

Converting Colors

XYZ(80.0727, 73.7756,
104.6276)

Have a look what the booklet for
XYZ(80.0727, 73.7756, 104.6276)
contains.

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Color

**XYZ(80.0557, 73.7650,
104.6264)**

Conversions

Conversions Part 1

Format	Color
Hex	F8D3FF
RGB	248, 211, 255
RGB Percent	97%, 83%, 100%
CMY	0.0274, 0.1725, 0.0000
CMYK	0.03, 0.17, 0.00, 0.00
HSL	290°, 100%, 91%
HSV	290°, 17%, 100%
XYZ	80.0557, 73.7650, 104.6264
YIQ	227.0790, 7.9280, 21.5280

Conversions

Conversions Part 2

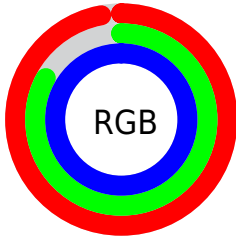
Format	Color
R _Y B	248, 211, 255
Decimal	16307199
CIE _{Lab}	88.81, 20.42, -16.65
CIE _{LCh}	89, 26.349, 320.810
Y _{xy}	73.7650, 0.3098, 0.2854
Android (android.graphics.Color)	4294497279 (0xFFFF8D3FF)
Y _{UV}	227.0790, 13.7651, 18.3477
Hunter-Lab	85.8866, 16.0801, -12.1061

Details

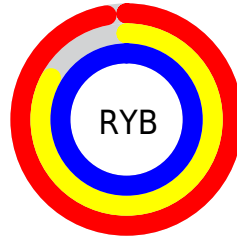
The XYZ color **80.0557, 73.7650, 104.6264** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **76.4331, 91.1294, 75.1929**, and the grayscale version is **72.9719, 76.7722, 83.6049**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.5674, 38.9305, 58.6442** is the 20% darker color. If you saturate the color by 10%, you get **72.7943, 61.3532, 102.6134**, and if you desaturate by 10%, it is **88.3572, 88.2087, 106.9768**.

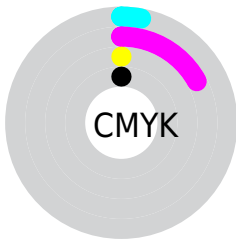
Distribution



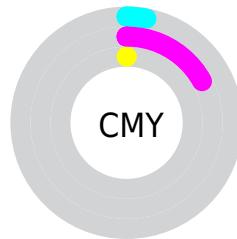
- Red (97%)
- Green (83%)
- Blue (100%)



- Red (97%)
- Yellow (83%)
- Blue (100%)



- Cyan (3%)
- Magenta (17%)
- Yellow (0%)
- Black (0%)



- Cyan (3%)
- Magenta (17%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 80.0557, 73.7650, 104.6264 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 80.0557, 73.7650, 104.6264 by changing the saturation by 10% instead.

80.0557, 73.7650,
104.6264

80.0557, 73.7650,
104.6264

483.8542,
473.6619, 596.2986

60.0728, 54.6017,
79.5315

132.3942,
124.5626, 169.6076

43.7270, 39.0829,
58.8090

165.4804,
156.9658, 210.3310

30.6529, 26.8243,
42.0404

203.6652,
194.5510, 257.1010

20.4852, 17.4413,
28.8071

247.3139,
237.7026, 310.3361

12.8586, 10.5496,
18.6906

296.7917,
286.8052, 370.4549

7.4076, 5.7649,
11.2724

352.4642,

3.7668, 2.7026,

342.2430, 437.8759

6.1339

414.6965,
404.4004, 513.0176

■ 1.5711, 0.9785,
2.8566

■ 0.3735, 0.0000,
1.0219

■ 80.0557, 73.7650,
104.6264

■ 80.0557, 73.7650,
104.6264

■ 72.7943, 61.3532,
102.6134

■ 88.3572, 88.2087,
106.9768

■ 66.5194, 50.8695,
100.9206

95.0500, 100.0000,
108.9000

■ 61.1819, 42.2146,
99.5313

■ 56.7256, 35.2770,
98.4271

■ 53.0885, 29.9325,
97.5872

■ 50.1999, 26.0404,
96.9882

■ 47.9770, 23.4351,
96.6025

■ 46.3128, 21.9029,
96.3945

■ 45.9095, 21.5821,
96.3538

Harmonies

Analogous

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



74.5606, 73.7650, 117.8385



80.0557, 73.7650, 104.6264



82.9321, 73.7650, 86.0604

Triad

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



80.0557, 73.7650, 104.6264



72.0890, 73.7650, 50.3878



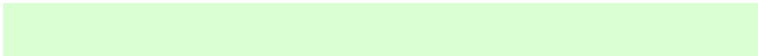
59.2580, 73.7650, 93.4571

Complementary

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



80.0557, 73.7650, 104.6264



76.4331, 91.1294, 75.1929

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.



58.6852, 73.7650, 74.8361



80.0557, 73.7650, 104.6264



65.8428, 73.7650, 51.7490

Square

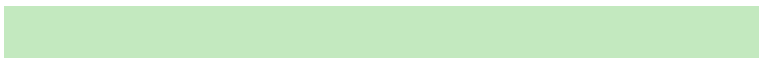
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



80.0557, 73.7650, 104.6264



78.1524, 73.7650, 56.0487



61.0267, 73.7650, 60.0997



62.6418, 73.7650, 110.7410

Rectangle

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



80.0557, 73.7650, 104.6264



82.8648, 73.7650, 73.9068



61.0267, 73.7650, 60.0997



58.7387, 73.7650, 87.0887

Sweetspot

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



80.0577, 73.7681, 104.6269



90.3744, 91.7506, 107.5541



70.0747, 71.3880, 104.6937



19.2079, 19.3994, 22.9821



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.



80.0577, 73.7681, 104.6269



77.2170, 68.8835, 103.8338



80.3137, 74.1625, 92.7812



18.4922, 18.1455, 22.7777



24.0949, 11.3319, 50.3519



2.4188, 1.1408, 4.9060

Inverse Universe

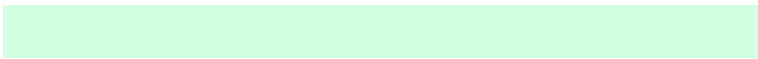
The Inverse Universe completely reimagines the original color for something new.



77.1910, 72.9134, 76.3374



73.8606, 67.8950, 70.1641



76.3078, 90.8426, 85.2271



18.1272, 18.0342, 19.2868



21.7886, 11.2047, 2.2711



2.1537, 1.1038, 0.3907

Previews

White Background



This preview shows how the XYZ color 80.0557, 73.7650, 104.6264 looks on a white background.

Color Contrast Check

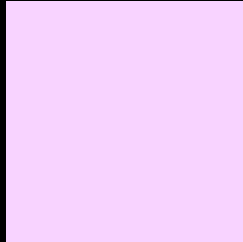
Large Text (above 18pt) WCAG AA × Fail

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 80.0557, 73.7650, 104.6264 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

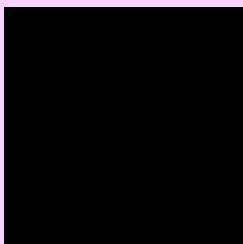
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 80.0557, 73.7650, 104.6264

Background



This preview shows how black text looks on a background with the XYZ color 80.0557, 73.7650, 104.6264.



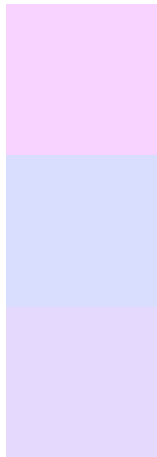
This preview shows how white text looks on a background with the XYZ color 80.0557, 73.7650,

104.6264.

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

80.0557, 73.7650, 104.6264

Protanopia

72.7865, 74.2143, 105.0963

Deuteranopia

75.3354, 73.6045, 104.0024



Tritanopia

76.5221, 73.8396, 86.5632

Trichromacy



Original Color

80.0557, 73.7650, 104.6264

Protanomaly

75.1163, 73.8568, 104.9045

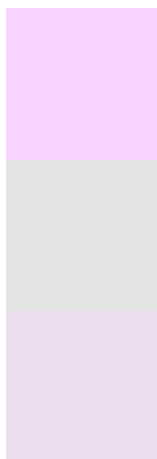
Deuteranomaly

77.1149, 73.7612, 103.9389

Tritanomaly

77.7808, 73.9772, 92.6176

Monochromacy



Original Color

80.0557, 73.7650, 104.6264

Achromatopsia

73.0128, 76.8151, 83.6517

Achromatomaly

75.4035, 75.4895, 90.7175

CSS Examples

Text

The CSS property to change the color of the text to XYZ 80.0557, 73.7650, 104.6264 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(248, 211, 255)` looks like.

```
.text, #text, p{  
    color:rgb(248, 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(248, 211, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 211, 255) }
```

Border

The CSS property to change the border of an element to XYZ 80.0557, 73.7650, 104.6264 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(248, 211, 255) }
```


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

```
.border{ border-color:rgb(248, 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(248, 211, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 211, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 211, 255);  
box-shadow:4px 4px 4px 4px rgb(248, 211,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 80.0557, 73.7650, 104.6264 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 211, 255) }
```

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

```
.background{ background-color: rgb(248,  
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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