

Converting Colors

XYZ(78.0848, 72.8259,
104.5490)

Have a look what the booklet for
XYZ(78.0848, 72.8259, 104.5490)
contains.

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Color

**XYZ(77.9622, 72.6858,
104.5284)**

Conversions

Conversions Part 1

Format	Color
Hex	F2D3FF
RGB	242, 211, 255
RGB Percent	95%, 83%, 100%
CMY	0.0510, 0.1725, 0.0000
CMYK	0.05, 0.17, 0.00, 0.00
HSL	282°, 100%, 91%
HSV	282°, 17%, 100%
XYZ	77.9622, 72.6858, 104.5284
YIQ	225.2850, 4.3520, 20.2560

Conversions

Conversions Part 2

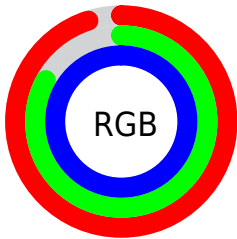
Format	Color
R_{YB}	242, 211, 255
Decimal	15913983
CIE _{Lab}	88.30, 18.48, -17.47
CIE _{LCh}	88, 25.436, 316.608
Yxy	72.6858, 0.3055, 0.2848
Android (android.graphics.Color)	4294104063 (0xFFFF2D3FF)
YUV	225.2850, 14.6495, 14.6591
Hunter-Lab	85.2560, 14.0311, -13.0136

Details

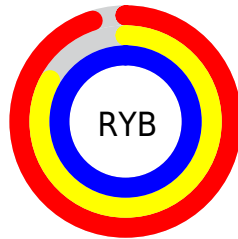
The XYZ color **77.9622, 72.6858, 104.5284** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **78.2602, 92.0713, 75.2784**, and the grayscale version is **71.6705, 75.4030, 82.1138**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.3312, 38.2933, 58.5863** is the 20% darker color. If you saturate the color by 10%, you get **69.5904, 59.7015, 102.4635**, and if you desaturate by 10%, it is **87.4494, 87.7407, 106.9343**.

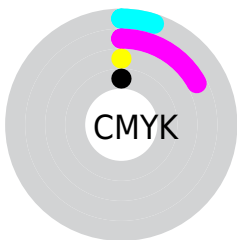
Distribution



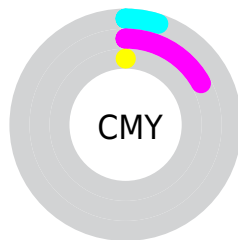
- Red (95%)
- Green (83%)
- Blue (100%)



- Red (95%)
- Yellow (83%)
- Blue (100%)



- Cyan (5%)
- Magenta (17%)
- Yellow (0%)
- Black (0%)



- Cyan (5%)
- Magenta (17%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 77.9622, 72.6858, 104.5284 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 77.9622, 72.6858, 104.5284 by changing the saturation by 10% instead.

77.9622, 72.6858,
104.5284

77.9622, 72.6858,
104.5284

476.8802,
469.9251, 595.9858

58.3456, 53.7191,
79.4499

129.4625,
123.0311, 169.4724

42.3309, 38.3771,
58.7423

162.0769,
155.1784, 210.1749

29.5527, 26.2755,
41.9870

199.7546,
192.4881, 256.9226

19.6457, 17.0299,
28.7656

242.8610,
235.3444, 310.1338

12.2445, 10.2558,
18.6595

291.7614,
284.1319, 370.2272

6.9838, 5.5689,
11.2502

346.8211,

3.4982, 2.5848,

339.2350, 437.6213

6.1191

408.4056,
401.0379, 512.7347

■ 1.4224, 0.9190,
2.8477

■ 0.2721, 0.0000,
1.0174

■ 77.9622, 72.6858,
104.5284

■ 77.9622, 72.6858,
104.5284

■ 69.5904, 59.7015,
102.4635

■ 87.4494, 87.7407,
106.9343

■ 62.2795, 48.6837,
100.7221

95.0500, 100.0000,
108.9000

■ 55.9790, 39.5324,
99.2878

■ 50.6320, 32.1356,
98.1419

■ 46.1750, 26.3685,
97.2637

■ 42.5364, 22.0897,
96.6296

■ 39.6321, 19.1331,
96.2120

■ 37.3537, 17.2843,
95.9752

■ 36.7934, 16.8826,
95.9272

Harmonies

Analogous

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



72.4920, 72.6858, 115.8846



77.9622, 72.6858, 104.5284



81.1327, 72.6858, 87.1782

Triad

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



77.9622, 72.6858, 104.5284



71.8373, 72.6858, 50.7612



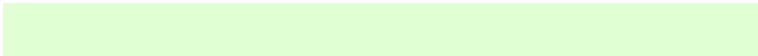
58.4467, 72.6858, 89.1351

Complementary

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



77.9622, 72.6858, 104.5284



78.2602, 92.0713, 75.2784

Split Complementary

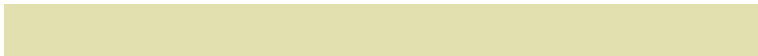
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



58.2944, 72.6858, 71.6164



77.9622, 72.6858, 104.5284



65.7878, 72.6858, 51.1250

Square

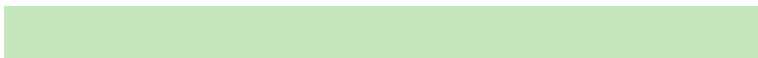
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



77.9622, 72.6858, 104.5284



77.4587, 72.6858, 57.1604



60.9099, 72.6858, 58.2404



61.3389, 72.6858, 106.1415

Rectangle

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



77.9622, 72.6858, 104.5284



81.4012, 72.6858, 75.3401



60.9099, 72.6858, 58.2404



58.0795, 72.6858, 83.0707

Sweetspot

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



77.9642, 72.6888, 104.5289



89.7443, 91.4257, 107.5246



71.6260, 74.4906, 105.2108



19.0544, 19.3203, 22.9749



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.



77.9642, 72.6888, 104.5289



74.6987, 67.5852, 103.7160



81.2011, 74.5174, 97.4542



18.2393, 18.0151, 22.7659



19.3822, 8.9024, 50.1314



1.9968, 0.9233, 4.8862

Inverse Universe

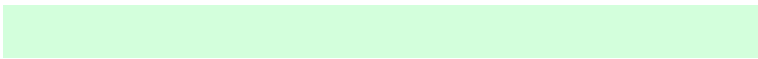
The Inverse Universe completely reimagines the original color for something new.



77.9907, 73.2333, 80.5485



74.7914, 68.2673, 75.0658



75.5179, 90.5266, 81.0676



18.2301, 18.0754, 19.8291



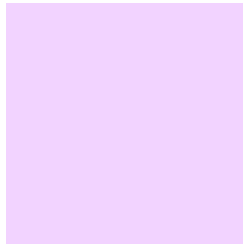
22.2750, 11.3993, 4.8327



2.2143, 1.1281, 0.7098

Previews

White Background



This preview shows how the XYZ color 77.9622, 72.6858, 104.5284 looks on a white background.

Color Contrast Check

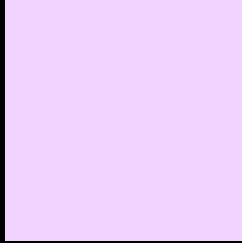
Large Text (above 18pt) WCAG AA × Fail

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 77.9622, 72.6858, 104.5284 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

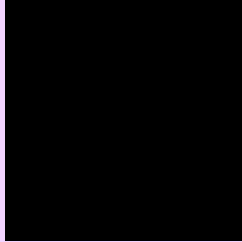
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 77.9622, 72.6858, 104.5284

Background



This preview shows how black text looks on a background with the XYZ color 77.9622, 72.6858, 104.5284.



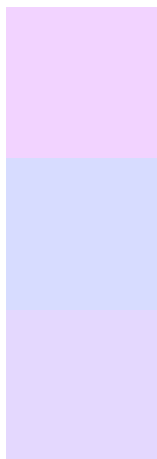
This preview shows how white text looks on a background with the XYZ color 77.9622, 72.6858,

104.5284.

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

77.9622, 72.6858, 104.5284

Protanopia

71.6675, 72.8535, 104.8926

Deuteranopia

74.4402, 72.7615, 103.8869



Tritanopia

74.1258, 72.6042, 86.4511

Trichromacy



Original Color

77.9622, 72.6858, 104.5284

Protanomaly

73.9142, 72.8533, 104.7741

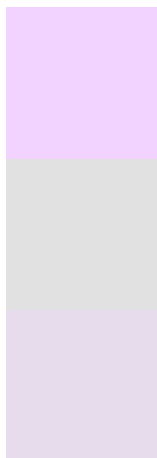
Deuteranomaly

75.5402, 72.5725, 103.7924

Tritanomaly

75.3713, 72.7351, 92.5049

Monochromacy



Original Color

77.9622, 72.6858, 104.5284

Achromatopsia

71.5672, 75.2942, 81.9954

Achromatomaly

73.6885, 74.2315, 89.8012

CSS Examples

Text

The CSS property to change the color of the text to XYZ 77.9622, 72.6858, 104.5284 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, 211, 255)` looks like.

```
.text, #text, p{  
    color:rgb(242, 211, 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, 211, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 211, 255) }
```

Border

The CSS property to change the border of an element to XYZ 77.9622, 72.6858, 104.5284 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, 211, 255) }
```


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

```
.border{ border-color:rgb(242, 211, 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, 211, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 211, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 211, 255);  
box-shadow:4px 4px 4px 4px rgb(242, 211,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 77.9622, 72.6858, 104.5284 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 211, 255) }
```

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

```
.background{ background-color: rgb(242,  
211, 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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