

Converting Colors

XYZ(75.8040, 63.6827,
115.4927)

Have a look what the booklet for
XYZ(75.8040, 63.6827, 115.4927)
contains.

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Color

**XYZ(73.5558, 62.8483,
102.8619)**

Conversions

Conversions Part 1

Format	Color
Hex	F4BDFF
RGB	244, 189, 255
RGB Percent	96%, 74%, 100%
CMY	0.0431, 0.2588, 0.0000
CMYK	0.04, 0.26, 0.00, 0.00
HSL	290°, 100%, 87%
HSV	290°, 26%, 100%
XYZ	73.5558, 62.8483, 102.8619
YIQ	212.9690, 11.5940, 32.1860

Conversions

Conversions Part 2

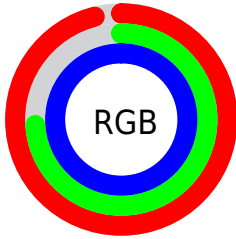
Format	Color
RYB	244, 189, 255
Decimal	16039423
CIELab	83.36, 30.77, -24.93
CIElCh	83, 39.598, 320.984
Yxy	62.8483, 0.3074, 0.2627
Android (android.graphics.Color)	4294229503 (0xFFFF4BDFF)
YUV	212.9690, 20.7213, 27.2142
Hunter-Lab	79.2769, 26.8837, -21.4350

Details

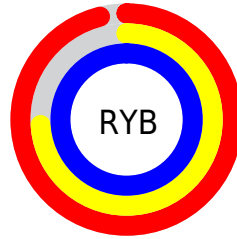
The XYZ color **73.5558, 62.8483, 102.8619** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **68.7663, 87.4742, 61.4070**, and the grayscale version is **63.0872, 66.3726, 72.2798**.

A 20% lighter version of the original color is **92.2458, 94.3915, 107.9653**, and **39.3505, 31.9700, 57.5229** is the 20% darker color. If you saturate the color by 10%, you get **67.0882, 52.0761, 101.1235**, and if you desaturate by 10%, it is **81.0253, 75.5718, 104.9241**.

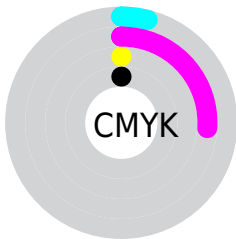
Distribution



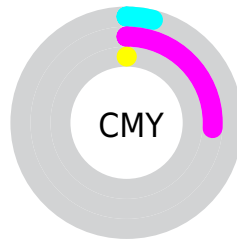
- Red (96%)
- Green (74%)
- Blue (100%)



- Red (96%)
- Yellow (74%)
- Blue (100%)



- Cyan (4%)
- Magenta (26%)
- Yellow (0%)
- Black (0%)





- Cyan (4%)
- Magenta (26%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 73.5558, 62.8483, 102.8619 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 73.5558, 62.8483, 102.8619 by changing the saturation by 10% instead.


 73.5558, 62.8483,
102.8619

 73.5558, 62.8483,
102.8619


462.0129,
435.0187, 590.6546

 54.7205, 45.7185,
78.0626

 123.2648,
108.9506, 167.1706

 39.4110, 32.0237,
57.6087

154.8693,
138.6919, 207.5172

 27.2618, 21.3796,
41.0815


191.4608,
173.4059, 253.8832

 17.9075, 13.4018,
28.0626

233.4049,
213.4768, 306.6872

 10.9829, 7.7058,
18.1334

281.0668,
259.2892, 366.3479

 6.1225, 3.9073,
10.8754

334.8118,

 2.9611, 1.6218,

311.2274, 433.2836

5.8700

395.0054,
369.6758, 507.9130

■ 1.1332, 0.3722,
2.6987

■ 0.0526, 0.0000,
0.9428

■ 73.5558, 62.8483,
102.8619

■ 73.5558, 62.8483,
102.8619

■ 67.0882, 52.0761,
101.1235

■ 81.0253, 75.5718,
104.9241

■ 61.5663, 43.1463,
99.6909

■ 89.5383, 90.3325,
107.3245

■ 56.9367, 35.9512,
98.5461

95.0500, 100.0000,
108.9000

■ 53.1381, 30.3687,
97.6688

■ 50.1013, 26.2605,
97.0359

■ 47.7453, 23.4653,
96.6205

■ 45.9698, 21.7825,
96.3893

■ 45.3467, 21.2920,
96.3275

Harmonies

Analogous

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



65.8674, 62.8483, 122.9857



73.5558, 62.8483, 102.8619



77.6393, 62.8483, 76.1402

Triad

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



73.5558, 62.8483, 102.8619



62.3698, 62.8483, 31.4501



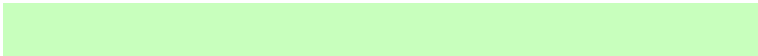
45.5624, 62.8483, 86.8691

Complementary

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



73.5558, 62.8483, 102.8619



68.7663, 87.4742, 61.4070

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.



44.8201, 62.8483, 61.2608



73.5558, 62.8483, 102.8619



53.9964, 62.8483, 32.9998

Square

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



73.5558, 62.8483, 102.8619



70.7851, 62.8483, 37.7874



47.7646, 62.8483, 42.6942



49.9000, 62.8483, 112.3173

Rectangle

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



73.5558, 62.8483, 102.8619



77.5217, 62.8483, 59.7824



47.7646, 62.8483, 42.6942



44.9017, 62.8483, 77.8761

Sweetspot

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



73.5576, 62.8509, 102.8623



87.6442, 87.0288, 106.7866



59.6929, 59.3502, 102.9173



18.4780, 18.1382, 22.7771



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.



73.5576, 62.8509, 102.8623



70.1238, 57.0975, 101.9327



74.1470, 63.5408, 85.4488



18.4780, 18.1382, 22.7771



23.8046, 11.1822, 50.3383



2.3931, 1.1276, 4.9048

Inverse Universe

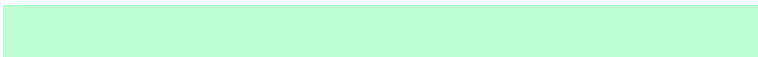
The Inverse Universe completely reimagines the original color for something new.



69.8645, 61.8278, 62.8975



65.9543, 55.9706, 55.5419



68.5059, 87.0428, 74.8207



18.1328, 18.0365, 19.3167



21.8078, 11.2124, 2.3723



2.1564, 1.1049, 0.4049

Previews

White Background



This preview shows how the XYZ color 73.5558, 62.8483, 102.8619 looks on a white background.

Color Contrast Check

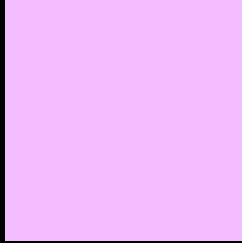
Large Text (above 18pt) WCAG AA × Fail

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 73.5558, 62.8483, 102.8619 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

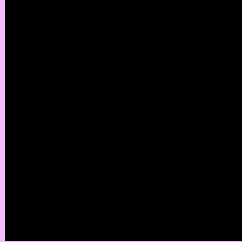
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 73.5558, 62.8483, 102.8619

Background



This preview shows how black text looks on a background with the XYZ color 73.5558, 62.8483, 102.8619.

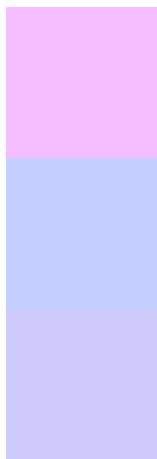


This preview shows how white text looks on a background with the XYZ color 73.5558, 62.8483,

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

73.5558, 62.8483, 102.8619

Protanopia

62.8863, 63.0984, 103.4725

Deuteranopia

64.3802, 62.8620, 100.8358



Tritanopia

67.1098, 62.8631, 70.8841

Trichromacy



Original Color

73.5558, 62.8483, 102.8619



Protanomaly

66.1448, 62.6747, 103.2190



Deuteranomaly

67.4389, 62.6957, 101.4756



Tritanomaly

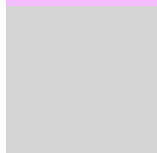
69.2306, 62.7103, 81.8542

Monochromacy



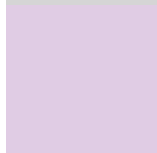
Original Color

73.5558, 62.8483, 102.8619



Achromatopsia

63.2451, 66.5387, 72.4607



Achromatomaly

66.3369, 64.6345, 82.3782

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.5558, 62.8483, 102.8619 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(244, 189, 255)` looks like.

```
.text, #text, p{  
    color:rgb(244, 189, 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(244, 189, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 189, 255) }
```

Border

The CSS property to change the border of an element to XYZ 73.5558, 62.8483, 102.8619 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(244, 189, 255) }
```


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

```
.border{ border-color:rgb(244, 189, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 189, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 189, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 189, 255);  
box-shadow:4px 4px 4px 4px rgb(244, 189,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 73.5558, 62.8483, 102.8619 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 189, 255) }
```

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

```
.background{ background-color: rgb(244,  
189, 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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