

Converting Colors

XYZ(74.0821, 64.4146,
103.1365)

Have a look what the booklet for
XYZ(74.0821, 64.4146, 103.1365)
contains.

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Color

**XYZ(74.0821, 64.4146,
103.1365)**

Conversions

Conversions Part 1

Format	Color
Hex	F3C1FF
RGB	243, 193, 255
RGB Percent	95%, 76%, 100%
CMY	0.0471, 0.2431, 0.0000
CMYK	0.05, 0.24, 0.00, 0.00
HSL	288°, 100%, 88%
HSV	288°, 24%, 100%
XYZ	74.0821, 64.4146, 103.1365
YIQ	215.0180, 9.8980, 29.8820

Conversions

Conversions Part 2

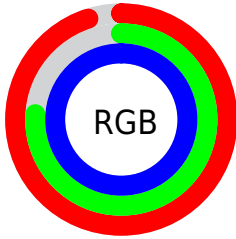
Format	Color
R _Y B	243, 193, 255
Decimal	15974911
CIE Lab	84.18, 28.33, -23.69
CIE LCh	84, 36.931, 320.095
Yxy	64.4146, 0.3066, 0.2666
Android (android.graphics.Color)	4294164991 (0xFFFF3C1FF)
YUV	215.0180, 19.7111, 24.5402
Hunter-Lab	80.2587, 24.3101, -20.0096

Details

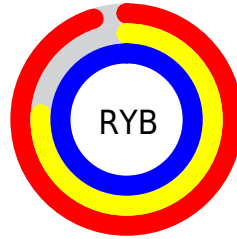
The XYZ color **74.0821, 64.4146, 103.1365** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **70.5640, 88.3501, 63.7893**, and the grayscale version is **64.4712, 67.8288, 73.8655**.

A 20% lighter version of the original color is **93.4756, 96.8512, 108.3752**, and **39.6754, 32.9816, 57.7010** is the 20% darker color. If you saturate the color by 10%, you get **67.2438, 53.2316, 101.3383**, and if you desaturate by 10%, it is **81.9417, 77.5702, 105.2615**.

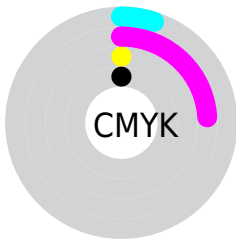
Distribution



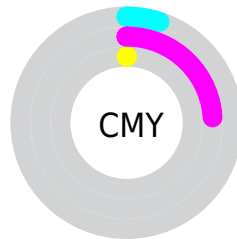
- Red (95%)
- Green (76%)
- Blue (100%)



- Red (95%)
- Yellow (76%)
- Blue (100%)



- Cyan (5%)
- Magenta (24%)
- Yellow (0%)
- Black (0%)



- Cyan (5%)
- Magenta (24%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.0821, 64.4146, 103.1365 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 74.0821, 64.4146, 103.1365 by changing the saturation by 10% instead.

74.0821, 64.4146,
103.1365

74.0821, 64.4146,
103.1365

463.8026,
440.6853, 591.5348

55.1528, 46.9866,
78.2911

124.0071,
111.2078, 167.5502

39.7584, 33.0250,
57.7953

155.7334,
141.3418, 207.9555

27.5336, 22.1456,
41.2305

192.4561,
176.4798, 254.3846

18.1130, 13.9639,
28.1782

234.5405,
217.0064, 307.2559

11.1313, 8.0956,
18.2198

282.3520,
263.3058, 366.9881

6.2232, 4.1562,
10.9368

336.2560,

3.0232, 1.7613,

315.7625, 433.9996

5.9107

396.6177,
374.7609, 508.7090

■ 1.1660, 0.4629,
2.7230

■ 0.0793, 0.0000,
0.9550

■ 74.0821, 64.4146,
103.1365

■ 74.0821, 64.4146,
103.1365

■ 67.2438, 53.2316,
101.3383

■ 81.9417, 77.5702,
105.2615

■ 61.3710, 43.9134,
99.8493

■ 90.8638, 92.7832,
107.7277

■ 56.4111, 36.3537,
98.6515

95.0500, 100.0000,
108.9000

■ 52.3035, 30.4326,
97.7251

■ 48.9805, 26.0146,
97.0475

■ 46.3631, 22.9426,
96.5925

■ 44.3547, 21.0239,
96.3280

■ 43.4061, 20.2916,
96.2366

Harmonies

Analogous

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



66.7814, 64.4146, 121.4369



74.0821, 64.4146, 103.1365



78.0388, 64.4146, 78.1632

Triad

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



74.0821, 64.4146, 103.1365



63.9662, 64.4146, 34.4982



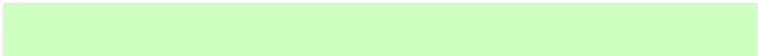
47.6251, 64.4146, 86.7567

Complementary

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



74.0821, 64.4146, 103.1365



70.5640, 88.3501, 63.7893

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.



47.0169, 64.4146, 62.6791



74.0821, 64.4146, 103.1365



55.9841, 64.4146, 35.8030

Square

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



74.0821, 64.4146, 103.1365



71.8644, 64.4146, 40.9768



49.9473, 64.4146, 45.0537



51.6897, 64.4146, 110.6169

Rectangle

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



74.0821, 64.4146, 103.1365



78.0281, 64.4146, 62.5428



49.9473, 64.4146, 45.0537



47.0245, 64.4146, 78.3213

Sweetspot

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



74.0839, 64.4173, 103.1369



88.3581, 88.4859, 107.0303



61.9718, 62.4145, 103.3887



18.7942, 18.7376, 22.8761



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.



74.0839, 64.4173, 103.1369



70.7533, 58.9340, 102.2540



75.5099, 65.4818, 88.3226



18.4279, 18.1123, 22.7747



22.8030, 10.6658, 50.2914



2.3044, 1.0819, 4.9006

Inverse Universe

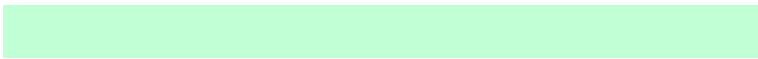
The Inverse Universe completely reimagines the original color for something new.



71.3310, 63.8102, 66.3169



67.6654, 58.2846, 59.5283



69.5874, 87.5916, 75.2648



18.1530, 18.0445, 19.4229



21.8829, 11.2425, 2.7680



2.1666, 1.1090, 0.4586

Previews

White Background



This preview shows how the XYZ color 74.0821, 64.4146, 103.1365 looks on a white background.

Color Contrast Check

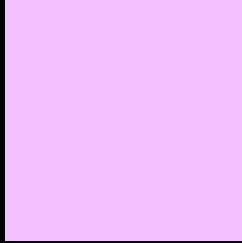
Large Text (above 18pt) WCAG AA × Fail

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 74.0821, 64.4146, 103.1365 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

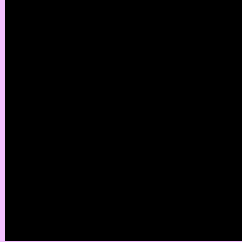
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 74.0821, 64.4146, 103.1365

Background



This preview shows how black text looks on a background with the XYZ color 74.0821, 64.4146, 103.1365.

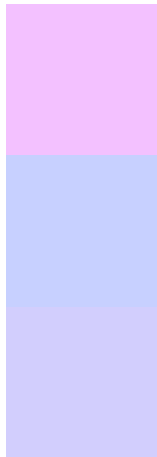


This preview shows how white text looks on a background with the XYZ color 74.0821, 64.4146,

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

74.0821, 64.4146, 103.1365

Protanopia

64.1591, 64.4739, 103.6709

Deuteranopia

66.3793, 64.9361, 101.9639



Tritanopia

67.9740, 64.2709, 73.7887

Trichromacy



Original Color

74.0821, 64.4146, 103.1365



Protanomaly

67.4303, 64.3789, 103.4802



Deuteranomaly

68.9002, 64.4586, 102.5763



Tritanomaly

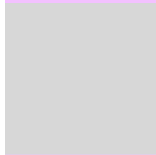
69.8458, 63.9964, 83.5342

Monochromacy



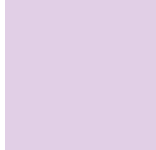
Original Color

74.0821, 64.4146, 103.1365



Achromatopsia

64.5905, 67.9542, 74.0022



Achromatomaly

67.6471, 66.3464, 84.1037

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.0821, 64.4146, 103.1365 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(243, 193, 255)` looks like.

```
.text, #text, p{  
    color:rgb(243, 193, 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(243, 193, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 193, 255) }
```

Border

The CSS property to change the border of an element to XYZ 74.0821, 64.4146, 103.1365 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(243, 193, 255) }
```


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

```
.border{ border-color:rgb(243, 193, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 193, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 193, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 193, 255);  
box-shadow:4px 4px 4px 4px rgb(243, 193,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 74.0821, 64.4146, 103.1365 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 193, 255) }
```

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

```
.background{ background-color: rgb(243,  
193, 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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