

Converting Colors

XYZ(81.8987, 75.0532,
100.3366)

Have a look what the booklet for
XYZ(81.8987, 75.0532, 100.3366)
contains.

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Color

**XYZ(82.0388, 75.2491,
100.6431)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD4FA
RGB	255, 212, 250
RGB Percent	100%, 83%, 98%
CMY	0.0000, 0.1686, 0.0196
CMYK	0.00, 0.17, 0.02, 0.00
HSL	307°, 100%, 92%
HSV	307°, 17%, 100%
XYZ	82.0388, 75.2491, 100.6431
YIQ	229.1890, 13.4300, 20.9340

Conversions

Conversions Part 2

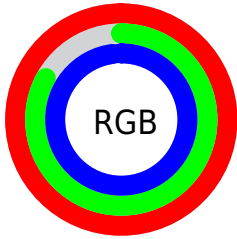
Format	Color
R _Y B	255, 212, 250
Decimal	16766202
CIE Lab	89.51, 21.28, -12.91
CIE LCh	90, 24.889, 328.757
Yxy	75.2491, 0.3181, 0.2917
Android (android.graphics.Color)	4294956282 (0xFFFFD4FA)
YUV	229.1890, 10.2598, 22.6362
Hunter-Lab	86.7462, 17.0075, -8.0660

Details

The XYZ color **82.0388, 75.2491, 100.6431** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **75.4380, 90.5279, 79.1463**, and the grayscale version is **74.5368, 78.4185, 85.3977**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **45.0833, 40.0148, 56.3864** is the 20% darker color. If you saturate the color by 10%, you get **75.6998, 63.3090, 96.2554**, and if you desaturate by 10%, it is **89.3951, 89.2114, 105.4081**.

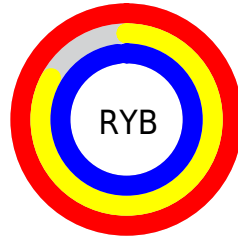
Distribution



Red (100%)

Green (83%)

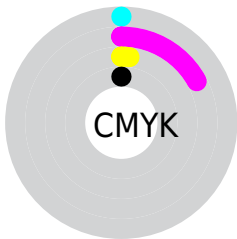
Blue (98%)



Red (100%)

Yellow (83%)

Blue (98%)

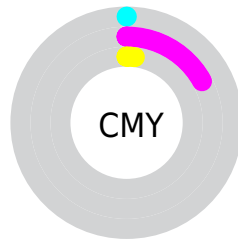


Cyan (0%)

Magenta (17%)

Yellow (2%)

Black (0%)



Cyan (0%)

Magenta (17%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 82.0388, 75.2491, 100.6431 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 82.0388, 75.2491, 100.6431 by changing the saturation by 10% instead.

82.0388, 75.2491,
100.6431

82.0388, 75.2491,
100.6431

490.4100,
478.7733, 583.5168

61.7117, 55.8170,
76.2179

135.1640,
126.6649, 164.1002

45.0545, 40.0562,
56.1034

168.6927,
159.4174, 203.9692

31.7018, 27.5824,
39.8813

207.3528,
197.3788, 249.8232

21.2883, 18.0111,
27.1329

251.5096,
240.9335, 302.0807

13.4486, 10.9579,
17.4398

301.5283,
290.4659, 361.1603

7.8173, 6.0386,
10.3833

357.7744,

4.0291, 2.8685,

346.3604, 427.4805

5.5449

420.6131,
409.0014, 501.4598

■ 1.7186, 1.0635,
2.5061

■ 0.4679, 0.0000,
0.8434

■ 82.0388, 75.2491,
100.6431

■ 82.0388, 75.2491,
100.6431

■ 75.6998, 63.3090,
96.2554

■ 89.3951, 89.2114,
105.4081

■ 70.3259, 53.2878,
92.2242

95.0500, 100.0000,
108.9000

■ 65.8679, 45.0867,
88.5340

■ 62.2701, 38.5945,
85.1662

■ 59.4708, 33.6879,
82.0999

■ 57.4000, 30.2268,
79.3117

■ 55.9756, 28.0470,
76.7740

■ 55.0933, 26.9404,
74.4519

■ 54.8788, 26.7155,
73.7509

Harmonies

Analogous

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



77.3215, 75.2491, 115.0932



82.0388, 75.2491, 100.6431



83.9159, 75.2491, 82.6649

Triad

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



82.0388, 75.2491, 100.6431



71.7769, 75.2491, 52.7007



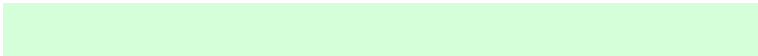
61.7137, 75.2491, 99.2013

Complementary

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



82.0388, 75.2491, 100.6431



75.4380, 90.5279, 79.1463

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.



60.4128, 75.2491, 81.2064



82.0388, 75.2491, 100.6431



66.0200, 75.2491, 55.8461

Square

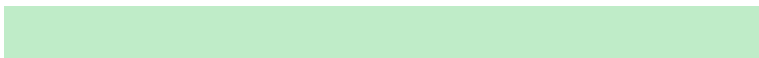
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



82.0388, 75.2491, 100.6431



77.7870, 75.2491, 56.4128



61.9448, 75.2491, 65.6994



65.6028, 75.2491, 114.1810

Rectangle

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



82.0388, 75.2491, 100.6431



83.2271, 75.2491, 71.5881



61.9448, 75.2491, 65.6994



60.9693, 75.2491, 93.2304

Sweetspot

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



82.0405, 75.2521, 100.6447



90.8788, 92.0381, 106.3367



70.0041, 68.9553, 104.2278



19.3309, 19.4696, 22.6850



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.



82.0405, 75.2521, 100.6447



79.9428, 71.2897, 99.2271



78.9562, 74.0184, 84.4033



18.6964, 18.2619, 22.2841



28.7116, 13.9739, 38.7273



2.8202, 1.3705, 3.9008

Inverse Universe

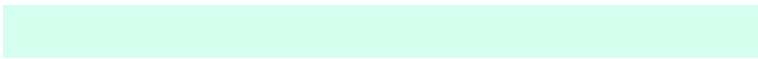
The Inverse Universe completely reimagines the original color for something new.



82.0405, 75.2521, 100.6447



79.9428, 71.2897, 99.2271



78.3166, 91.6793, 94.3049



18.6964, 18.2619, 22.2841



28.7116, 13.9739, 38.7273



2.8202, 1.3705, 3.9008

Previews

White Background



This preview shows how the XYZ color 82.0388, 75.2491, 100.6431 looks on a white background.

Color Contrast Check

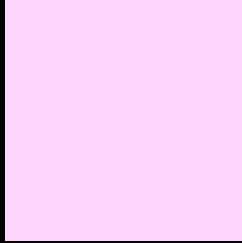
Large Text (above 18pt) WCAG AA × Fail

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 82.0388, 75.2491, 100.6431 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 82.0388, 75.2491, 100.6431

Background



This preview shows how black text looks on a background with the XYZ color 82.0388, 75.2491, 100.6431.



This preview shows how white text looks on a background with the XYZ color 82.0388, 75.2491,

100.6431.

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

82.0388, 75.2491, 100.6431

Protanopia

74.2209, 75.7470, 105.3165

Deuteranopia

77.0225, 75.3355, 100.1042



Tritanopia

79.0108, 75.1225, 86.6797

Trichromacy



Original Color

82.0388, 75.2491, 100.6431

Protanomaly

76.9271, 75.6019, 103.4666

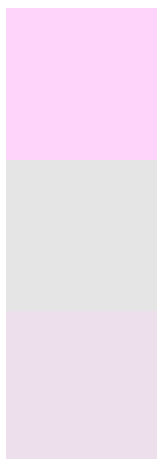
Deuteranomaly

78.6169, 75.0060, 99.9566

Tritanomaly

80.1346, 75.2078, 91.9544

Monochromacy



Original Color

82.0388, 75.2491, 100.6431

Achromatopsia

74.4753, 78.3538, 85.3273

Achromatomaly

76.9336, 77.0669, 90.9413

CSS Examples

Text

The CSS property to change the color of the text to XYZ 82.0388, 75.2491, 100.6431 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, 212, 250)` looks like.

```
.text, #text, p{  
    color:rgb(255, 212, 250)  
}
```

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, 212, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 212, 250) }
```

Border

The CSS property to change the border of an element to XYZ 82.0388, 75.2491, 100.6431 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, 212, 250) }
```


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

```
.border{ border-color:rgb(255, 212, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 212, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 212, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 212, 250);  
box-shadow:4px 4px 4px 4px rgb(255, 212,  
250) }
```

Background

The CSS property to change the background color of an element to XYZ 82.0388, 75.2491, 100.6431 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 212, 250) }
```

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

```
.background{ background-color: rgb(255,  
212, 250) }
```

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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