

Converting Colors

XYZ(81.5819, 75.9530, 95.5037)

Have a look what the booklet for
XYZ(81.5819, 75.9530, 95.5037)
contains.

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Color

**XYZ(81.4642, 75.8242,
95.1359)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD6F3
RGB	255, 214, 243
RGB Percent	100%, 84%, 95%
CMY	0.0000, 0.1608, 0.0471
CMYK	0.00, 0.16, 0.05, 0.00
HSL	318°, 100%, 92%
HSV	318°, 16%, 100%
XYZ	81.4642, 75.8242, 95.1359
YIQ	229.5650, 15.1270, 17.7110

Conversions

Conversions Part 2

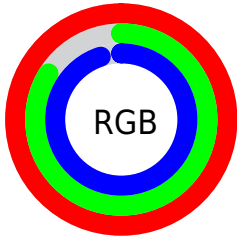
Format	Color
R_{YB}	255, 214, 243
Decimal	16766707
CIE _{Lab}	89.78, 19.01, -8.83
CIE _{LCh}	90, 20.959, 335.095
Yxy	75.8242, 0.3227, 0.3004
Android (android.graphics.Color)	4294956787 (0xFFFFD6F3)
YUV	229.5650, 6.6235, 22.3065
Hunter-Lab	87.0771, 14.6092, -3.8232

Details

The XYZ color **81.4642, 75.8242, 95.1359** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **77.2214, 91.3083, 85.5091**, and the grayscale version is **74.8389, 78.7363, 85.7438**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **44.6565, 40.3899, 52.4561** is the 20% darker color. If you saturate the color by 10%, you get **74.4047, 63.4723, 87.3350**, and if you desaturate by 10%, it is **89.5832, 90.2210, 103.5181**.

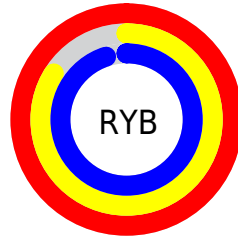
Distribution



Red (100%)

Green (84%)

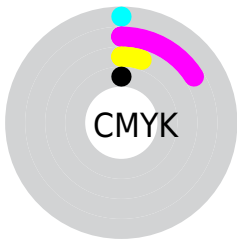
Blue (95%)



Red (100%)

Yellow (84%)

Blue (95%)

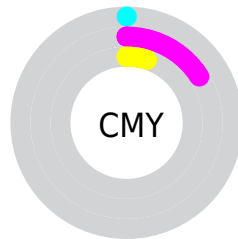


Cyan (0%)

Magenta (16%)

Yellow (5%)

Black (0%)



Cyan (0%)


Magenta (16%)


Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 81.4642, 75.8242, 95.1359 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 81.4642, 75.8242, 95.1359 by changing the saturation by 10% instead.


 81.4642, 75.8242,
95.1359

 81.4642, 75.8242,
95.1359


488.5154,
480.7457, 565.5954

 61.2366, 56.2884,
71.6506


134.3621,
127.4784, 156.4495

 44.6694, 40.4342,
52.3882


167.7631,
160.3655, 195.1149

 31.3973, 27.8772,
36.9302


206.2860,
198.4718, 239.6774

 21.0549, 18.2331,
24.8581

250.2961,
242.1818, 290.5556

 13.2768, 11.1175,
15.7533

300.1587,
291.8798, 348.1679

 7.6977, 6.1459,
9.1973

356.2392,

 3.9523, 2.9340,

347.9502, 412.9330

4.7715

418.9030,
410.7773, 485.2693

■ 1.6752, 1.0974,
2.0575

■ 0.4407, 0.0000,
0.5903

■ 81.4642, 75.8242,
95.1359

■ 81.4642, 75.8242,
95.1359

■ 74.4047, 63.4723,
87.3350

■ 89.5832, 90.2210,
103.5181

■ 68.3521, 53.0620,
80.0921

95.0500, 100.0000,
108.9000

■ 63.2570, 44.4952,
73.3892

■ 59.0637, 37.6612,
67.2048

■ 55.7104, 32.4375,
61.5157

■ 53.1274, 28.6855,
56.2956

■ 51.2331, 26.2429,
51.5145

■ 49.9263, 24.9083,
47.1357

■ 49.5153, 24.5701,
45.5072

Harmonies

Analogous

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



77.9350, 75.8242, 108.1075



81.4642, 75.8242, 95.1359



82.4283, 75.8242, 80.0578

Triad

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



81.4642, 75.8242, 95.1359



71.1897, 75.8242, 57.3297



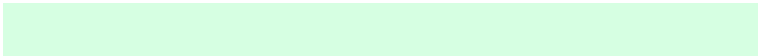
64.2387, 75.8242, 100.0294

Complementary

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



81.4642, 75.8242, 95.1359



77.2214, 91.3083, 85.5091

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.



62.6155, 75.8242, 85.1131



81.4642, 75.8242, 95.1359



66.5042, 75.8242, 61.3917

Square

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



81.4642, 75.8242, 95.1359



76.3356, 75.8242, 59.3403



63.4248, 75.8242, 71.1437



67.9637, 75.8242, 111.1610

Rectangle

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



81.4642, 75.8242, 95.1359



81.4492, 75.8242, 71.0666



63.4248, 75.8242, 71.1437



63.4375, 75.8242, 95.2295

Sweetspot

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



81.4659, 75.8273, 95.1375



90.5215, 91.8951, 104.4551



73.3433, 71.4237, 104.5283



19.2439, 19.4347, 22.2266



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.



81.4659, 75.8273, 95.1375



79.2941, 72.0080, 92.7971



78.5922, 74.6778, 80.0049



18.5528, 18.2044, 21.5280



25.9412, 12.8658, 24.1385



2.5735, 1.2718, 2.6016

Inverse Universe

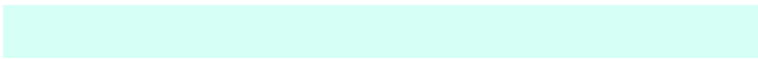
The Inverse Universe completely reimagines the original color for something new.



81.4659, 75.8273, 95.1375



79.2941, 72.0080, 92.7971



80.1460, 92.4781, 100.9096



18.5528, 18.2044, 21.5280



25.9412, 12.8658, 24.1385



2.5735, 1.2718, 2.6016

Previews

White Background



This preview shows how the XYZ color 81.4642, 75.8242, 95.1359 looks on a white background.

Color Contrast Check

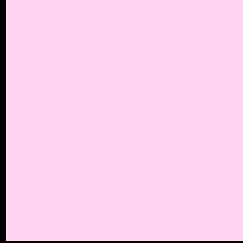
Large Text (above 18pt) WCAG AA × Fail

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 81.4642, 75.8242, 95.1359 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

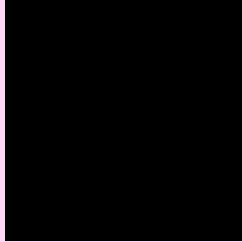
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 81.4642, 75.8242, 95.1359

Background



This preview shows how black text looks on a background with the XYZ color 81.4642, 75.8242, 95.1359.



This preview shows how white text looks on a background with the XYZ color 81.4642, 75.8242,

95.1359.

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

81.4642, 75.8242, 95.1359

Protanopia

74.1860, 75.8388, 100.3509

Deuteranopia

77.6342, 75.7746, 94.5386



Tritanopia

80.1369, 76.0658, 87.5493

Trichromacy



Original Color

81.4642, 75.8242, 95.1359

Protanomaly

76.6427, 75.5640, 98.5415

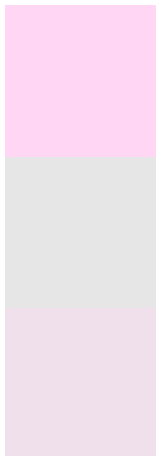
Deuteranomaly

78.8459, 75.6293, 94.4467

Tritanomaly

80.4596, 75.7861, 90.5083

Monochromacy



Original Color

81.4642, 75.8242, 95.1359

Achromatopsia

75.2129, 79.1298, 86.1723

Achromatomaly

77.2477, 77.6602, 89.5158

CSS Examples

Text

The CSS property to change the color of the text to XYZ 81.4642, 75.8242, 95.1359 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, 243)` looks like.

```
.text, #text, p{  
    color:rgb(255, 214, 243)  
}
```

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, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 214, 243) }
```

Border

The CSS property to change the border of an element to XYZ 81.4642, 75.8242, 95.1359 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, 243) }
```


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

```
.border{ border-color:rgb(255, 214, 243) }
```

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, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 214, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 214, 243);  
box-shadow:4px 4px 4px 4px rgb(255, 214,  
243) }
```

Background

The CSS property to change the background color of an element to XYZ 81.4642, 75.8242, 95.1359 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, 243) }
```

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

```
.background{ background-color: rgb(255,  
214, 243) }
```

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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