

Converting Colors

XYZ(77.3670, 72.9241, 79.9350)

Have a look what the booklet for
XYZ(77.3670, 72.9241, 79.9350)
contains.

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Color

**XYZ(77.4866, 72.9871,
79.8160)**

Conversions

Conversions Part 1

Format	Color
Hex	FED3DF
RGB	254, 211, 223
RGB Percent	100%, 83%, 87%
CMY	0.0039, 0.1725, 0.1255
CMYK	0.00, 0.17, 0.12, 0.00
HSL	343°, 96%, 91%
HSV	343°, 17%, 100%
XYZ	77.4866, 72.9871, 79.8160
YIQ	225.2250, 21.7760, 12.8480

Conversions

Conversions Part 2

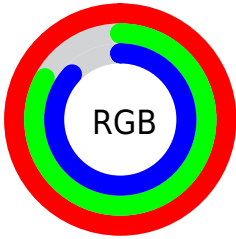
Format	Color
RYB	254, 211, 223
Decimal	16700383
CIELab	88.44, 16.91, -0.26
CIELCh	88, 16.912, 359.117
Yxy	72.9871, 0.3365, 0.3169
Android (android.graphics.Color)	4294890463 (0xFF FED3DF)
YUV	225.2250, -1.0969, 25.2357
Hunter-Lab	85.4325, 12.3913, 4.4106

Details

The XYZ color **77.4866, 72.9871, 79.8160** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **78.3357, 91.1451, 97.4728**, and the grayscale version is **71.7283, 75.4637, 82.1800**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.9823, 38.4744, 42.2594** is the 20% darker color. If you saturate the color by 10%, you get **69.3312, 60.4158, 65.5675**, and if you desaturate by 10%, it is **86.9102, 87.6658, 95.8066**.

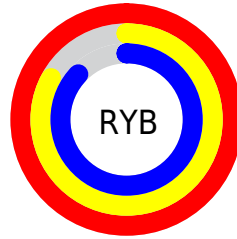
Distribution



Red (100%)

Green (83%)

Blue (87%)



Red (100%)

Yellow (83%)

Blue (87%)

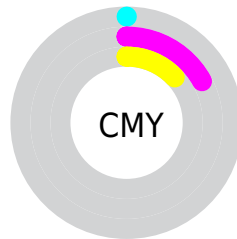


Cyan (0%)

Magenta (17%)

Yellow (12%)

Black (0%)



Cyan (0%)


Magenta (17%)


Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 77.4866, 72.9871, 79.8160 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 77.4866, 72.9871, 79.8160 by changing the saturation by 10% instead.


 77.4866, 72.9871,
79.8160

 77.4866, 72.9871,
79.8160


475.2880,
470.9701, 514.0029

 57.9536, 53.9654,
59.0417


128.7953,
123.4589, 134.9161

 42.0145, 38.5740,
42.2264


161.3018,
155.6778, 170.0789

 29.3038, 26.4285,
28.9517


198.8636,
193.0646, 210.8750

 19.4562, 17.1445,
18.7991

241.8459,
236.0036, 257.7228

 12.1063, 10.3376,
11.3498

290.6141,
284.8792, 311.0410

 6.8889, 5.6233,
6.1855

345.5337,

 3.4384, 2.6174,

340.0760, 371.2481

2.8876

406.9698,
401.9781, 438.7625

■ 1.3896, 0.9354,
1.0375

■ 0.2488, 0.0000,
0.0000

■ 77.4866, 72.9871,
79.8160

■ 77.4866, 72.9871,
79.8160

■ 69.3312, 60.4158,
65.5675

■ 86.9102, 87.6658,
95.8066

■ 62.3827, 49.8452,
52.9964

94.6834, 99.8110,
108.8828

■ 56.5838, 41.1742,
42.0406

■ 51.8701, 34.2889,
32.6321

■ 48.1703, 29.0630,
24.6980

■ 45.4046, 25.3535,
18.1589

■ 43.4797, 22.9929,
12.9268

■ 42.2798, 21.7691,
8.9011

■ 42.0064, 21.5242,
7.8792

Harmonies

Analogous

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



76.3004, 72.9871, 91.5262



77.4866, 72.9871, 79.8160



76.4288, 72.9871, 69.0656

Triad

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



77.4866, 72.9871, 79.8160



65.6369, 72.9871, 61.4705



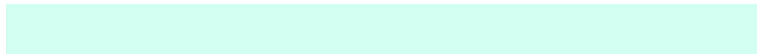
65.4360, 72.9871, 100.2771

Complementary

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



77.4866, 72.9871, 79.8160



78.3357, 91.1451, 97.4728

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.



62.7636, 72.9871, 90.8713



77.4866, 72.9871, 79.8160



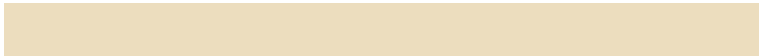
62.8763, 72.9871, 68.5229

Square

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



77.4866, 72.9871, 79.8160



69.4926, 72.9871, 59.1191



61.8448, 72.9871, 79.1261



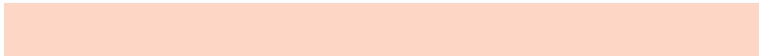
69.2517, 72.9871, 104.0267

Rectangle

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



77.4866, 72.9871, 79.8160



74.6160, 72.9871, 63.7156



61.8448, 72.9871, 79.1261



64.3797, 72.9871, 97.6295

Sweetspot

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



77.4887, 72.9904, 79.8175



89.6716, 91.5552, 99.9794



77.7412, 72.5926, 103.6811



19.0374, 19.3522, 21.1392



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

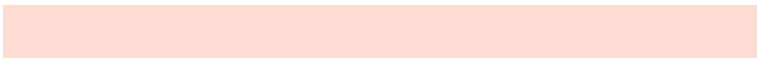
The Same Dimension uses a secret algorithm to generate beautiful new colors.



77.4887, 72.9904, 79.8175



75.5177, 69.5197, 75.9252



78.3097, 77.1299, 72.3922



18.2176, 18.0704, 19.7632



22.1997, 11.3692, 4.4359



2.2056, 1.1246, 0.6640

Inverse Universe

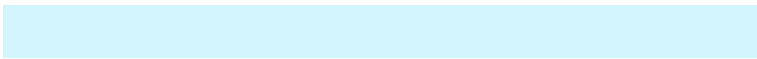
The Inverse Universe completely reimagines the original color for something new.



77.4887, 72.9904, 79.8175



75.5177, 69.5197, 75.9252



77.3126, 86.1202, 106.3148



18.2176, 18.0704, 19.7632



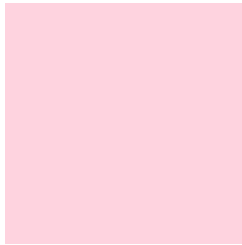
22.1997, 11.3692, 4.4359



2.2056, 1.1246, 0.6640

Previews

White Background



This preview shows how the XYZ color 77.4866, 72.9871, 79.8160 looks on a white background.

Color Contrast Check

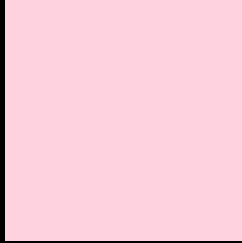
Large Text (above 18pt) WCAG AA × Fail

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 77.4866, 72.9871, 79.8160 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

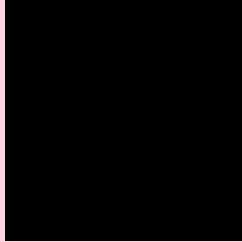
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 77.4866, 72.9871, 79.8160

Background



This preview shows how black text looks on a background with the XYZ color 77.4866, 72.9871, 79.8160.



This preview shows how white text looks on a background with the XYZ color 77.4866, 72.9871,

79.8160.

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

77.4866, 72.9871, 79.8160

Protanopia

70.7398, 73.2173, 84.5327

Deuteranopia

74.4474, 72.9295, 79.2602



Tritanopia

77.7848, 72.7101, 82.6078

Trichromacy



Original Color

77.4866, 72.9871, 79.8160

Protanomaly

72.9389, 72.8339, 82.8871

Deuteranomaly

75.5892, 73.1412, 79.2409

Tritanomaly

77.6471, 72.6550, 81.8829

Monochromacy



Original Color

77.4866, 72.9871, 79.8160

Achromatopsia

71.5672, 75.2942, 81.9954

Achromatomaly

73.6398, 74.4011, 81.0006

CSS Examples

Text

The CSS property to change the color of the text to XYZ 77.4866, 72.9871, 79.8160 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(254, 211, 223)` looks like.

```
.text, #text, p{  
    color:rgb(254, 211, 223)  
}
```

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(254, 211, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 211, 223) }
```

Border

The CSS property to change the border of an element to XYZ 77.4866, 72.9871, 79.8160 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(254, 211, 223) }
```


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

```
.border{ border-color:rgb(254, 211, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 211, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 211, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 211, 223);  
box-shadow:4px 4px 4px 4px rgb(254, 211,  
223) }
```

Background

The CSS property to change the background color of an element to XYZ 77.4866, 72.9871, 79.8160 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 211, 223) }
```

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

```
.background{ background-color: rgb(254,  
211, 223) }
```

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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