

Converting Colors

XYZ(78.4248, 66.9296,
102.8033)

Have a look what the booklet for
XYZ(78.4248, 66.9296, 102.8033)
contains.

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Color

**XYZ(78.4212, 66.9993,
102.5648)**

Conversions

Conversions Part 1

Format	Color
Hex	FFC2FE
RGB	255, 194, 254
RGB Percent	100%, 76%, 100%
CMY	0.0000, 0.2392, 0.0039
CMYK	0.00, 0.24, 0.00, 0.00
HSL	301°, 100%, 88%
HSV	301°, 24%, 100%
XYZ	78.4212, 66.9993, 102.5648
YIQ	219.0790, 17.0960, 31.5920

Conversions

Conversions Part 2

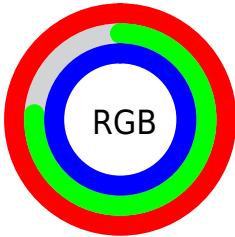
Format	Color
RYB	255, 194, 254
Decimal	16761598
CIELab	85.50, 31.44, -21.05
CIElCh	86, 37.838, 326.202
Yxy	66.9993, 0.3162, 0.2702
Android (android.graphics.Color)	4294951678 (0xFFFFC2FE)
YUV	219.0790, 17.2161, 31.5027
Hunter-Lab	81.8531, 27.7730, -16.9953

Details

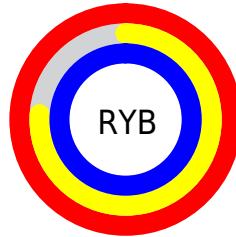
The XYZ color **78.4212, 66.9993, 102.5648** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **67.8604, 86.9304, 64.8350**, and the grayscale version is **67.2642, 70.7671, 77.0654**.

A 20% lighter version of the original color is **93.7872, 97.4744, 108.4791**, and **42.7448, 34.7932, 57.2862** is the 20% darker color. If you saturate the color by 10%, you get **73.1589, 56.5814, 100.4820**, and if you desaturate by 10%, it is **84.6602, 79.3699, 104.9757**.

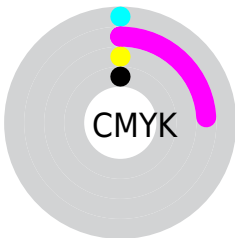
Distribution



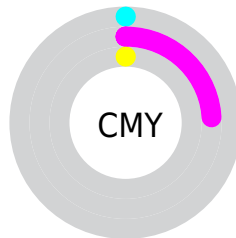
- Red (100%)
- Green (76%)
- Blue (100%)



- Red (100%)
- Yellow (76%)
- Blue (100%)



- Cyan (0%)
- Magenta (24%)
- Yellow (0%)
- Black (0%)




- Cyan (0%)
- Magenta (24%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 78.4212, 66.9993, 102.5648 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 78.4212, 66.9993, 102.5648 by changing the saturation by 10% instead.


 78.4212, 66.9993,
102.5648

 78.4212, 66.9993,
102.5648


478.4141,
449.9423, 589.7015

 58.7240, 49.0841,
77.8154


 130.1059,
114.9194, 166.7599

 42.6365, 34.6862,
57.4068

162.8242,
145.6931, 207.0427

 29.7933, 23.4212,
40.9204


200.6136,
181.5216, 253.3404

 19.8290, 14.9048,
27.9377

243.8394,
222.7896, 306.0716

 12.3784, 8.7526,
18.0401

292.8670,
269.8812, 365.6547

 7.0759, 4.5802,
10.8090

348.0617,

 3.5564, 2.0031,

323.1809, 432.5084

5.8260

409.7890,
383.0731, 507.0511

■ 1.4544, 0.6093,
2.6725

■ 0.2945, 0.0000,
0.9295

■ 78.4212, 66.9993,
102.5648

■ 78.4212, 66.9993,
102.5648

■ 73.1589, 56.5814,
100.4820

■ 84.6602, 79.3699,
104.9757

■ 68.8194, 48.0090,
98.7066

■ 91.9178, 93.7777,
107.7260

■ 65.3499, 41.1765,
97.2220

95.0500, 100.0000,
108.9000

■ 62.6908, 35.9645,
96.0081

■ 60.7748, 32.2385,
95.0427

■ 59.5239, 29.8426,
94.2998

■ 58.8429, 28.5861,
93.7475

■ 58.6248, 28.2139,
93.4773

Harmonies

Analogous

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



71.2581, 66.9993, 124.1753



78.4212, 66.9993, 102.5648



81.6302, 66.9993, 76.1301

Triad

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



78.4212, 66.9993, 102.5648



64.7815, 66.9993, 35.1899



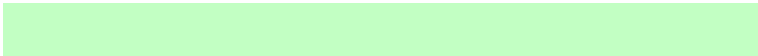
49.9771, 66.9993, 95.9017

Complementary

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



78.4212, 66.9993, 102.5648



67.8604, 86.9304, 64.8350

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.



48.5767, 66.9993, 69.8614



78.4212, 66.9993, 102.5648



56.6607, 66.9993, 38.1986

Square

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



78.4212, 66.9993, 102.5648



73.3207, 66.9993, 40.2711



50.9140, 66.9993, 49.6682



54.9252, 66.9993, 119.7606

Rectangle

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



78.4212, 66.9993, 102.5648



80.9009, 66.9993, 60.5283



50.9140, 66.9993, 49.6682



49.0961, 66.9993, 86.9665

Sweetspot

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



78.4226, 67.0019, 102.5662



89.5706, 89.1165, 106.8415



59.5926, 57.2761, 102.5223



19.0759, 18.8841, 22.8322



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.



78.4226, 67.0019, 102.5662



75.6296, 61.4703, 101.4677



74.0559, 65.2552, 79.5714



18.7791, 18.2950, 22.7198



30.6386, 14.7447, 48.8748



2.9871, 1.4372, 4.7796

Inverse Universe

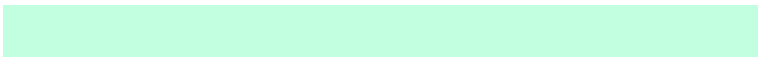
The Inverse Universe completely reimagines the original color for something new.



78.4226, 67.0019, 102.5662



75.6296, 61.4703, 101.4677



71.5324, 88.3992, 84.1717



18.7791, 18.2950, 22.7198



30.6386, 14.7447, 48.8748



2.9871, 1.4372, 4.7796

Previews

White Background



This preview shows how the XYZ color 78.4212, 66.9993, 102.5648 looks on a white background.

Color Contrast Check

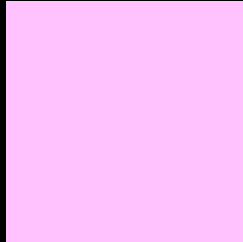
Large Text (above 18pt) WCAG AA × Fail

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 78.4212, 66.9993, 102.5648 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

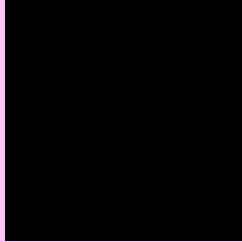
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 78.4212, 66.9993, 102.5648

Background



This preview shows how black text looks on a background with the XYZ color 78.4212, 66.9993, 102.5648.



This preview shows how white text looks on a background with the XYZ color 78.4212, 66.9993,

102.5648.

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

78.4212, 66.9993, 102.5648

Protanopia

66.4953, 67.1443, 104.0632

Deuteranopia

68.8283, 67.3177, 100.6328



Tritanopia

72.7057, 67.0551, 74.0767

Trichromacy



Original Color

78.4212, 66.9993, 102.5648



Protanomaly

70.3127, 66.5706, 103.7513



Deuteranomaly

72.1186, 67.2029, 101.2659



Tritanomaly

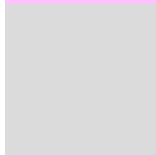
74.6219, 66.7968, 83.8230

Monochromacy



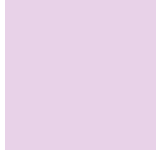
Original Color

78.4212, 66.9993, 102.5648



Achromatopsia

67.3311, 70.8376, 77.1421



Achromatomaly

70.8908, 69.0752, 85.9404

CSS Examples

Text

The CSS property to change the color of the text to XYZ 78.4212, 66.9993, 102.5648 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(255, 194, 254)` looks like.

```
.text, #text, p{  
    color:rgb(255, 194, 254)  
}
```

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(255, 194, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 194, 254) }
```

Border

The CSS property to change the border of an element to XYZ 78.4212, 66.9993, 102.5648 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(255, 194, 254) }
```


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

```
.border{ border-color:rgb(255, 194, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 194, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 194, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 194, 254);  
box-shadow:4px 4px 4px 4px rgb(255, 194,  
254) }
```

Background

The CSS property to change the background color of an element to XYZ 78.4212, 66.9993, 102.5648 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 194, 254) }
```

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

```
.background{ background-color: rgb(255,  
194, 254) }
```

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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