

Converting Colors

XYZ(75.7105, 62.8013, 97.8898)

Have a look what the booklet for
XYZ(75.7105, 62.8013, 97.8898)
contains.

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Color

**XYZ(75.6878, 62.7975,
97.7545)**

Conversions

Conversions Part 1

Format	Color
Hex	FFB9F9
RGB	255, 185, 249
RGB Percent	100%, 73%, 98%
CMY	0.0000, 0.2745, 0.0235
CMYK	0.00, 0.27, 0.02, 0.00
HSL	305°, 100%, 86%
HSV	305°, 27%, 100%
XYZ	75.6878, 62.7975, 97.7545
YIQ	213.2260, 21.1760, 34.7440

Conversions

Conversions Part 2

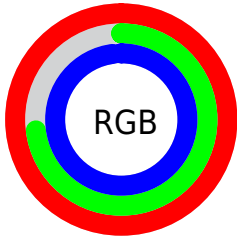
Format	Color
R _Y B	255, 185, 249
Decimal	16759289
CIE Lab	83.34, 35.27, -21.67
CIE LCh	83, 41.400, 328.435
Yxy	62.7975, 0.3204, 0.2658
Android (android.graphics.Color)	4294949369 (0xFFFFB9F9)
YUV	213.2260, 17.6366, 36.6358
Hunter-Lab	79.2449, 31.8091, -17.6673

Details

The XYZ color **75.6878, 62.7975, 97.7545** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **65.1735, 85.5968, 62.3798**, and the grayscale version is **63.2742, 66.5694, 72.4941**.

A 20% lighter version of the original color is **91.0421, 91.9843, 107.5640**, and **40.6567, 31.9087, 53.8853** is the 20% darker color. If you saturate the color by 10%, you get **70.4854, 52.9347, 94.3490**, and if you desaturate by 10%, it is **81.8537, 74.5802, 101.5024**.

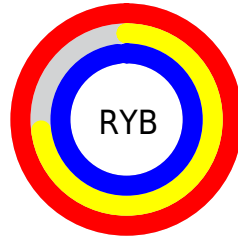
Distribution



Red (100%)

Green (73%)

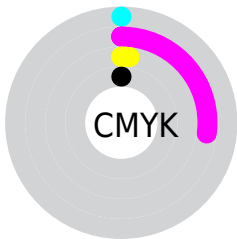
Blue (98%)



Red (100%)

Yellow (73%)

Blue (98%)

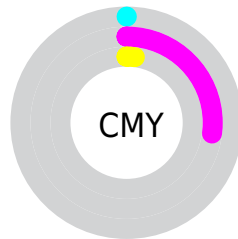


Cyan (0%)

Magenta (27%)

Yellow (2%)

Black (0%)



Cyan (0%)

Magenta (27%)


Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 75.6878, 62.7975, 97.7545 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 75.6878, 62.7975, 97.7545 by changing the saturation by 10% instead.


 75.6878, 62.7975,
97.7545

 75.6878, 62.7975,
97.7545


469.2391,
434.8342, 574.1542

 56.4727, 45.6774,
73.8202


 126.2682,
108.8773, 160.0928

 40.8205, 31.9913,
54.1510

158.3642,
138.6058, 199.3338

 28.3659, 21.3549,
38.3284


195.4846,
173.3059, 244.5141

 18.7435, 13.3837,
25.9338

237.9947,
213.3620, 296.0523

 11.5880, 7.6933,
16.5488

286.2598,
259.1585, 354.3668

 6.5340, 3.8993,
9.7548

340.6454,

 3.2161, 1.6174,

311.0798, 419.8763

5.1332

401.5167,
369.5102, 492.9992

■ 1.2691, 0.3693,
2.2655

■ 0.1599, 0.0000,
0.7118

■ 75.6878, 62.7975,
97.7545

■ 75.6878, 62.7975,
97.7545

■ 70.4854, 52.9347,
94.3490

■ 81.8537, 74.5802,
101.5024

■ 66.1909, 44.8818,
91.2649

■ 89.0261, 88.3699,
105.6045

■ 62.7500, 38.5297,
88.4847

95.0500, 100.0000,
108.9000

■ 60.1004, 33.7541,
85.9876

■ 58.1717, 30.4139,
83.7502

■ 56.8807, 28.3430,
81.7445

■ 56.1192, 27.3247,
79.9345

■ 55.9687, 27.1515,
79.4904

Harmonies

Analogous

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



68.3166, 62.7975, 121.9035



75.6878, 62.7975, 97.7545



78.7209, 62.7975, 69.7389

Triad

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



75.6878, 62.7975, 97.7545



60.1612, 62.7975, 29.8219



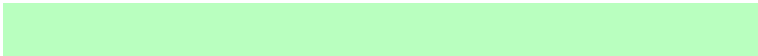
45.7202, 62.7975, 94.8080

Complementary

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



75.6878, 62.7975, 97.7545



65.1735, 85.5968, 62.3798

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.



43.9990, 62.7975, 67.0305



75.6878, 62.7975, 97.7545



51.8168, 62.7975, 33.3848

Square

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



75.6878, 62.7975, 97.7545



69.2166, 62.7975, 34.2315



46.1172, 62.7975, 45.5658



51.0751, 62.7975, 119.9233

Rectangle

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



75.6878, 62.7975, 97.7545



77.6649, 62.7975, 53.8637



46.1172, 62.7975, 45.5658



44.7227, 62.7975, 85.2851

Sweetspot

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



75.6893, 62.8000, 97.7558



88.6037, 87.5558, 105.3688



56.8455, 52.9759, 101.8370



18.7216, 18.2719, 22.4168



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.



75.6893, 62.8000, 97.7558



72.6850, 57.0933, 95.8237



70.7495, 60.8241, 71.7436



18.7216, 18.2719, 22.4168



29.2728, 14.1984, 41.6825



2.8692, 1.3900, 4.1584

Inverse Universe

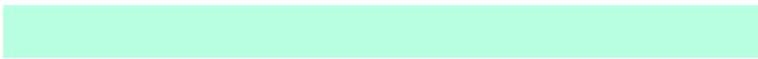
The Inverse Universe completely reimagines the original color for something new.



75.6893, 62.8000, 97.7558



72.6850, 57.0933, 95.8237



69.4739, 87.3170, 85.0256



18.7216, 18.2719, 22.4168



29.2728, 14.1984, 41.6825



2.8692, 1.3900, 4.1584

Previews

White Background



This preview shows how the XYZ color 75.6878, 62.7975, 97.7545 looks on a white background.

Color Contrast Check

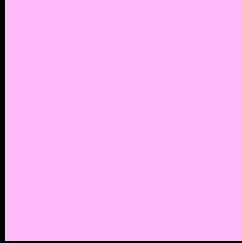
Large Text (above 18pt) WCAG AA × Fail

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 75.6878, 62.7975, 97.7545 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

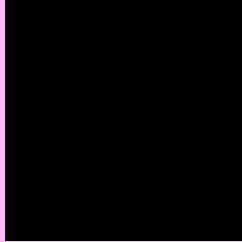
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 75.6878, 62.7975, 97.7545

Background



This preview shows how black text looks on a background with the XYZ color 75.6878, 62.7975, 97.7545.



This preview shows how white text looks on a background with the XYZ color 75.6878, 62.7975,

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

75.6878, 62.7975, 97.7545

Protanopia

62.8863, 63.0984, 103.4725

Deuteranopia

64.5688, 63.0673, 95.9588



Tritanopia

69.5221, 62.8337, 68.1384

Trichromacy



Original Color

75.6878, 62.7975, 97.7545



Protanomaly

66.5390, 62.2317, 101.4334



Deuteranomaly

67.8925, 62.3640, 96.4548



Tritanomaly

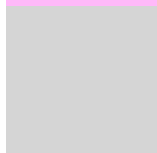
71.5164, 62.6639, 78.1380

Monochromacy



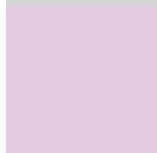
Original Color

75.6878, 62.7975, 97.7545



Achromatopsia

63.2451, 66.5387, 72.4607



Achromatomaly

67.0783, 64.6968, 80.9038

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.6878, 62.7975, 97.7545 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, 185, 249)` looks like.

```
.text, #text, p{  
    color:rgb(255, 185, 249)  
}
```

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, 185, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 185, 249) }
```

Border

The CSS property to change the border of an element to XYZ 75.6878, 62.7975, 97.7545 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, 185, 249) }
```


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

```
.border{ border-color:rgb(255, 185, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 185, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 185, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 185, 249);  
box-shadow:4px 4px 4px 4px rgb(255, 185,  
249) }
```

Background

The CSS property to change the background color of an element to XYZ 75.6878, 62.7975, 97.7545 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 185, 249) }
```

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

```
.background{ background-color: rgb(255,  
185, 249) }
```

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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