

Converting Colors

XYZ(78.0974, 66.8007,
101.0732)

Have a look what the booklet for
XYZ(78.0974, 66.8007, 101.0732)
contains.

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Color

**XYZ(78.1025, 66.8718,
100.8866)**

Conversions

Conversions Part 1

Format	Color
Hex	FFC2FC
RGB	255, 194, 252
RGB Percent	100%, 76%, 99%
CMY	0.0000, 0.2392, 0.0118
CMYK	0.00, 0.24, 0.01, 0.00
HSL	303°, 100%, 88%
HSV	303°, 24%, 100%
XYZ	78.1025, 66.8718, 100.8866
YIQ	218.8510, 17.7380, 30.9700

Conversions

Conversions Part 2

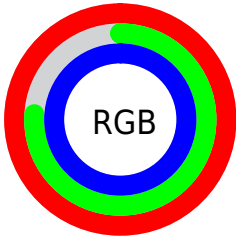
Format	Color
R _{YB}	255, 194, 252
Decimal	16761596
CIE _{Lab}	85.44, 31.09, -20.08
CIE _{LCh}	85, 37.009, 327.134
Yxy	66.8718, 0.3177, 0.2720
Android (android.graphics.Color)	4294951676 (0xFFFFC2FC)
YUV	218.8510, 16.3425, 31.7027
Hunter-Lab	81.7752, 27.3767, -15.9039

Details

The XYZ color **78.1025, 66.8718, 100.8866** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **68.0881, 87.0215, 66.0341**, and the grayscale version is **67.1118, 70.6068, 76.8908**.

A 20% lighter version of the original color is **93.7872, 97.4744, 108.4791**, and **42.5171, 34.7021, 56.0870** is the 20% darker color. If you saturate the color by 10%, you get **72.7090, 56.4014, 98.1126**, and if you desaturate by 10%, it is **84.4739, 79.2953, 103.9948**.

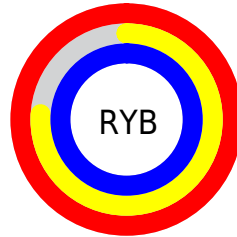
Distribution



Red (100%)

Green (76%)

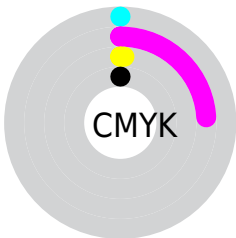
Blue (99%)



Red (100%)

Yellow (76%)

Blue (99%)

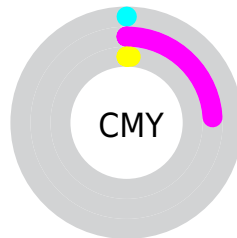


Cyan (0%)

Magenta (24%)

Yellow (1%)

Black (0%)



Cyan (0%)


Magenta (24%)


Yellow (1%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 78.1025, 66.8718, 100.8866 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 78.1025, 66.8718, 100.8866 by changing the saturation by 10% instead.


 78.1025, 66.8718,
100.8866

 78.1025, 66.8718,
100.8866


477.3493,
449.4883, 584.3024

 58.4613, 48.9804,
76.4202

 129.6592,
114.7367, 164.4375

 42.4243, 34.6040,
56.2684

162.3054,
145.4790, 204.3591

 29.6262, 23.3580,
40.0127


200.0172,
181.2738, 250.2695

 19.7017, 14.8581,
27.2346

243.1602,
222.5054, 302.5872

 12.2854, 8.7198,
17.5155

292.0995,
269.5583, 361.7309

 7.0119, 4.5589,
10.4369

347.2005,

 3.5160, 1.9909,

322.8168, 428.1189

5.5802

408.8287,
382.6654, 502.1699

■ 1.4321, 0.6021,
2.5269

■ 0.2789, 0.0000,
0.8544

■ 78.1025, 66.8718,
100.8866

■ 78.1025, 66.8718,
100.8866

■ 72.7090, 56.4014,
98.1126

■ 84.4739, 79.2953,
103.9948

■ 68.2393, 47.7770,
95.6522

■ 91.8651, 93.7566,
107.4486

■ 64.6409, 40.8929,
93.4885

95.0500, 100.0000,
108.9000

■ 61.8540, 35.6298,
91.6019

■ 59.8114, 31.8532,
89.9697

■ 58.4351, 29.4071,
88.5660

■ 57.6298, 28.1008,
87.3591

■ 57.3367, 27.6987,
86.6938

Harmonies

Analogous

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



71.2082, 66.8718, 122.1801



78.1025, 66.8718, 100.8866



81.0800, 66.8718, 75.1478

Triad

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



78.1025, 66.8718, 100.8866



64.3701, 66.8718, 35.7166



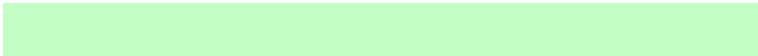
50.2512, 66.8718, 95.9926

Complementary

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



78.1025, 66.8718, 100.8866



68.0881, 87.0215, 66.0341

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.



48.7646, 66.8718, 70.5252



78.1025, 66.8718, 100.8866



56.4794, 66.8718, 38.9370

Square

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



78.1025, 66.8718, 100.8866



72.7267, 66.8718, 40.4796



50.9443, 66.8718, 50.4984



55.1972, 66.8718, 118.9454

Rectangle

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



78.1025, 66.8718, 100.8866



80.2640, 66.8718, 60.0259



50.9443, 66.8718, 50.4984



49.3503, 66.8718, 87.2960

Sweetspot

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



78.1039, 66.8744, 100.8880



89.4766, 89.0789, 106.3468



60.1180, 57.5470, 102.5469



19.0540, 18.8754, 22.7172



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.



78.1039, 66.8744, 100.8880



75.2441, 61.3161, 99.4375



73.7809, 65.1452, 78.1233



18.7518, 18.2840, 22.5762



29.9765, 14.4799, 45.3882



2.9301, 1.4144, 4.4794

Inverse Universe

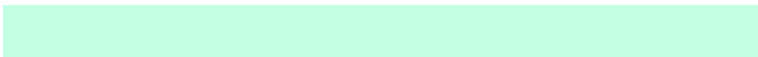
The Inverse Universe completely reimagines the original color for something new.



78.1039, 66.8744, 100.8880



75.2441, 61.3161, 99.4375



71.8107, 88.5105, 85.6371



18.7518, 18.2840, 22.5762



29.9765, 14.4799, 45.3882



2.9301, 1.4144, 4.4794

Previews

White Background



This preview shows how the XYZ color 78.1025, 66.8718, 100.8866 looks on a white background.

Color Contrast Check

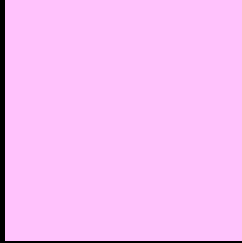
Large Text (above 18pt) WCAG AA × Fail

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 78.1025, 66.8718, 100.8866 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 78.1025, 66.8718, 100.8866

Background



This preview shows how black text looks on a background with the XYZ color 78.1025, 66.8718, 100.8866.



This preview shows how white text looks on a background with the XYZ color 78.1025, 66.8718,

100.8866.

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

78.1025, 66.8718, 100.8866

Protanopia

66.4953, 67.1443, 104.0632

Deuteranopia

68.8128, 67.3459, 98.9948



Tritanopia

72.7057, 67.0551, 74.0767

Trichromacy



Original Color

78.1025, 66.8718, 100.8866



Protanomaly

70.1521, 66.5064, 102.9055



Deuteranomaly

71.8032, 67.0768, 99.6052



Tritanomaly

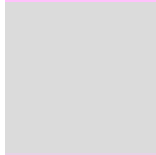
74.4818, 66.7408, 83.0854

Monochromacy



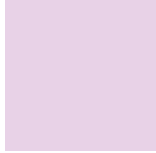
Original Color

78.1025, 66.8718, 100.8866



Achromatopsia

67.3311, 70.8376, 77.1421



Achromatomaly

70.7491, 69.0185, 85.1943

CSS Examples

Text

The CSS property to change the color of the text to XYZ 78.1025, 66.8718, 100.8866 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, 252)` looks like.

```
.text, #text, p{  
    color:rgb(255, 194, 252)  
}
```

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, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 194, 252) }
```

Border

The CSS property to change the border of an element to XYZ 78.1025, 66.8718, 100.8866 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, 252) }
```


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

```
.border{ border-color:rgb(255, 194, 252) }
```

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, 252) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 194, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 194, 252);  
box-shadow:4px 4px 4px 4px rgb(255, 194,  
252) }
```

Background

The CSS property to change the background color of an element to XYZ 78.1025, 66.8718, 100.8866 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, 252) }
```

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

```
.background{ background-color: rgb(255,  
194, 252) }
```

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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