

Converting Colors

XYZ(82.2189, 75.1813,
102.0227)

Have a look what the booklet for
XYZ(82.2189, 75.1813, 102.0227)
contains.

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Color

**XYZ(82.3542, 75.3752,
102.3038)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD4FC
RGB	255, 212, 252
RGB Percent	100%, 83%, 99%
CMY	0.0000, 0.1686, 0.0118
CMYK	0.00, 0.17, 0.01, 0.00
HSL	304°, 100%, 92%
HSV	304°, 17%, 100%
XYZ	82.3542, 75.3752, 102.3038
YIQ	229.4170, 12.7880, 21.5560

Conversions

Conversions Part 2

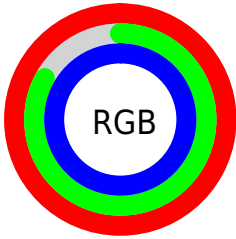
Format	Color
R _Y B	255, 212, 252
Decimal	16766204
CIE Lab	89.57, 21.63, -13.87
CIE LCh	90, 25.701, 327.331
Yxy	75.3752, 0.3167, 0.2899
Android (android.graphics.Color)	4294956284 (0xFFFFD4FC)
YUV	229.4170, 11.1334, 22.4363
Hunter-Lab	86.8189, 17.3875, -9.0917

Details

The XYZ color **82.3542, 75.3752, 102.3038** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **75.1793, 90.4244, 77.7842**, and the grayscale version is **74.6987, 78.5888, 85.5832**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **45.1960, 40.0598, 56.9800** is the 20% darker color. If you saturate the color by 10%, you get **76.1959, 63.5074, 98.8680**, and if you desaturate by 10%, it is **89.5249, 89.2633, 106.0923**.

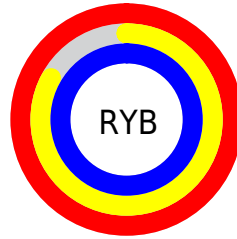
Distribution



Red (100%)

Green (83%)

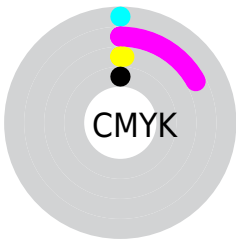
Blue (99%)



Red (100%)

Yellow (83%)

Blue (99%)

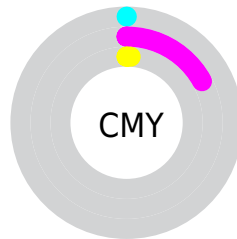


Cyan (0%)

Magenta (17%)

Yellow (1%)

Black (0%)



Cyan (0%)

Magenta (17%)

Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 82.3542, 75.3752, 102.3038 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 82.3542, 75.3752, 102.3038 by changing the saturation by 10% instead.

82.3542, 75.3752,
102.3038

82.3542, 75.3752,
102.3038

491.4483,
479.2062, 588.8635

61.9726, 55.9203,
77.5984

135.6038,
126.8433, 166.3990

45.2661, 40.1390,
57.2296

169.2026,
159.6254, 206.6257

31.8693, 27.6470,
40.7790

207.9379,
197.6186, 252.8634

21.4167, 18.0597,
27.8281

252.1749,
241.2074, 305.5305

13.5431, 10.9929,
17.9582

302.2791,
290.7762, 365.0455

7.8832, 6.0620,
10.7508

358.6158,

4.0715, 2.8828,

346.7093, 431.8269

5.7875

421.5504,
409.3912, 506.2935

■ 1.7426, 1.0709,
2.6496

■ 0.4827, 0.0000,
0.9179

■ 82.3542, 75.3752,
102.3038

■ 82.3542, 75.3752,
102.3038

■ 76.1959, 63.5074,
98.8680

■ 89.5249, 89.2633,
106.0923

■ 70.9982, 53.5566,
95.7642

95.0500, 100.0000,
108.9000

■ 66.7117, 45.4242,
92.9772

■ 63.2808, 38.9988,
90.4883

■ 60.6438, 34.1571,
88.2769

■ 58.7308, 30.7591,
86.3196

■ 57.4597, 28.6407,
84.5891

■ 56.7262, 27.5935,
83.0507

■ 56.5575, 27.3870,
82.5908

Harmonies

Analogous

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



77.3610, 75.3752, 116.9920



82.3542, 75.3752, 102.3038



84.4649, 75.3752, 83.7006

Triad

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



82.3542, 75.3752, 102.3038



72.2087, 75.3752, 52.0108



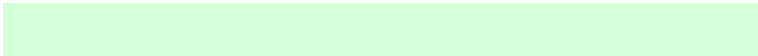
61.3898, 75.3752, 99.0897

Complementary

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



82.3542, 75.3752, 102.3038



75.1793, 90.4244, 77.7842

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.



60.1871, 75.3752, 80.4622



82.3542, 75.3752, 102.3038



66.2118, 75.3752, 54.8980

Square

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



82.3542, 75.3752, 102.3038



78.3963, 75.3752, 56.1458



61.9012, 75.3752, 64.6985



65.2870, 75.3752, 114.9531

Rectangle

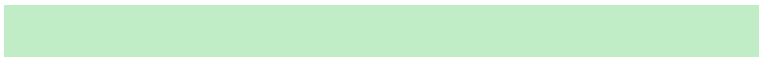
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



82.3542, 75.3752, 102.3038



83.8660, 75.3752, 72.1441



61.9012, 75.3752, 64.6985



60.6673, 75.3752, 92.8686

Sweetspot

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



82.3558, 75.3781, 102.3054



90.9737, 92.0760, 106.8366



69.5816, 68.7375, 104.2081



19.3541, 19.4788, 22.8069



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.



82.3558, 75.3781, 102.3054



80.3154, 71.4387, 101.1893



79.1574, 74.0988, 85.4629



18.7348, 18.2772, 22.4863



29.5758, 14.3196, 43.2779



2.8955, 1.4006, 4.2968

Inverse Universe

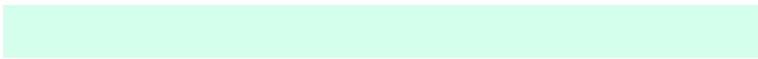
The Inverse Universe completely reimagines the original color for something new.



82.3558, 75.3781, 102.3054



80.3154, 71.4387, 101.1893



78.1070, 91.5955, 93.2014



18.7348, 18.2772, 22.4863



29.5758, 14.3196, 43.2779



2.8955, 1.4006, 4.2968

Previews

White Background



This preview shows how the XYZ color 82.3542, 75.3752, 102.3038 looks on a white background.

Color Contrast Check

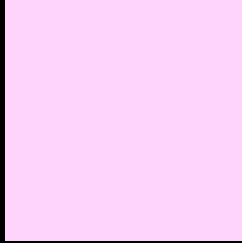
Large Text (above 18pt) WCAG AA × Fail

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 82.3542, 75.3752, 102.3038 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

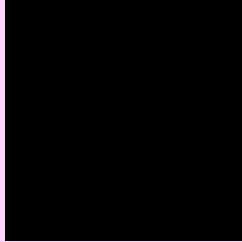
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 82.3542, 75.3752, 102.3038

Background



This preview shows how black text looks on a background with the XYZ color 82.3542, 75.3752, 102.3038.



This preview shows how white text looks on a background with the XYZ color 82.3542, 75.3752,

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

82.3542, 75.3752, 102.3038

Protanopia

74.2209, 75.7470, 105.3165

Deuteranopia

77.3362, 75.4609, 101.7561



Tritanopia

79.0108, 75.1225, 86.6797

Trichromacy



Original Color

82.3542, 75.3752, 102.3038

Protanomaly

77.0869, 75.6658, 104.3080

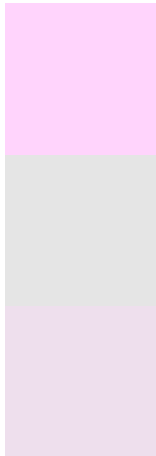
Deuteranomaly

78.9306, 75.1315, 101.6085

Tritanomaly

80.1346, 75.2078, 91.9544

Monochromacy



Original Color

82.3542, 75.3752, 102.3038

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 82.3542, 75.3752, 102.3038 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, 252)` looks like.

```
.text, #text, p{  
    color:rgb(255, 212, 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(255, 212, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 212, 252) }
```

Border

The CSS property to change the border of an element to XYZ 82.3542, 75.3752, 102.3038 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, 252) }
```


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

```
.border{ border-color:rgb(255, 212, 252) }
```

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, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 212, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 212, 252);  
box-shadow:4px 4px 4px 4px rgb(255, 212,  
252) }
```

Background

The CSS property to change the background color of an element to XYZ 82.3542, 75.3752, 102.3038 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, 252) }
```

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

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