

Converting Colors

XYZ(76.8978, 66.1875,
100.7703)

Have a look what the booklet for
XYZ(76.8978, 66.1875, 100.7703)
contains.

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Color

**XYZ(77.0074, 66.3073,
100.8353)**

Conversions

Conversions Part 1

Format	Color
Hex	FCC2FC
RGB	252, 194, 252
RGB Percent	99%, 76%, 99%
CMY	0.0118, 0.2392, 0.0118
CMYK	0.00, 0.23, 0.00, 0.01
HSL	300°, 91%, 87%
HSV	300°, 23%, 99%
XYZ	77.0074, 66.3073, 100.8353
YIQ	217.9540, 15.9500, 30.3340

Conversions

Conversions Part 2

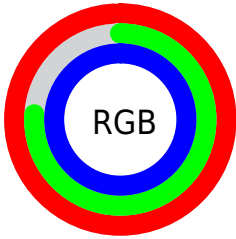
Format	Color
R _Y B	252, 194, 252
Decimal	16564988
CIE Lab	85.15, 30.12, -20.54
CIE LCh	85, 36.459, 325.703
Yxy	66.3073, 0.3154, 0.2716
Android (android.graphics.Color)	4294755068 (0xFFFC2FC)
YUV	217.9540, 16.7847, 29.8583
Hunter-Lab	81.4293, 26.3056, -16.4193

Details

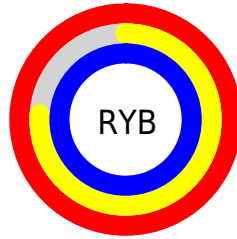
The XYZ color **77.0074, 66.3073, 100.8353** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **66.7988, 84.9873, 63.9261**, and the grayscale version is **66.4909, 69.9536, 76.1795**.

A 20% lighter version of the original color is **93.7872, 97.4744, 108.4791**, and **41.7341, 34.2984, 56.0504** is the 20% darker color. If you saturate the color by 10%, you get **71.8682, 56.0277, 99.1227**, and if you desaturate by 10%, it is **83.1017, 78.4946, 102.8677**.

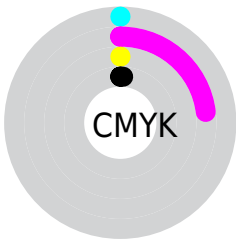
Distribution



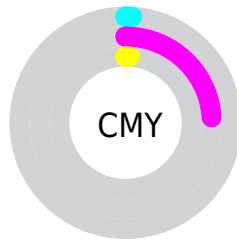
- Red (99%)
- Green (76%)
- Blue (99%)



- Red (99%)
- Yellow (76%)
- Blue (99%)



- Cyan (0%)
- Magenta (23%)
- Yellow (0%)
- Black (1%)




- Cyan (1%)
- Magenta (24%)
- Yellow (1%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 77.0074, 66.3073, 100.8353 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 77.0074, 66.3073, 100.8353 by changing the saturation by 10% instead.


 77.0074, 66.3073,
100.8353

 77.0074, 66.3073,
100.8353


473.6808,
447.4751, 584.1370

 57.5589, 48.5219,
76.3776


 128.1227,
113.9273, 164.3665

 41.6960, 34.2404,
56.2336


160.5202,
144.5306, 204.2770

 29.0534, 23.0783,
39.9850


197.9648,
180.1755, 250.1755

 19.2657, 14.6514,
27.2132

240.8218,
221.2461, 302.4805

 11.9676, 8.5751,
17.4995

289.4565,
268.1270, 361.6107

 6.7936, 4.4651,
10.4256

344.2343,

 3.3786, 1.9370,

321.2026, 427.9844

5.5727

405.5207,
380.8571, 502.0203

■ 1.3570, 0.5705,
2.5225

■ 0.2253, 0.0000,
0.8521

■ 77.0074, 66.3073,
100.8353

■ 77.0074, 66.3073,
100.8353

■ 71.8682, 56.0277,
99.1227

■ 83.1017, 78.4946,
102.8677

■ 67.6299, 47.5512,
97.7098

■ 90.1895, 92.6701,
105.2305

■ 64.2425, 40.7766,
96.5804

■ 93.4765, 99.2442,
106.3264

■ 61.6486, 35.5888,
95.7155

■ 93.4766, 99.2442,
106.3267

59.7836, 31.8589,
95.0936

93.4766, 99.2442,
106.3269

58.5729, 29.4376,
94.6899

93.4767, 99.2442,
106.3272

57.9260, 28.1439,
94.4740

93.4767, 99.2443,
106.3274

57.7161, 27.7240,
94.4039

93.4768, 99.2443,
106.3276

93.4768, 99.2443,
106.3279

Harmonies

Analogous

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



70.1317, 66.3073, 121.1645



77.0074, 66.3073, 100.8353



80.1401, 66.3073, 75.6437

Triad

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



77.0074, 66.3073, 100.8353



64.2152, 66.3073, 35.8039



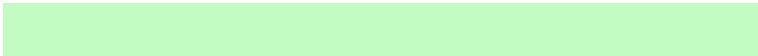
49.8236, 66.3073, 93.6694

Complementary

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



77.0074, 66.3073, 100.8353



66.7988, 84.9873, 63.9261

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.



48.5354, 66.3073, 68.8574



77.0074, 66.3073, 100.8353



56.4118, 66.3073, 38.6009

Square

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



77.0074, 66.3073, 100.8353



72.3583, 66.3073, 40.8793



50.8434, 66.3073, 49.5706



54.5274, 66.3073, 116.4359

Rectangle

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



77.0074, 66.3073, 100.8353



79.5014, 66.3073, 60.6230



50.8434, 66.3073, 49.5706



48.9953, 66.3073, 85.1585

Sweetspot

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



77.0094, 66.3102, 100.8367



89.6176, 89.1353, 107.0890



59.1136, 57.0845, 99.9998



19.0868, 18.8885, 22.8898



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.



77.0094, 66.3102, 100.8367



76.3474, 62.5950, 102.6651



72.7584, 64.6098, 78.4508



17.9931, 17.5246, 21.8195



30.0645, 14.4415, 49.1752



2.7845, 1.3375, 4.5545

Inverse Universe

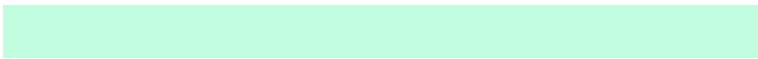
The Inverse Universe completely reimagines the original color for something new.



77.0094, 66.3102, 100.8367



76.3474, 62.5950, 102.6651



70.3803, 86.4199, 82.7859



17.9931, 17.5246, 21.8195



30.0645, 14.4415, 49.1752



2.7845, 1.3375, 4.5545

Previews

White Background



This preview shows how the XYZ color 77.0074, 66.3073, 100.8353 looks on a white background.

Color Contrast Check

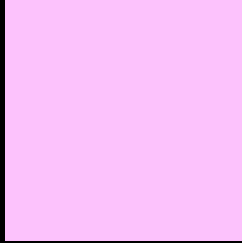
Large Text (above 18pt) WCAG AA × Fail

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 77.0074, 66.3073, 100.8353 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

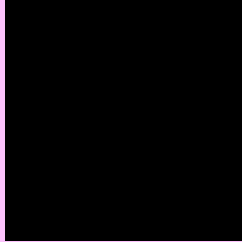
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 77.0074, 66.3073, 100.8353

Background



This preview shows how black text looks on a background with the XYZ color 77.0074, 66.3073, 100.8353.



This preview shows how white text looks on a background with the XYZ color 77.0074, 66.3073,

100.8353.

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

77.0074, 66.3073, 100.8353

Protanopia

65.9729, 66.5050, 103.9674

Deuteranopia

67.9737, 66.5502, 98.8854



Tritanopia

71.6391, 66.5053, 74.0268

Trichromacy



Original Color

77.0074, 66.3073, 100.8353



Protanomaly

69.5395, 66.1906, 102.8769



Deuteranomaly

70.9244, 66.2720, 99.4961



Tritanomaly

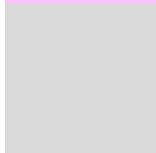
73.4039, 66.1850, 83.0349

Monochromacy



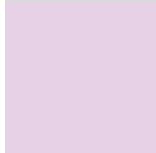
Original Color

77.0074, 66.3073, 100.8353



Achromatopsia

66.6397, 70.1102, 76.3500



Achromatomaly

69.7165, 68.1371, 84.3402

CSS Examples

Text

The CSS property to change the color of the text to XYZ 77.0074, 66.3073, 100.8353 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(252, 194, 252)` looks like.

```
.text, #text, p{  
    color:rgb(252, 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(252, 194, 252) colored shadow looks like.

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

Border

The CSS property to change the border of an element to XYZ 77.0074, 66.3073, 100.8353 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(252, 194, 252) }
```


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

```
.border{ border-color:rgb(252, 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(252, 194, 252)` colored shadow looks like.

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

Background

The CSS property to change the background color of an element to XYZ 77.0074, 66.3073, 100.8353 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 194, 252) }
```

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

```
.background{ background-color: rgb(252,  
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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