

Converting Colors

XYZ(117.1088, 83.2243,
94.5260)

Have a look what the booklet for
XYZ(117.1088, 83.2243, 94.5260)
contains.

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Color

**XYZ(74.1456, 61.1870,
92.6964)**

Conversions

Conversions Part 1

Format	Color
Hex	FFB6F3
RGB	255, 182, 243
RGB Percent	100%, 71%, 95%
CMY	0.0000, 0.2863, 0.0471
CMYK	0.00, 0.29, 0.05, 0.00
HSL	310°, 100%, 86%
HSV	310°, 29%, 100%
XYZ	74.1456, 61.1870, 92.6964
YIQ	210.7810, 23.9270, 34.4470

Conversions

Conversions Part 2

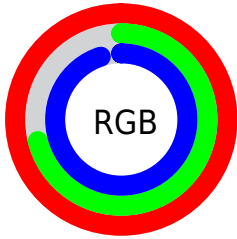
Format	Color
R _Y B	255, 182, 243
Decimal	16758515
CIE Lab	82.48, 35.80, -19.76
CIE LCh	82, 40.890, 331.100
Yxy	61.1870, 0.3252, 0.2683
Android (android.graphics.Color)	4294948595 (0xFFFFB6F3)
YUV	210.7810, 15.8840, 38.7801
Hunter-Lab	78.2221, 32.3088, -15.5056

Details

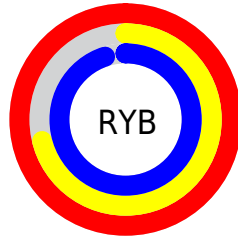
The XYZ color **74.1456, 61.1870, 92.6964** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **64.7910, 85.3611, 64.1033**, and the grayscale version is **61.6613, 64.8725, 70.6461**.

A 20% lighter version of the original color is **90.1565, 90.2130, 107.2688**, and **39.7148, 30.8965, 50.8841** is the 20% darker color. If you saturate the color by 10%, you get **68.7654, 51.4278, 87.8160**, and if you desaturate by 10%, it is **80.4939, 72.8585, 97.9724**.

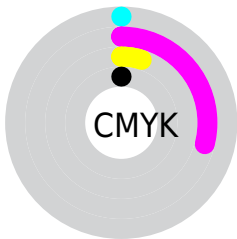
Distribution



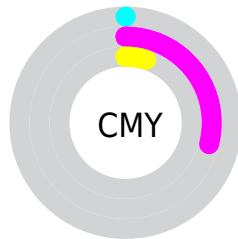
- Red (100%)
- Green (71%)
- Blue (95%)



- Red (100%)
- Yellow (71%)
- Blue (95%)



- Cyan (0%)
- Magenta (29%)
- Yellow (5%)
- Black (0%)





- Cyan (0%)
- Magenta (29%)
- Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 74.1456, 61.1870, 92.6964 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 74.1456, 61.1870, 92.6964 by changing the saturation by 10% instead.


 74.1456, 61.1870,
92.6964

 74.1456, 61.1870,
92.6964


464.0183,
428.9593, 557.5585

 55.2049, 44.3761,
69.6329


 124.0966,
106.5497, 153.0463

 39.8003, 30.9663,
50.7524


155.8376,
135.8702, 191.1698

 27.5664, 20.5732,
35.6362


192.5761,
170.1294, 235.1504

 18.1378, 12.8124,
23.8659

234.6774,
209.7117, 285.4066

 11.1493, 7.2995,
15.0229

282.5069,
255.0014, 342.3569

 6.2354, 3.6501,
8.6887

336.4300,

 3.0307, 1.4798,

306.3830, 406.4200

4.4446

396.8120,
364.2408, 478.0144

■ 1.1700, 0.2745,
1.8723

■ 0.0825, 0.0000,
0.4750

■ 74.1456, 61.1870,
92.6964

■ 74.1456, 61.1870,
92.6964

■ 68.7654, 51.4278,
87.8160

■ 80.4939, 72.8585,
97.9724

■ 64.2973, 43.4703,
83.3097

■ 87.8539, 86.5305,
103.6566

■ 60.6861, 37.2037,
79.1594

95.0500, 100.0000,
108.9000

■ 57.8687, 32.5020,
75.3436

■ 55.7733, 29.2219,
71.8378

■ 54.3149, 27.1932,
68.6133

■ 53.3721, 26.1737,
65.6292

■ 53.2607, 26.0683,
65.2303

Harmonies

Analogous

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



67.2766, 61.1870, 116.9197



74.1456, 61.1870, 92.6964



76.6301, 61.1870, 65.7026

Triad

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



74.1456, 61.1870, 92.6964



57.8344, 61.1870, 29.1557



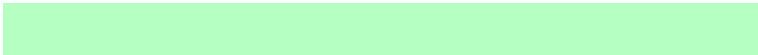
44.9199, 61.1870, 94.7051

Complementary

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



74.1456, 61.1870, 92.6964



64.7910, 85.3611, 64.1033

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.



42.9194, 61.1870, 67.5504



74.1456, 61.1870, 92.6964



49.9001, 61.1870, 33.3224

Square

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



74.1456, 61.1870, 92.6964



66.6627, 61.1870, 32.7437



44.6489, 61.1870, 45.9628



50.4063, 61.1870, 118.2690

Rectangle

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



74.1456, 61.1870, 92.6964



75.2875, 61.1870, 50.7536



44.6489, 61.1870, 45.9628



43.8436, 61.1870, 85.4953

Sweetspot

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



74.1470, 61.1895, 92.6977



87.5592, 85.9808, 103.4360



56.7600, 52.0099, 101.6551



18.4994, 17.9527, 21.9574



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.



74.1470, 61.1895, 92.6977



71.1377, 55.7120, 90.0261



69.2995, 59.2505, 67.1711



18.6569, 18.2461, 22.0762



27.8775, 13.6403, 34.3351



2.7470, 1.3412, 3.5150

Inverse Universe

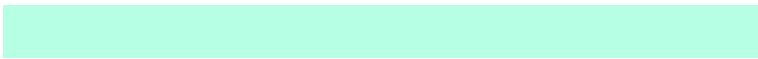
The Inverse Universe completely reimagines the original color for something new.



74.1470, 61.1895, 92.6977



71.1377, 55.7120, 90.0261



69.2589, 87.1482, 87.6311



18.6569, 18.2461, 22.0762



27.8775, 13.6403, 34.3351



2.7470, 1.3412, 3.5150

Previews

White Background



This preview shows how the XYZ color 74.1456, 61.1870, 92.6964 looks on a white background.

Color Contrast Check

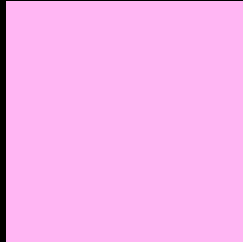
Large Text (above 18pt) WCAG AA × Fail

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 74.1456, 61.1870, 92.6964 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

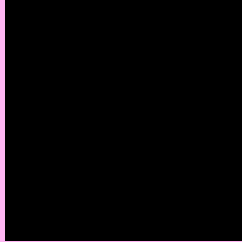
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 74.1456, 61.1870, 92.6964

Background



This preview shows how black text looks on a background with the XYZ color 74.1456, 61.1870, 92.6964.



This preview shows how white text looks on a background with the XYZ color 74.1456, 61.1870,

92.6964.

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

74.1456, 61.1870, 92.6964

Protanopia

61.6352, 61.7432, 103.2768

Deuteranopia

62.9093, 61.6199, 91.0162



Tritanopia

68.5210, 61.0788, 65.3047

Trichromacy



Original Color

74.1456, 61.1870, 92.6964



Protanomaly

65.4714, 61.0438, 99.5987



Deuteranomaly

66.5330, 61.1032, 91.5065



Tritanomaly

70.3587, 60.8752, 74.3715

Monochromacy



Original Color

74.1456, 61.1870, 92.6964



Achromatopsia

61.9161, 65.1406, 70.9381



Achromatomaly

65.6521, 62.9672, 78.5057

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.1456, 61.1870, 92.6964 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, 182, 243)` looks like.

```
.text, #text, p{  
    color:rgb(255, 182, 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, 182, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 182, 243) }
```

Border

The CSS property to change the border of an element to XYZ 74.1456, 61.1870, 92.6964 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, 182, 243) }
```


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

```
.border{ border-color:rgb(255, 182, 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, 182, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 182, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 182, 243);  
box-shadow:4px 4px 4px 4px rgb(255, 182,  
243) }
```

Background

The CSS property to change the background color of an element to XYZ 74.1456, 61.1870, 92.6964 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 182, 243) }
```

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

```
.background{ background-color: rgb(255,  
182, 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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