

Converting Colors

XYZ(97.3948, 72.1700,
223.7458)

Have a look what the booklet for
XYZ(97.3948, 72.1700, 223.7458)
contains.

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Color

**XYZ(74.3910, 62.9606,
102.8395)**

Conversions

Conversions Part 1

Format	Color
Hex	F7BCFF
RGB	247, 188, 255
RGB Percent	97%, 74%, 100%
CMY	0.0314, 0.2627, 0.0000
CMYK	0.03, 0.26, 0.00, 0.00
HSL	293°, 100%, 87%
HSV	293°, 26%, 100%
XYZ	74.3910, 62.9606, 102.8395
YIQ	213.2790, 13.6570, 33.3450

Conversions

Conversions Part 2

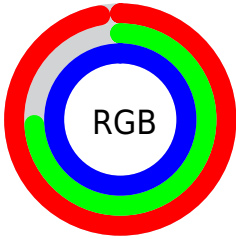
Format	Color
R _Y B	247, 188, 255
Decimal	16235775
CIE Lab	83.42, 32.24, -24.81
CIE LCh	83, 40.684, 322.420
Yxy	62.9606, 0.3097, 0.2621
Android (android.graphics.Color)	4294425855 (0xFFF7BCFF)
YUV	213.2790, 20.5685, 29.5733
Hunter-Lab	79.3477, 28.4909, -21.3001

Details

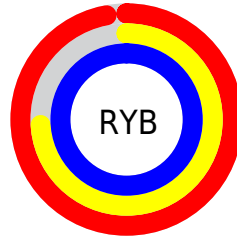
The XYZ color **74.3910, 62.9606, 102.8395** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **67.6036, 86.8873, 60.7879**, and the grayscale version is **63.2944, 66.5906, 72.5172**.

A 20% lighter version of the original color is **91.9424, 93.7848, 107.8641**, and **39.9533, 32.0746, 57.5113** is the 20% darker color. If you saturate the color by 10%, you get **68.3530, 52.4646, 101.1318**, and if you desaturate by 10%, it is **81.4125, 75.3957, 104.8697**.

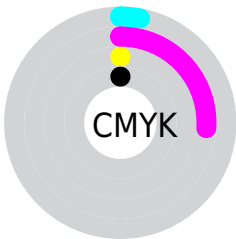
Distribution



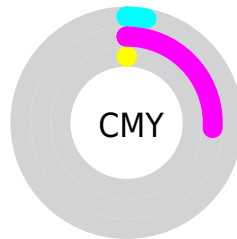
- Red (97%)
- Green (74%)
- Blue (100%)



- Red (97%)
- Yellow (74%)
- Blue (100%)



- Cyan (3%)
- Magenta (26%)
- Yellow (0%)
- Black (0%)





- Cyan (3%)
- Magenta (26%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 74.3910, 62.9606, 102.8395 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 74.3910, 62.9606, 102.8395 by changing the saturation by 10% instead.


 74.3910, 62.9606,
102.8395

 74.3910, 62.9606,
102.8395


464.8512,
435.4265, 590.5828

 55.4065, 45.8093,
78.0440


 124.4424,
109.1127, 167.1397

 39.9624, 32.0954,
57.5934


156.2401,
138.8823, 207.4814

 27.6933, 21.4344,
41.0694


193.0396,
173.6267, 253.8423

 18.2339, 13.4419,
28.0532

235.2062,
213.7305, 306.6408

 11.2187, 7.7335,
18.1264

283.1054,
259.5780, 366.2956

 6.2825, 3.9249,
10.8704

337.1023,

 3.0599, 1.6316,

311.5536, 433.2252

5.8667

397.5625,
370.0416, 507.8480

■ 1.1855, 0.3788,
2.6967

■ 0.0949, 0.0000,
0.9418

■ 74.3910, 62.9606,
102.8395

■ 74.3910, 62.9606,
102.8395

■ 68.3530, 52.4646,
101.1318

■ 81.4125, 75.3957,
104.8697

■ 63.2424, 43.7984,
99.7284

■ 89.4591, 89.8558,
107.2367

■ 59.0056, 36.8540,
98.6113

95.0500, 100.0000,
108.9000

■ 55.5813, 31.5088,
97.7601

■ 52.8999, 27.6240,
97.1516

■ 50.8801, 25.0370,
96.7587

■ 49.4206, 23.5453,
96.5477

■ 48.9633, 23.1564,
96.4967

Harmonies

Analogous

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



66.5806, 62.9606, 124.3000



74.3910, 62.9606, 102.8395



78.3767, 62.9606, 75.1963

Triad

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



74.3910, 62.9606, 102.8395



62.1188, 62.9606, 30.6589



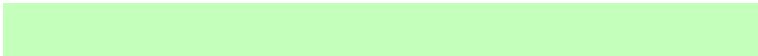
45.4290, 62.9606, 88.9056

Complementary

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



74.3910, 62.9606, 102.8395



67.6036, 86.8873, 60.7879

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.



44.4874, 62.9606, 62.3137



74.3910, 62.9606, 102.8395



53.5744, 62.9606, 32.6069

Square

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



74.3910, 62.9606, 102.8395



70.8501, 62.9606, 36.6899



47.3258, 62.9606, 42.8854



50.0379, 62.9606, 114.9690

Rectangle

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



74.3910, 62.9606, 102.8395



78.0780, 62.9606, 58.5822



47.3258, 62.9606, 42.8854



44.6928, 62.9606, 79.5963

Sweetspot

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



74.3928, 62.9633, 102.8399



87.9936, 87.2089, 106.8030



58.7426, 57.8164, 102.6714



18.5666, 18.1838, 22.7812



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.



74.3928, 62.9633, 102.8399



70.8167, 56.7197, 101.8233



73.5685, 62.9664, 83.4601



18.5666, 18.1838, 22.7812



25.6690, 12.1433, 50.4256



2.5570, 1.2121, 4.9125

Inverse Universe

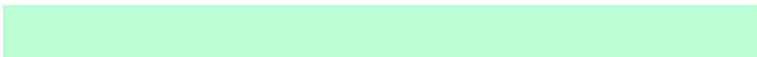
The Inverse Universe completely reimagines the original color for something new.



69.1886, 61.2144, 60.3956



64.8224, 54.7256, 52.0238



68.4561, 86.9943, 75.8487



18.0976, 18.0223, 19.1309



21.7018, 11.1700, 1.8140



2.1398, 1.0983, 0.3178

Previews

White Background



This preview shows how the XYZ color 74.3910, 62.9606, 102.8395 looks on a white background.

Color Contrast Check

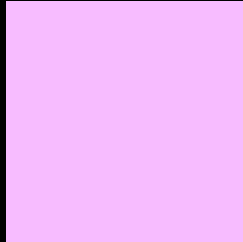
Large Text (above 18pt) WCAG AA × Fail

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 74.3910, 62.9606, 102.8395 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

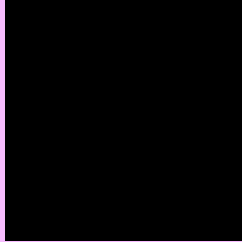
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 74.3910, 62.9606, 102.8395

Background



This preview shows how black text looks on a background with the XYZ color 74.3910, 62.9606, 102.8395.

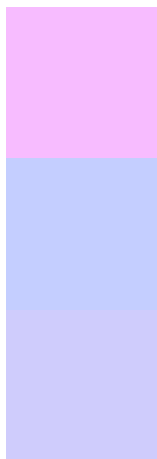


This preview shows how white text looks on a background with the XYZ color 74.3910, 62.9606,

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

74.3910, 62.9606, 102.8395

Protanopia

62.8863, 63.0984, 103.4725

Deuteranopia

64.8957, 63.4794, 100.9278



Tritanopia

67.7734, 62.8838, 70.1938

Trichromacy



Original Color

74.3910, 62.9606, 102.8395



Protanomaly

66.4978, 62.5139, 103.1693



Deuteranomaly

68.0479, 63.0096, 101.5041



Tritanomaly

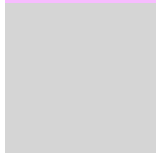
69.8972, 62.7407, 81.0992

Monochromacy



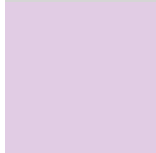
Original Color

74.3910, 62.9606, 102.8395



Achromatopsia

63.2451, 66.5387, 72.4607



Achromatomaly

66.6478, 64.7947, 82.3927

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.3910, 62.9606, 102.8395 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(247, 188, 255)` looks like.

```
.text, #text, p{  
    color:rgb(247, 188, 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(247, 188, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 188, 255) }
```

Border

The CSS property to change the border of an element to XYZ 74.3910, 62.9606, 102.8395 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(247, 188, 255) }
```


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

```
.border{ border-color:rgb(247, 188, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 188, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 188, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 188, 255);  
box-shadow:4px 4px 4px 4px rgb(247, 188,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 74.3910, 62.9606, 102.8395 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 188, 255) }
```

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

```
.background{ background-color: rgb(247,  
188, 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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