

Converting Colors

XYZ(74.4066, 61.6216, 93.0527)

Have a look what the booklet for
XYZ(74.4066, 61.6216, 93.0527)
contains.

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Color

**XYZ(74.3511, 61.5980,
92.7649)**

Conversions

Conversions Part 1

Format	Color
Hex	FFB7F3
RGB	255, 183, 243
RGB Percent	100%, 72%, 95%
CMY	0.0000, 0.2823, 0.0471
CMYK	0.00, 0.28, 0.05, 0.00
HSL	310°, 100%, 86%
HSV	310°, 28%, 100%
XYZ	74.3511, 61.5980, 92.7649
YIQ	211.3680, 23.6520, 33.9240

Conversions

Conversions Part 2

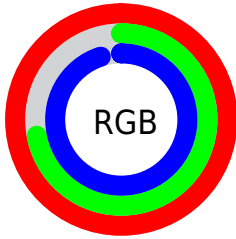
Format	Color
RYB	255, 183, 243
Decimal	16758771
CIELab	82.70, 35.27, -19.43
CIElCh	83, 40.271, 331.154
Yxy	61.5980, 0.3251, 0.2693
Android (android.graphics.Color)	4294948851 (0xFFFFB7F3)
YUV	211.3680, 15.5946, 38.2653
Hunter-Lab	78.4844, 31.7518, -15.1389

Details

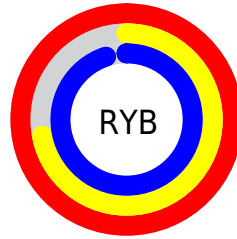
The XYZ color **74.3511, 61.5980, 92.7649** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **65.1407, 85.5283, 64.7079**, and the grayscale version is **62.0506, 65.2821, 71.0922**.

A 20% lighter version of the original color is **90.4501, 90.8002, 107.3667**, and **39.8459, 31.1587, 50.9278** is the 20% darker color. If you saturate the color by 10%, you get **68.9260, 51.7627, 87.8272**, and if you desaturate by 10%, it is **80.7467, 73.3497, 98.1010**.

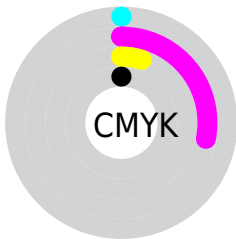
Distribution



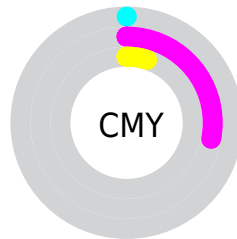
- Red (100%)
- Green (72%)
- Blue (95%)



- Red (100%)
- Yellow (72%)
- Blue (95%)



- Cyan (0%)
- Magenta (28%)
- Yellow (5%)
- Black (0%)



- Cyan (0%)
- Magenta (28%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.3511, 61.5980, 92.7649 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 74.3511, 61.5980, 92.7649 by changing the saturation by 10% instead.

74.3511, 61.5980,
92.7649

74.3511, 61.5980,
92.7649

464.7159,
430.4632, 557.7850

55.3737, 44.7080,
69.6895

124.3862,
107.1443, 153.1420

39.9361, 31.2275,
50.7982

156.1747,
136.5694, 191.2808

27.6727, 20.7721,
35.6724

192.9643,
170.9416, 235.2778

18.2183, 12.9575,
23.8936

235.1203,
210.6453, 285.5515

11.2074, 7.3993,
15.0433

283.0081,
256.0649, 342.5206

6.2749, 3.7131,
8.7028

336.9931,

3.0552, 1.5144,

307.5848, 406.6035

4.4537

397.4405,
365.5895, 478.2188

■ 1.1830, 0.2988,
1.8774

■ 0.0929, 0.0000,
0.4783

■ 74.3511, 61.5980,
92.7649

■ 74.3511, 61.5980,
92.7649

■ 68.9260, 51.7627,
87.8272

■ 80.7467, 73.3497,
98.1010

■ 64.4155, 43.7335,
83.2663

■ 88.1562, 87.1056,
103.8481

■ 60.7646, 37.3999,
79.0643

95.0500, 100.0000,
108.9000

■ 57.9105, 32.6368,
75.1998

■ 55.7818, 29.3013,
71.6483

■ 54.2941, 27.2247,
68.3814

■ 53.3311, 26.1747,
65.3596

■ 53.1869, 26.0388,
64.8416

Harmonies

Analogous

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



67.5766, 61.5980, 116.6279



74.3511, 61.5980, 92.7649



76.7926, 61.5980, 66.1152

Triad

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



74.3511, 61.5980, 92.7649



58.2128, 61.5980, 29.8388



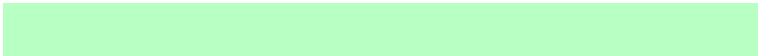
45.4403, 61.5980, 94.8425

Complementary

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



74.3511, 61.5980, 92.7649



65.1407, 85.5283, 64.7079

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.



43.4479, 61.5980, 68.0335



74.3511, 61.5980, 92.7649



50.3600, 61.5980, 34.0163

Square

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



74.3511, 61.5980, 92.7649



66.9403, 61.5980, 33.4100



45.1580, 61.5980, 46.6202



50.8865, 61.5980, 118.0204

Rectangle

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



74.3511, 61.5980, 92.7649



75.4619, 61.5980, 51.3119



45.1580, 61.5980, 46.6202



44.3699, 61.5980, 85.7627

Sweetspot

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



74.3525, 61.6005, 92.7662



88.3413, 87.4508, 103.9871



57.1828, 52.5329, 101.7337



18.6550, 18.2453, 22.0664



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.



74.3525, 61.6005, 92.7662



71.1081, 55.7002, 89.8706



69.5849, 59.6935, 67.6605



18.6550, 18.2453, 22.0664



27.8394, 13.6251, 34.1345



2.7436, 1.3398, 3.4973

Inverse Universe

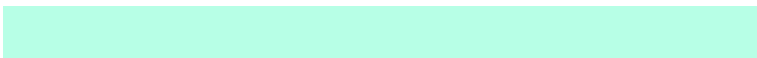
The Inverse Universe completely reimagines the original color for something new.



74.3525, 61.6005, 92.7662



71.1081, 55.7002, 89.8706



69.5450, 87.2900, 87.9005



18.6550, 18.2453, 22.0664



27.8394, 13.6251, 34.1345



2.7436, 1.3398, 3.4973

Previews

White Background



This preview shows how the XYZ color 74.3511, 61.5980, 92.7649 looks on a white background.

Color Contrast Check

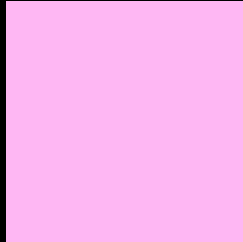
Large Text (above 18pt) WCAG AA × Fail

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 74.3511, 61.5980, 92.7649 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

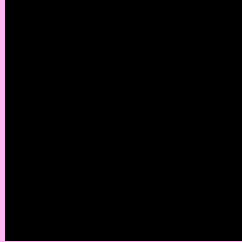
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 74.3511, 61.5980, 92.7649

Background



This preview shows how black text looks on a background with the XYZ color 74.3511, 61.5980, 92.7649.



This preview shows how white text looks on a background with the XYZ color 74.3511, 61.5980,

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

74.3511, 61.5980, 92.7649

Protanopia

61.8910, 61.8751, 103.2888

Deuteranopia

63.1932, 61.7662, 91.0295



Tritanopia

68.8572, 61.5587, 66.0105

Trichromacy



Original Color

74.3511, 61.5980, 92.7649



Protanomaly

65.4714, 61.0438, 99.5987



Deuteranomaly

66.5330, 61.1032, 91.5065



Tritanomaly

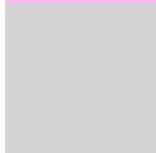
70.7014, 61.3506, 75.1333

Monochromacy



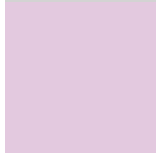
Original Color

74.3511, 61.5980, 92.7649



Achromatopsia

61.9161, 65.1406, 70.9381



Achromatomaly

65.8845, 63.4319, 78.5831

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.3511, 61.5980, 92.7649 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, 183, 243)` looks like.

```
.text, #text, p{  
    color:rgb(255, 183, 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, 183, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 183, 243) }
```

Border

The CSS property to change the border of an element to XYZ 74.3511, 61.5980, 92.7649 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, 183, 243) }
```


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

```
.border{ border-color:rgb(255, 183, 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, 183, 243) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 183, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 183, 243);  
box-shadow:4px 4px 4px 4px rgb(255, 183,  
243) }
```

Background

The CSS property to change the background color of an element to XYZ 74.3511, 61.5980, 92.7649 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 183, 243) }
```

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

```
.background{ background-color: rgb(255,  
183, 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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