

Converting Colors

XYZ(80.2652, 72.4664,
102.2268)

Have a look what the booklet for
XYZ(80.2652, 72.4664, 102.2268)
contains.

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Color

**XYZ(80.0284, 72.3494,
101.8423)**

Conversions

Conversions Part 1

Format	Color
Hex	FCCFFC
RGB	252, 207, 252
RGB Percent	99%, 81%, 99%
CMY	0.0118, 0.1882, 0.0118
CMYK	0.00, 0.18, 0.00, 0.01
HSL	300°, 88%, 90%
HSV	300°, 18%, 99%
XYZ	80.0284, 72.3494, 101.8423
YIQ	225.5850, 12.3750, 23.5350

Conversions

Conversions Part 2

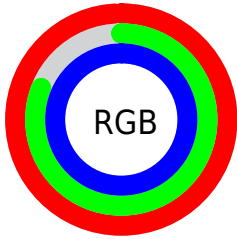
Format	Color
RYB	252, 207, 252
Decimal	16568316
CIELab	88.14, 23.28, -16.05
CIELCh	88, 28.272, 325.418
Yxy	72.3494, 0.3148, 0.2846
Android (android.graphics.Color)	4294758396 (0xFFFCFFFC)
YUV	225.5850, 13.0226, 23.1660
Hunter-Lab	85.0585, 19.0919, -11.4483

Details

The XYZ color **80.0284, 72.3494, 101.8423** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **71.8079, 87.3934, 72.1194**, and the grayscale version is **71.8939, 75.6379, 82.3697**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **43.5842, 37.9987, 56.6671** is the 20% darker color. If you saturate the color by 10%, you get **74.4045, 61.1004, 99.9683**, and if you desaturate by 10%, it is **86.6310, 85.5533, 104.0442**.

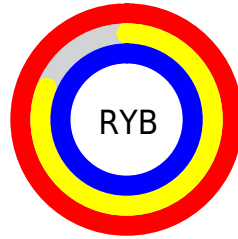
Distribution



Red (99%)

Green (81%)

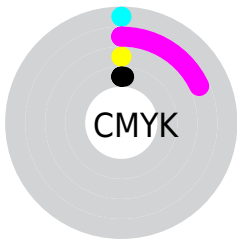
Blue (99%)



Red (99%)

Yellow (81%)

Blue (99%)

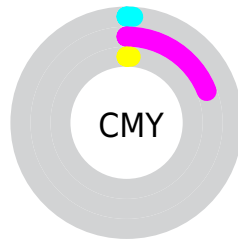


Cyan (0%)

Magenta (18%)

Yellow (0%)

Black (1%)



Cyan (1%)

Magenta (19%)

Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 80.0284, 72.3494, 101.8423 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 80.0284, 72.3494, 101.8423 by changing the saturation by 10% instead.

80.0284, 72.3494,
101.8423

80.0284, 72.3494,
101.8423

483.7636,
468.7568, 587.3803

60.0503, 53.4441,
77.2146

132.3560,
122.5532, 165.7605

43.7088, 38.1574,
56.9164

165.4361,
154.6204, 205.8881

30.6385, 26.1049,
40.5292

203.6143,
191.8439, 252.0194

20.4742, 16.9021,
27.6345

247.2560,
234.6078, 304.5729

12.8505, 10.1647,
17.8137

296.7263,
283.2967, 363.9673

7.4020, 5.5083,
10.6482

352.3908,

3.7633, 2.5485,

338.2949, 430.6209

5.7196

414.6148,
399.9868, 504.9524

■ 1.5691, 0.9008,
2.6093

■ 0.3721, 0.0000,
0.8973

■ 80.0284, 72.3494,
101.8423

■ 80.0284, 72.3494,
101.8423

■ 74.4045, 61.1004,
99.9683

■ 86.6310, 85.5533,
104.0442

■ 69.7066, 51.7047,
98.4022

■ 93.4764, 99.2441,
106.3262

■ 65.8871, 44.0657,
97.1288

■ 93.4765, 99.2441,
106.3263

■ 62.8914, 38.0744,
96.1301

■ 93.4765, 99.2442,
106.3265

60.6590, 33.6096,
95.3858

93.4765, 99.2442,
106.3267

59.1209, 30.5335,
94.8729

93.4766, 99.2442,
106.3269

58.1958, 28.6835,
94.5644

93.4766, 99.2442,
106.3271

57.7747, 27.8413,
94.4239

93.4766, 99.2442,
106.3273

57.7161, 27.7240,
94.4043

93.4767, 99.2442,
106.3275

Harmonies

Analogous

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



74.4953, 72.3494, 117.3947



80.0284, 72.3494, 101.8423



82.5486, 72.3494, 81.7867

Triad

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



80.0284, 72.3494, 101.8423



69.8092, 72.3494, 47.1993



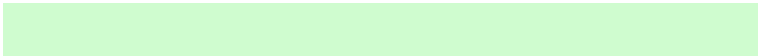
57.6848, 72.3494, 95.8528

Complementary

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



80.0284, 72.3494, 101.8423



71.8079, 87.3934, 72.1194

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.



56.6097, 72.3494, 75.8405



80.0284, 72.3494, 101.8423



63.3381, 72.3494, 49.7184

Square

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



80.0284, 72.3494, 101.8423



76.4080, 72.3494, 51.9381



58.6130, 72.3494, 59.4857



61.6512, 72.3494, 113.5585

Rectangle

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



80.0284, 72.3494, 101.8423



82.0683, 72.3494, 69.2911



58.6130, 72.3494, 59.4857



56.9848, 72.3494, 89.0896

Sweetspot

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



80.0306, 72.3525, 101.8439



91.1166, 92.1332, 107.5888



65.6189, 64.9230, 101.1697



19.3889, 19.4928, 22.9905



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.



80.0306, 72.3525, 101.8439



80.2816, 70.4634, 103.9768



76.6730, 71.0095, 84.1631



17.9931, 17.5246, 21.8195



30.0645, 14.4415, 49.1755



2.7845, 1.3375, 4.5545

Inverse Universe

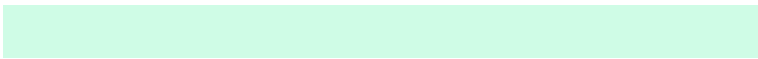
The Inverse Universe completely reimagines the original color for something new.



80.0306, 72.3525, 101.8439



80.2816, 70.4634, 103.9768



74.7580, 88.5734, 87.6542



17.9931, 17.5246, 21.8195



30.0645, 14.4415, 49.1755



2.7845, 1.3375, 4.5545

Previews

White Background



This preview shows how the XYZ color 80.0284, 72.3494, 101.8423 looks on a white background.

Color Contrast Check

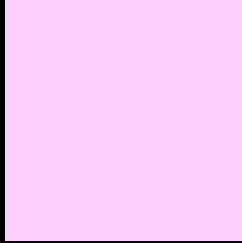
Large Text (above 18pt) WCAG AA × Fail

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 80.0284, 72.3494, 101.8423 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

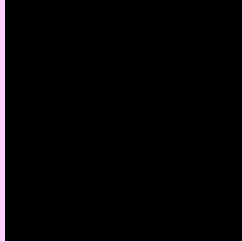
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 80.0284, 72.3494, 101.8423

Background



This preview shows how black text looks on a background with the XYZ color 80.0284, 72.3494, 101.8423.



This preview shows how white text looks on a background with the XYZ color 80.0284, 72.3494,

101.8423.

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

80.0284, 72.3494, 101.8423

Protanopia

71.6675, 72.8535, 104.8926

Deuteranopia

74.1243, 72.6719, 100.5628



Tritanopia

76.3648, 72.3297, 83.3350

Trichromacy



Original Color

80.0284, 72.3494, 101.8423

Protanomaly

74.1847, 72.2506, 103.8017

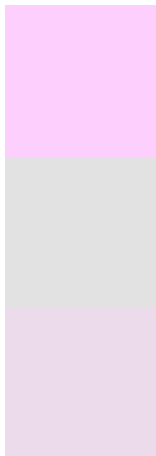
Deuteranomaly

76.1319, 72.5581, 101.2593

Tritanomaly

77.7570, 72.5316, 90.0225

Monochromacy



Original Color

80.0284, 72.3494, 101.8423

Achromatopsia

72.2879, 76.0525, 82.8211

Achromatomaly

74.5879, 74.3234, 89.0119

CSS Examples

Text

The CSS property to change the color of the text to XYZ 80.0284, 72.3494, 101.8423 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, 207, 252)` looks like.

```
.text, #text, p{  
    color:rgb(252, 207, 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, 207, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 207, 252) }
```

Border

The CSS property to change the border of an element to XYZ 80.0284, 72.3494, 101.8423 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, 207, 252) }
```


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

```
.border{ border-color:rgb(252, 207, 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, 207, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 207, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 207, 252);  
box-shadow:4px 4px 4px 4px rgb(252, 207,  
252) }
```

Background

The CSS property to change the background color of an element to XYZ 80.0284, 72.3494, 101.8423 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 207, 252) }
```

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

```
.background{ background-color: rgb(252,  
207, 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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