

Converting Colors

XYZ(82.5235, 76.3290,
100.4642)

Have a look what the booklet for
XYZ(82.5235, 76.3290, 100.4642)
contains.

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Color

**XYZ(82.5419, 76.2553,
100.8108)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD6FA
RGB	255, 214, 250
RGB Percent	100%, 84%, 98%
CMY	0.0000, 0.1608, 0.0196
CMYK	0.00, 0.16, 0.02, 0.00
HSL	307°, 100%, 92%
HSV	307°, 16%, 100%
XYZ	82.5419, 76.2553, 100.8108
YIQ	230.3630, 12.8800, 19.8880

Conversions

Conversions Part 2

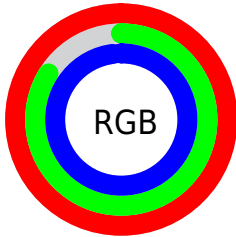
Format	Color
R _{YB}	255, 214, 250
Decimal	16766714
CIE _{Lab}	89.98, 20.23, -12.21
CIE _{LCh}	90, 23.631, 328.890
Yxy	76.2553, 0.3179, 0.2937
Android (android.graphics.Color)	4294956794 (0xFFFFD6FA)
YUV	230.3630, 9.6810, 21.6066
Hunter-Lab	87.3243, 15.9068, -7.3199

Details

The XYZ color **82.5419, 76.2553, 100.8108** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **76.2801, 90.9317, 80.5522**, and the grayscale version is **75.4080, 79.3351, 86.3959**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **45.4244, 40.6971, 56.5001** is the 20% darker color. If you saturate the color by 10%, you get **76.1033, 64.1517, 96.2798**, and if you desaturate by 10%, it is **90.0021, 90.3886, 105.7241**.

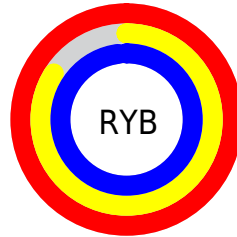
Distribution



Red (100%)

Green (84%)

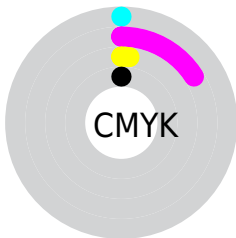
Blue (98%)



Red (100%)

Yellow (84%)

Blue (98%)

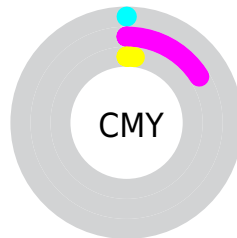


Cyan (0%)

Magenta (16%)

Yellow (2%)

Black (0%)



Cyan (0%)

Magenta (16%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 82.5419, 76.2553, 100.8108 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 82.5419, 76.2553, 100.8108 by changing the saturation by 10% instead.

82.5419, 76.2553,
100.8108

82.5419, 76.2553,
100.8108

492.0656,
482.2212, 584.0579

62.1279, 56.6419,
76.3572

135.8655,
128.0877, 164.3325

45.3921, 40.7178,
56.2170

169.5059,
161.0755, 204.2378

31.9690, 28.0986,
39.9718

208.2858,
199.2902, 250.1306

21.4932, 18.4000,
27.2029

252.5706,
243.1162, 302.4296

13.5995, 11.2376,
17.4919

302.7256,
292.9379, 361.5533

7.9225, 6.2269,
10.4202

359.1162,

4.0968, 2.9835,

349.1397, 427.9202

5.5692

422.1077,
412.1060, 501.9489

■ 1.7570, 1.1231,
2.5204

■ 0.4916, 0.0000,
0.8510

■ 82.5419, 76.2553,
100.8108

■ 82.5419, 76.2553,
100.8108

■ 76.1033, 64.1517,
96.2798

■ 90.0021, 90.3886,
105.7241

■ 70.6344, 53.9749,
92.1104

95.0500, 100.0000,
108.9000

■ 66.0862, 45.6269,
88.2872

■ 62.4034, 38.9971,
84.7916

■ 59.5250, 33.9633,
81.6030

■ 57.3817, 30.3872,
78.6982

■ 55.8924, 28.1066,
76.0498

■ 54.9565, 26.9204,
73.6243

■ 54.6819, 26.6367,
72.7138

Harmonies

Analogous

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



78.0498, 76.2553, 114.5490



82.5419, 76.2553, 100.8108



84.3164, 76.2553, 83.6546

Triad

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



82.5419, 76.2553, 100.8108



72.6965, 76.2553, 54.8057



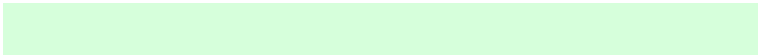
63.0692, 76.2553, 99.5857

Complementary

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



82.5419, 76.2553, 100.8108



76.2801, 90.9317, 80.5522

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.



61.8037, 76.2553, 82.4066



82.5419, 76.2553, 100.8108



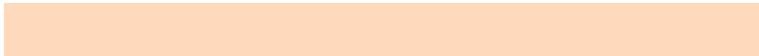
67.1786, 76.2553, 57.8969

Square

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



82.5419, 76.2553, 100.8108



78.4470, 76.2553, 58.3889



63.2680, 76.2553, 67.4718



66.8205, 76.2553, 113.7774

Rectangle

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



82.5419, 76.2553, 100.8108



83.6504, 76.2553, 73.0300



63.2680, 76.2553, 67.4718



62.3482, 76.2553, 93.9015

Sweetspot

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



82.5436, 76.2583, 100.8124



90.8673, 92.0335, 106.2759



71.2479, 70.3434, 104.4302



19.3281, 19.4684, 22.6702



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.



82.5436, 76.2583, 100.8124



80.5572, 72.5132, 99.4486



79.5317, 75.0536, 84.9522



18.6917, 18.2600, 22.2595



28.6101, 13.9333, 38.1930



2.8114, 1.3669, 3.8540

Inverse Universe

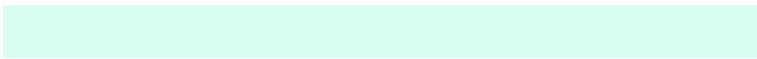
The Inverse Universe completely reimagines the original color for something new.



82.5436, 76.2583, 100.8124



80.5572, 72.5132, 99.4486



79.1155, 92.0659, 95.4834



18.6917, 18.2600, 22.2595



28.6101, 13.9333, 38.1930



2.8114, 1.3669, 3.8540

Previews

White Background



This preview shows how the XYZ color 82.5419, 76.2553, 100.8108 looks on a white background.

Color Contrast Check

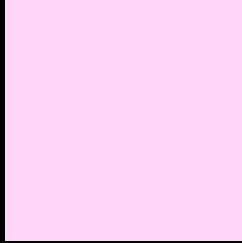
Large Text (above 18pt) WCAG AA × Fail

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 82.5419, 76.2553, 100.8108 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

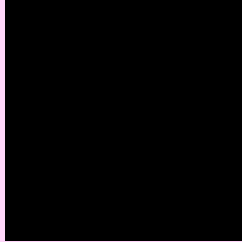
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 82.5419, 76.2553, 100.8108

Background



This preview shows how black text looks on a background with the XYZ color 82.5419, 76.2553, 100.8108.



This preview shows how white text looks on a background with the XYZ color 82.5419, 76.2553,

100.8108.

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

82.5419, 76.2553, 100.8108

Protanopia

75.0994, 76.6000, 105.4349

Deuteranopia

77.9520, 76.2031, 100.2227



Tritanopia

80.1721, 76.4489, 88.3725

Trichromacy



Original Color

82.5419, 76.2553, 100.8108

Protanomaly

77.5178, 76.2972, 103.5697

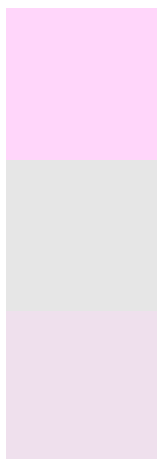
Deuteranomaly

79.4785, 76.2155, 100.1446

Tritanomaly

81.1571, 76.4738, 92.9216

Monochromacy



Original Color

82.5419, 76.2553, 100.8108

Achromatopsia

75.2129, 79.1298, 86.1723

Achromatomaly

77.5383, 77.7765, 91.0464

CSS Examples

Text

The CSS property to change the color of the text to XYZ 82.5419, 76.2553, 100.8108 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, 214, 250)` looks like.

```
.text, #text, p{  
    color:rgb(255, 214, 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, 214, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 214, 250) }
```

Border

The CSS property to change the border of an element to XYZ 82.5419, 76.2553, 100.8108 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, 214, 250) }
```


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

```
.border{ border-color:rgb(255, 214, 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, 214, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 214, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 214, 250);  
box-shadow:4px 4px 4px 4px rgb(255, 214,  
250) }
```

Background

The CSS property to change the background color of an element to XYZ 82.5419, 76.2553, 100.8108 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 214, 250) }
```

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

```
.background{ background-color: rgb(255,  
214, 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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