

Converting Colors

XYZ(82.6045, 75.8539,
104.8953)

Have a look what the booklet for
XYZ(82.6045, 75.8539, 104.8953)
contains.

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Color

**XYZ(82.7173, 75.8793,
104.8942)**

Conversions

Conversions Part 1

Format	Color
Hex	FED5FF
RGB	254, 213, 255
RGB Percent	100%, 84%, 100%
CMY	0.0039, 0.1647, 0.0000
CMYK	0.00, 0.16, 0.00, 0.00
HSL	299°, 100%, 92%
HSV	299°, 16%, 100%
XYZ	82.7173, 75.8793, 104.8942
YIQ	230.0470, 10.9540, 21.7540

Conversions

Conversions Part 2

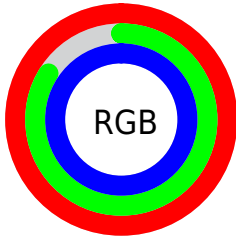
Format	Color
RYB	254, 213, 255
Decimal	16700927
CIELab	89.80, 21.32, -15.11
CIElCh	90, 26.132, 324.681
Yxy	75.8793, 0.3139, 0.2880
Android (android.graphics.Color)	4294891007 (0xFF FED5FF)
YUV	230.0470, 12.3018, 21.0068
Hunter-Lab	87.1087, 17.0610, -10.4195

Details

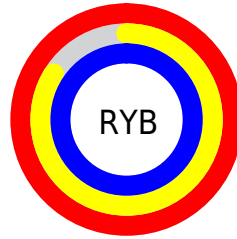
The XYZ color **82.7173, 75.8793, 104.8942** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **75.5037, 90.6211, 76.4667**, and the grayscale version is **75.1566, 79.0706, 86.1078**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **45.4459, 40.4013, 58.8290** is the 20% darker color. If you saturate the color by 10%, you get **76.5800, 63.9326, 102.9118**, and if you desaturate by 10%, it is **89.8679, 89.8496, 107.2139**.

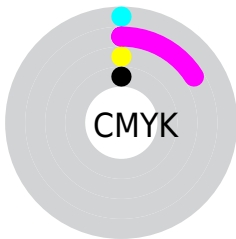
Distribution



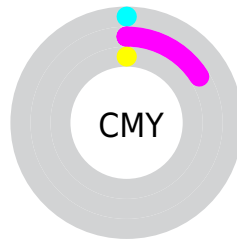
- Red (100%)
- Green (84%)
- Blue (100%)



- Red (100%)
- Yellow (84%)
- Blue (100%)



- Cyan (0%)
- Magenta (16%)
- Yellow (0%)
- Black (0%)



- Cyan (0%)
- Magenta (16%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 82.7173, 75.8793, 104.8942 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 82.7173, 75.8793, 104.8942 by changing the saturation by 10% instead.

82.7173, 75.8793,
104.8942

82.7173, 75.8793,
104.8942

492.6421,
480.9344, 597.1527

62.2731, 56.3335,
79.7546

136.1100,
127.5563, 169.9771

45.5098, 40.4704,
58.9914

169.7893,
160.4563, 210.7575

32.0622, 27.9055,
42.1862

208.6109,
198.5765, 257.5886

21.5648, 18.2544,
28.9205

252.9402,
242.3013, 310.8888

13.6523, 11.1328,
18.7756

303.1426,
292.0151, 371.0768

7.9593, 6.1562,
11.3331

359.5835,

4.1205, 2.9403,

348.1023, 438.5711

6.1744

422.6282,
410.9473, 513.7902

■ 1.7705, 1.1007,
2.8809

■ 0.4998, 0.0000,
1.0341

■ 82.7173, 75.8793,
104.8942

■ 82.7173, 75.8793,
104.8942

■ 76.5800, 63.9326,
102.9118

■ 89.8679, 89.8496,
107.2139

■ 71.4027, 53.9058,
101.2493

95.0500, 100.0000,
108.9000

■ 67.1368, 45.7008,
99.8904

■ 63.7270, 39.2067,
98.8166

■ 61.1117, 34.3007,
98.0075

■ 59.2214, 30.8438,
97.4399

■ 57.9745, 28.6726,
97.0865

■ 57.2691, 27.5833,
96.9134

■ 57.0950, 27.3484,
96.8773

Harmonies

Analogous

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



77.4227, 75.8793, 119.2645



82.7173, 75.8793, 104.8942



85.1832, 75.8793, 85.9552

Triad

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



82.7173, 75.8793, 104.8942



73.2765, 75.8793, 52.0689



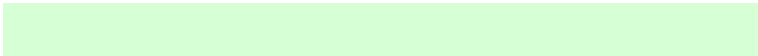
61.4320, 75.8793, 98.3504

Complementary

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



82.7173, 75.8793, 104.8942



75.5037, 90.6211, 76.4667

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.



60.4674, 75.8793, 79.3715



82.7173, 75.8793, 104.8942



67.0670, 75.8793, 54.3740

Square

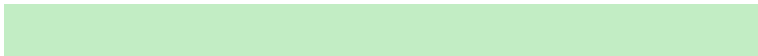
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



82.7173, 75.8793, 104.8942



79.5287, 75.8793, 56.9027



62.4706, 75.8793, 63.7453



65.1882, 75.8793, 115.1093

Rectangle

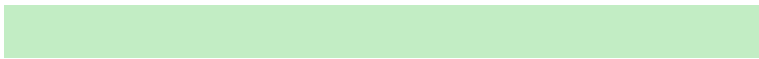
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



82.7173, 75.8793, 104.8942



84.7912, 75.8793, 73.9439



62.4706, 75.8793, 63.7453



60.7804, 75.8793, 91.9488

Sweetspot

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



82.7194, 75.8825, 104.8947



91.0052, 92.0757, 107.5837



69.6415, 69.6656, 104.3840



19.3617, 19.4788, 22.9893



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.



82.7194, 75.8825, 104.8947



80.4383, 71.4365, 104.1568



80.0893, 74.8728, 89.1333



18.7475, 18.2771, 22.7897



29.8526, 14.3001, 50.6214



2.9197, 1.3991, 4.9294

Inverse Universe

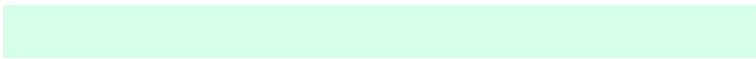
The Inverse Universe completely reimagines the original color for something new.



77.1738, 73.7066, 73.7802



73.8780, 68.8638, 67.2903



77.8535, 91.5275, 90.3571



18.0269, 17.9941, 18.7588



21.5737, 11.1188, 1.1396



2.1064, 1.0849, 0.1419

Previews

White Background



This preview shows how the XYZ color 82.7173, 75.8793, 104.8942 looks on a white background.

Color Contrast Check

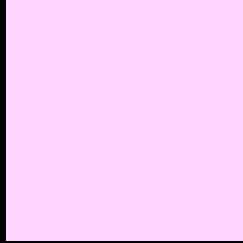
Large Text (above 18pt) WCAG AA × Fail

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 82.7173, 75.8793, 104.8942 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

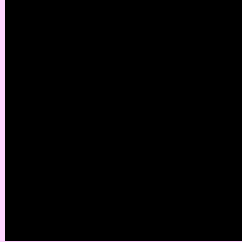
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 82.7173, 75.8793, 104.8942

Background



This preview shows how black text looks on a background with the XYZ color 82.7173, 75.8793, 104.8942.



This preview shows how white text looks on a background with the XYZ color 82.7173, 75.8793,

104.8942.

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

82.7173, 75.8793, 104.8942

Protanopia

74.7940, 76.4426, 105.4206

Deuteranopia

77.7435, 76.0043, 104.3387



Tritanopia

79.4478, 76.0755, 88.3386

Trichromacy



Original Color

82.7173, 75.8793, 104.8942

Protanomaly

77.5107, 76.2565, 105.2415

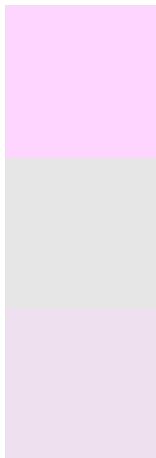
Deuteranomaly

79.3202, 75.6587, 104.1889

Tritanomaly

80.7278, 76.2180, 94.4611

Monochromacy



Original Color

82.7173, 75.8793, 104.8942

Achromatopsia

75.2129, 79.1298, 86.1723

Achromatomaly

77.8322, 77.8940, 92.5942

CSS Examples

Text

The CSS property to change the color of the text to XYZ 82.7173, 75.8793, 104.8942 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(254, 213, 255)` looks like.

```
.text, #text, p{  
    color:rgb(254, 213, 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(254, 213, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 213, 255) }
```

Border

The CSS property to change the border of an element to XYZ 82.7173, 75.8793, 104.8942 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(254, 213, 255) }
```


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

```
.border{ border-color:rgb(254, 213, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 213, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 213, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 213, 255);  
box-shadow:4px 4px 4px 4px rgb(254, 213,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 82.7173, 75.8793, 104.8942 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 213, 255) }
```

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

```
.background{ background-color: rgb(254,  
213, 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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