

Converting Colors

XYZ(74.8457, 66.4362,
103.4864)

Have a look what the booklet for
XYZ(74.8457, 66.4362, 103.4864)
contains.

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Color

**XYZ(74.8620, 66.4854,
103.4951)**

Conversions

Conversions Part 1

Format	Color
Hex	F2C6FF
RGB	242, 198, 255
RGB Percent	95%, 78%, 100%
CMY	0.0510, 0.2235, 0.0000
CMYK	0.05, 0.22, 0.00, 0.00
HSL	286°, 100%, 89%
HSV	286°, 22%, 100%
XYZ	74.8620, 66.4854, 103.4951
YIQ	217.6540, 7.9270, 27.0550

Conversions

Conversions Part 2

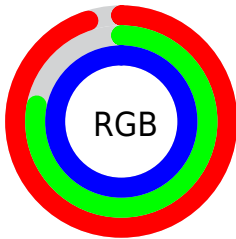
Format	Color
R_{YB}	242, 198, 255
Decimal	15910655
CIE _{Lab}	85.24, 25.36, -22.09
CIE _{LCh}	85, 33.630, 318.946
Yxy	66.4854, 0.3058, 0.2715
Android (android.graphics.Color)	4294100735 (0xFFFF2C6FF)
YUV	217.6540, 18.4116, 21.3514
Hunter-Lab	81.5386, 21.1915, -18.1785

Details

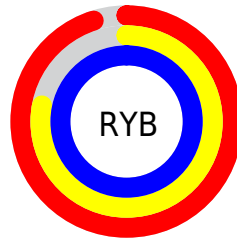
The XYZ color **74.8620, 66.4854, 103.4951** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **72.8187, 89.4469, 66.8563**, and the grayscale version is **66.2775, 69.7291, 75.9350**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.1739, 34.3380, 57.9366** is the 20% darker color. If you saturate the color by 10%, you get **67.5528, 54.7825, 101.6214**, and if you desaturate by 10%, it is **83.2196, 80.1889, 105.6996**.

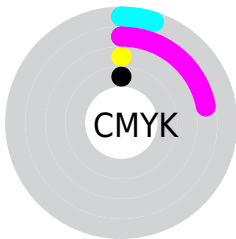
Distribution



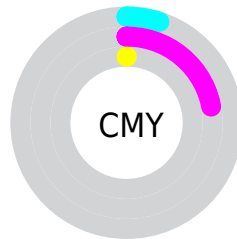
- Red (95%)
- Green (78%)
- Blue (100%)



- Red (95%)
- Yellow (78%)
- Blue (100%)



- Cyan (5%)
- Magenta (22%)
- Yellow (0%)
- Black (0%)



- Cyan (5%)
- Magenta (22%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.8620, 66.4854, 103.4951 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 74.8620, 66.4854, 103.4951 by changing the saturation by 10% instead.

74.8620, 66.4854,
103.4951

74.8620, 66.4854,
103.4951

466.4476,
448.1108, 592.6832

55.7936, 48.6665,
78.5895

125.1060,
114.1827, 168.0456

40.2738, 34.3550,
58.0391

157.0122,
144.8300, 208.5277

27.9373, 23.1665,
41.4252

193.9285,
180.5222, 255.0390

18.4186, 14.7165,
28.3292

236.2202,
221.6437, 307.9981

11.3524, 8.6207,
18.3328

284.2526,
268.5789, 367.8235

6.3734, 4.4946,
11.0173

338.3910,

3.1163, 1.9539,

321.7123, 434.9338

5.9641

399.0009,
381.4281, 509.7476

■ 1.2155, 0.5805,
2.7548

■ 0.1186, 0.0000,
0.9709

■ 74.8620, 66.4854,
103.4951

■ 74.8620, 66.4854,
103.4951

■ 67.5528, 54.7825,
101.6214

■ 83.2196, 80.1889,
105.6996

■ 61.2368, 44.9735,
100.0610

■ 92.6661, 95.9763,
108.2490

■ 55.8618, 36.9540,
98.7963

95.0500, 100.0000,
108.9000

■ 51.3685, 30.6064,
97.8080

■ 47.6904, 25.7986,
97.0738

■ 44.7510, 22.3782,
96.5685

■ 42.4577, 20.1612,
96.2615

■ 41.0353, 19.0693,
96.1257

Harmonies

Analogous

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



68.0554, 66.4854, 119.6150



74.8620, 66.4854, 103.4951



78.6428, 66.4854, 80.7137

Triad

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



74.8620, 66.4854, 103.4951



66.0352, 66.4854, 38.6020



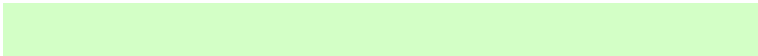
50.3569, 66.4854, 86.8435

Complementary

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



74.8620, 66.4854, 103.4951



72.8187, 89.4469, 66.8563

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.



49.9109, 66.4854, 64.6616



74.8620, 66.4854, 103.4951



58.5667, 66.4854, 39.5904

Square

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



74.8620, 66.4854, 103.4951



73.2814, 66.4854, 45.2015



52.8032, 66.4854, 48.2418



54.0746, 66.4854, 108.7491

Rectangle

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



74.8620, 66.4854, 103.4951



78.7509, 66.4854, 66.0780



52.8032, 66.4854, 48.2418



49.8312, 66.4854, 79.0945

Sweetspot

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



74.8639, 66.4882, 103.4955



88.1358, 88.3713, 107.0199



64.7100, 65.9663, 103.9299



18.7426, 18.7110, 22.8737



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.



74.8639, 66.4882, 103.4955



71.3378, 60.8037, 102.5841



77.1340, 67.9301, 91.3299



18.3637, 18.0792, 22.7717



21.5780, 10.0344, 50.2341



2.1951, 1.0256, 4.8955

Inverse Universe

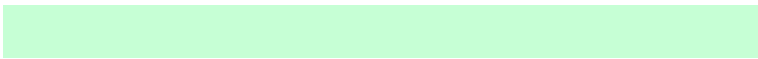
The Inverse Universe completely reimagines the original color for something new.



73.1936, 66.3539, 70.5802



69.4737, 60.6983, 63.8395



71.0863, 88.3410, 76.3914



18.1790, 18.0549, 19.5599



21.9962, 11.2878, 3.3647



2.1811, 1.1148, 0.5351

Previews

White Background



This preview shows how the XYZ color 74.8620, 66.4854, 103.4951 looks on a white background.

Color Contrast Check

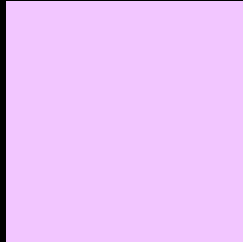
Large Text (above 18pt) WCAG AA × Fail

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 74.8620, 66.4854, 103.4951 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

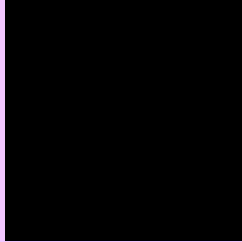
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 74.8620, 66.4854, 103.4951

Background



This preview shows how black text looks on a background with the XYZ color 74.8620, 66.4854, 103.4951.

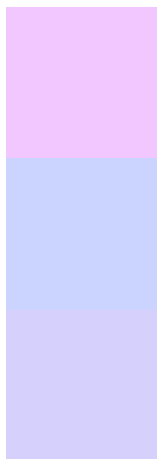


This preview shows how white text looks on a background with the XYZ color 74.8620, 66.4854,

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

74.8620, 66.4854, 103.4951

Protanopia

65.9729, 66.5050, 103.9674

Deuteranopia

68.0171, 66.4997, 102.1794



Tritanopia

69.4362, 66.3576, 76.8588

Trichromacy



Original Color

74.8620, 66.4854, 103.4951



Protanomaly

68.7366, 66.1143, 103.7463



Deuteranomaly

70.2227, 66.1888, 102.8405



Tritanomaly

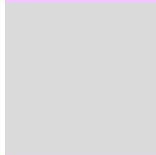
71.4251, 66.4750, 86.1572

Monochromacy



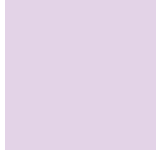
Original Color

74.8620, 66.4854, 103.4951



Achromatopsia

66.6397, 70.1102, 76.3500



Achromatomaly

69.3966, 68.6889, 85.2020

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.8620, 66.4854, 103.4951 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(242, 198, 255)` looks like.

```
.text, #text, p{  
    color:rgb(242, 198, 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(242, 198, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 198, 255) }
```

Border

The CSS property to change the border of an element to XYZ 74.8620, 66.4854, 103.4951 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(242, 198, 255) }
```


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

```
.border{ border-color:rgb(242, 198, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 198, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 198, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 198, 255);  
box-shadow:4px 4px 4px 4px rgb(242, 198,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 74.8620, 66.4854, 103.4951 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 198, 255) }
```

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

```
.background{ background-color: rgb(242,  
198, 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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