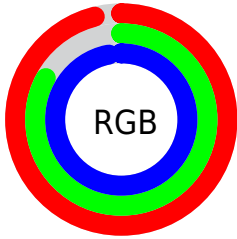
Format	Color
RYB	244, 211, 248
Decimal	16045048
CIELab	88.26, 17.83, -13.83
CIELCh	88, 22.563, 322.198
Yxy	72.5989, 0.3116, 0.2917
Android (android.graphics.Color)	4294235128 (0xFFFF4D3F8)
YUV	225.0850, 11.2971, 16.5885
Hunter-Lab	85.2050, 13.3457, -9.0599

Details

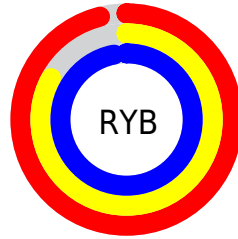
The XYZ color **77.5458, 72.5989, 98.7328** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **73.3521, 86.2868, 74.4205**, and the grayscale version is **71.5484, 75.2745, 81.9739**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.1419, 38.2741, 55.0357** is the 20% darker color. If you saturate the color by 10%, you get **70.9309, 60.7390, 96.7933**, and if you desaturate by 10%, it is **85.1290, 86.3729, 100.9929**.

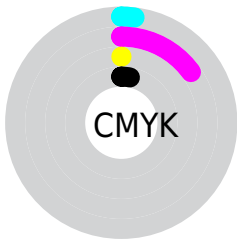
Distribution



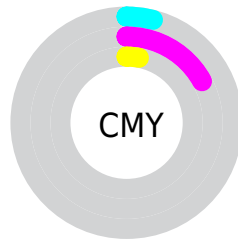
- Red (96%)
- Green (83%)
- Blue (97%)



- Red (96%)
- Yellow (83%)
- Blue (97%)



- Cyan (2%)
- Magenta (15%)
- Yellow (0%)
- Black (3%)



- Cyan (4%)
- Magenta (17%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 77.5458, 72.5989, 98.7328 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 77.5458, 72.5989, 98.7328 by changing the saturation by 10% instead.

77.5458, 72.5989,
98.7328

77.5458, 72.5989,
98.7328

475.4864,
469.6235, 577.3342

58.0024, 53.6481,
74.6317

128.8784,
122.9076, 161.4513

42.0539, 38.3204,
54.8113

161.3983,
155.0343, 200.9058

29.3348, 26.2314,
38.8531

198.9745,
192.3217, 246.3152

19.4798, 16.9969,
26.3385

241.9723,
235.1542, 298.0980

12.1235, 10.2322,
16.8490

290.7570,
283.9163, 356.6727

6.9006, 5.5532,
9.9661

345.6940,

3.4458, 2.5754,

338.9922, 422.4580

5.2712

407.1487,
400.7665, 495.8723

■ 1.3937, 0.9143,
2.3457

■ 0.2517, 0.0000,
0.7567

■ 77.5458, 72.5989,
98.7328

■ 77.5458, 72.5989,
98.7328

■ 70.9309, 60.7390,
96.7933

■ 85.1290, 86.3729,
100.9929

■ 65.2344, 50.6971,
95.1553

■ 91.9002, 98.5041,
102.9775

■ 60.4115, 42.3824,
93.8046

■ 92.8646, 99.0012,
103.0227

■ 56.4112, 35.6932,
92.7243

■ 93.8427, 99.5054,
103.0684

■ 53.1771, 30.5165,
91.8955

■ 93.9435, 99.5574,
103.0731

■ 50.6455, 26.7252,
91.2972

■ 48.7423, 24.1712,
90.9045

■ 47.3766, 22.6724,
90.6872

■ 46.8206, 22.1796,
90.6214

Harmonies

Analogous

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



73.0050, 72.5989, 109.9360



77.5458, 72.5989, 98.7328



79.8215, 72.5989, 83.1578

Triad

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



77.5458, 72.5989, 98.7328



70.4236, 72.5989, 53.0717



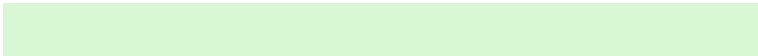
59.8200, 72.5989, 90.8362

Complementary

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



77.5458, 72.5989, 98.7328



73.3521, 86.2868, 74.4205

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.



59.2092, 72.5989, 75.0756



77.5458, 72.5989, 98.7328



65.1501, 72.5989, 54.5660

Square

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



77.5458, 72.5989, 98.7328



75.5718, 72.5989, 57.7832



61.1120, 72.5989, 62.1704



62.8264, 72.5989, 104.9780

Rectangle

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



77.5458, 72.5989, 98.7328



79.6690, 72.5989, 72.9234



61.1120, 72.5989, 62.1704



59.3343, 72.5989, 85.5059

Sweetspot

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



77.5480, 72.6020, 98.7344



91.4774, 93.4553, 107.8250



68.1914, 69.3919, 98.6079



19.4403, 19.7480, 23.0371



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.



77.5480, 72.6020, 98.7344



80.3130, 73.2010, 104.5040



76.8328, 72.4780, 87.6462



17.7974, 17.4237, 21.8104



25.3653, 12.0190, 48.9565



2.4006, 1.1396, 4.5366

Inverse Universe

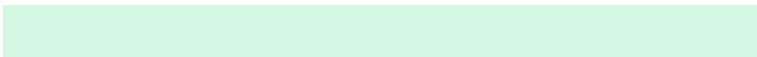
The Inverse Universe completely reimagines the original color for something new.



74.2738, 71.4544, 74.1706



76.2105, 71.7682, 73.4958



74.0495, 86.4317, 84.1483



17.3209, 17.2557, 18.2795



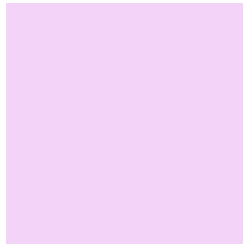
21.0418, 10.8324, 1.6625



1.9731, 1.0130, 0.2815

Previews

White Background



This preview shows how the XYZ color 77.5458, 72.5989, 98.7328 looks on a white background.

Color Contrast Check

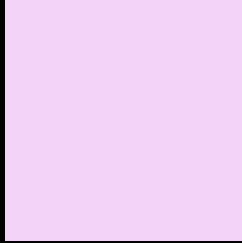
Large Text (above 18pt) WCAG AA × Fail

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 77.5458, 72.5989, 98.7328 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 77.5458, 72.5989, 98.7328

Background



This preview shows how black text looks on a background with the XYZ color 77.5458, 72.5989, 98.7328.



This preview shows how white text looks on a background with the XYZ color 77.5458, 72.5989,

98.7328.

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

77.5458, 72.5989, 98.7328

Protanopia

71.8015, 72.9411, 104.0606

Deuteranopia

74.2994, 72.8161, 98.1346



Tritanopia

74.7460, 72.5634, 85.6679

Trichromacy



Original Color

77.5458, 72.5989, 98.7328

Protanomaly

73.7476, 72.8227, 102.2647

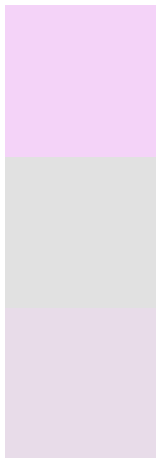
Deuteranomaly

75.4271, 72.6414, 98.0414

Tritanomaly

75.6983, 72.5802, 90.1404

Monochromacy



Original Color

77.5458, 72.5989, 98.7328

Achromatopsia

71.5672, 75.2942, 81.9954

Achromatomaly

73.5799, 74.2254, 87.5397

CSS Examples

Text

The CSS property to change the color of the text to XYZ 77.5458, 72.5989, 98.7328 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, 211, 248) looks like.

```
.text, #text, p{  
    color:rgb(244, 211, 248)  
}
```

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, 211, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 211, 248) }
```

Border

The CSS property to change the border of an element to XYZ 77.5458, 72.5989, 98.7328 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, 211, 248) }
```


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

```
.border{ border-color:rgb(244, 211, 248) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 211, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 211, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 211, 248);  
box-shadow:4px 4px 4px 4px rgb(244, 211,  
248) }
```

Background

The CSS property to change the background color of an element to XYZ 77.5458, 72.5989, 98.7328 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 211, 248) }
```

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

```
.background{ background-color: rgb(244,  
211, 248) }
```

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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