

Converting Colors

XYZ(74.8649, 62.3055, 93.9230)

Have a look what the booklet for
XYZ(74.8649, 62.3055, 93.9230)
contains.

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Color

**XYZ(74.9181, 62.4896,
93.7010)**

Conversions

Conversions Part 1

Format	Color
Hex	FFB9F4
RGB	255, 185, 244
RGB Percent	100%, 73%, 96%
CMY	0.0000, 0.2745, 0.0431
CMYK	0.00, 0.27, 0.04, 0.00
HSL	309°, 100%, 86%
HSV	309°, 27%, 100%
XYZ	74.9181, 62.4896, 93.7010
YIQ	212.6560, 22.7810, 33.1890

Conversions

Conversions Part 2

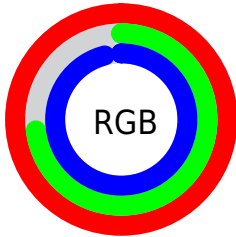
Format	Color
RYB	255, 185, 244
Decimal	16759284
CIELab	83.17, 34.40, -19.25
CIElCh	83, 39.418, 330.772
Yxy	62.4896, 0.3242, 0.2704
Android (android.graphics.Color)	4294949364 (0xFFFFB9F4)
YUV	212.6560, 15.4526, 37.1357
Hunter-Lab	79.0504, 30.8310, -14.9431

Details

The XYZ color **74.9181, 62.4896, 93.7010** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **65.7334, 85.8208, 65.3280**, and the grayscale version is **62.9070, 66.1831, 72.0734**.

A 20% lighter version of the original color is **91.0421, 91.9843, 107.5640**, and **40.2194, 31.7338, 51.5824** is the 20% darker color. If you saturate the color by 10%, you get **69.4526, 52.5215, 88.9105**, and if you desaturate by 10%, it is **81.3562, 74.3812, 98.8826**.

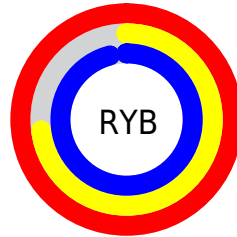
Distribution



Red (100%)

Green (73%)

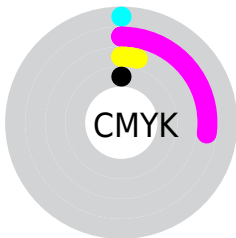
Blue (96%)



Red (100%)

Yellow (73%)

Blue (96%)

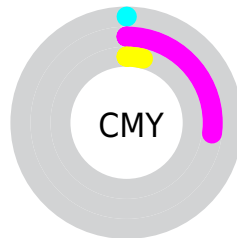


Cyan (0%)

Magenta (27%)

Yellow (4%)

Black (0%)



Cyan (0%)

Magenta (27%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.9181, 62.4896, 93.7010 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 74.9181, 62.4896, 93.7010 by changing the saturation by 10% instead.

74.9181, 62.4896,
93.7010

74.9181, 62.4896,
93.7010

466.6375,
433.7148, 560.8757

55.8397, 45.4284,
70.4634

125.1850,
108.4328, 154.4489

40.3109, 31.7950,
51.4253

157.1041,
138.0837, 192.7962

27.9664, 21.2050,
36.1681

194.0343,
172.6999, 237.0172

18.4406, 13.2739,
24.2733

236.3409,
212.6658, 287.5303

11.3684, 7.6174,
15.3224

284.3891,
258.3658, 344.7542

6.3843, 3.8511,
8.8968

338.5444,

3.1230, 1.5906,

310.1844, 409.1074

4.5781

399.1721,
368.5059, 481.0084

■ 1.2191, 0.3513,
1.9475

■ 0.1214, 0.0000,
0.5227

■ 74.9181, 62.4896,
93.7010

■ 74.9181, 62.4896,
93.7010

■ 69.4526, 52.5215,
88.9105

■ 81.3562, 74.3812,
98.8826

■ 64.9043, 44.3672,
84.4898

■ 88.8103, 88.2835,
104.4678

■ 61.2187, 37.9172,
80.4211

95.0500, 100.0000,
108.9000

■ 58.3335, 33.0473,
76.6832

■ 56.1781, 29.6165,
73.2522

■ 54.6694, 27.4585,
70.1000

■ 53.6990, 26.3566,
67.1899

■ 53.4966, 26.1627,
66.4725

Harmonies

Analogous

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



68.2036, 62.4896, 117.0090



74.9181, 62.4896, 93.7010



77.3851, 62.4896, 67.4086

Triad

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



74.9181, 62.4896, 93.7010



59.1734, 62.4896, 31.0011



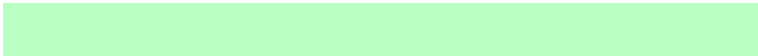
46.3660, 62.4896, 95.0667

Complementary

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



74.9181, 62.4896, 93.7010



65.7334, 85.8208, 65.3280

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.



44.4336, 62.4896, 68.6765



74.9181, 62.4896, 93.7010



51.3785, 62.4896, 35.0889

Square

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



74.9181, 62.4896, 93.7010



67.7841, 62.4896, 34.6828



46.1786, 62.4896, 47.5529



51.7274, 62.4896, 117.9213

Rectangle

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



74.9181, 62.4896, 93.7010



76.1198, 62.4896, 52.6793



46.1786, 62.4896, 47.5529



45.3183, 62.4896, 86.1306

Sweetspot

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



74.9195, 62.4921, 93.7023



88.3720, 87.4631, 104.1490



58.0366, 53.5899, 101.8928



18.6628, 18.2484, 22.1074



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.



74.9195, 62.4921, 93.7023



71.7681, 56.7266, 90.9953



70.1613, 60.5888, 68.6461



18.6628, 18.2484, 22.1074



27.9992, 13.6890, 34.9758



2.7577, 1.3455, 3.5715

Inverse Universe

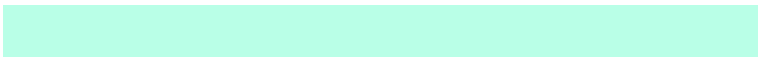
The Inverse Universe completely reimagines the original color for something new.



74.9195, 62.4921, 93.7023



71.7681, 56.7266, 90.9953



70.1226, 87.5764, 88.4412



18.6628, 18.2484, 22.1074



27.9992, 13.6890, 34.9758



2.7577, 1.3455, 3.5715

Previews

White Background



This preview shows how the XYZ color 74.9181, 62.4896, 93.7010 looks on a white background.

Color Contrast Check

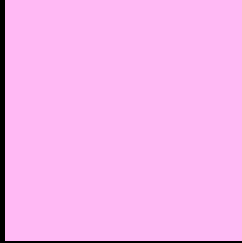
Large Text (above 18pt) WCAG AA × Fail

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 74.9181, 62.4896, 93.7010 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

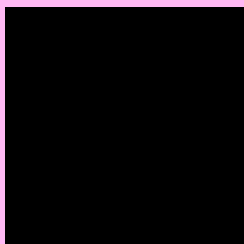
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 74.9181, 62.4896, 93.7010

Background



This preview shows how black text looks on a background with the XYZ color 74.9181, 62.4896, 93.7010.

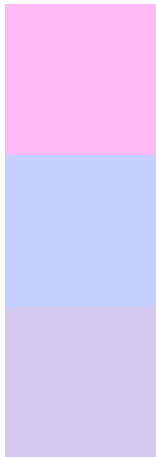


This preview shows how white text looks on a background with the XYZ color 74.9181, 62.4896,

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

74.9181, 62.4896, 93.7010

Protanopia

62.8863, 63.0984, 103.4725

Deuteranopia

64.1491, 62.5890, 91.9189



Tritanopia

69.5365, 62.5283, 67.4357

Trichromacy



Original Color

74.9181, 62.4896, 93.7010



Protanomaly

66.2219, 62.1049, 99.7640



Deuteranomaly

67.7618, 62.3846, 92.4744



Tritanomaly

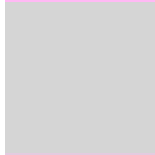
71.2607, 62.2579, 75.9713

Monochromacy



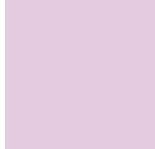
Original Color

74.9181, 62.4896, 93.7010



Achromatopsia

63.2451, 66.5387, 72.4607



Achromatomaly

66.8054, 64.5877, 79.4667

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.9181, 62.4896, 93.7010 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, 244)` looks like.

```
.text, #text, p{  
    color:rgb(255, 185, 244)  
}
```

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, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 185, 244) }
```

Border

The CSS property to change the border of an element to XYZ 74.9181, 62.4896, 93.7010 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, 244) }
```


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

```
.border{ border-color:rgb(255, 185, 244) }
```

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, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 185, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 185, 244);  
box-shadow:4px 4px 4px 4px rgb(255, 185,  
244) }
```

Background

The CSS property to change the background color of an element to XYZ 74.9181, 62.4896, 93.7010 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, 244) }
```

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

```
.background{ background-color: rgb(255,  
185, 244) }
```

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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