

Converting Colors

XYZ(74.7337, 66.1333,
103.4338)

Have a look what the booklet for
XYZ(74.7337, 66.1333, 103.4338)
contains.

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Color

**XYZ(74.6342, 66.0298,
103.4191)**

Conversions

Conversions Part 1

Format	Color
Hex	F2C5FF
RGB	242, 197, 255
RGB Percent	95%, 77%, 100%
CMY	0.0510, 0.2274, 0.0000
CMYK	0.05, 0.23, 0.00, 0.00
HSL	287°, 100%, 89%
HSV	287°, 23%, 100%
XYZ	74.6342, 66.0298, 103.4191
YIQ	217.0670, 8.2020, 27.5780

Conversions

Conversions Part 2

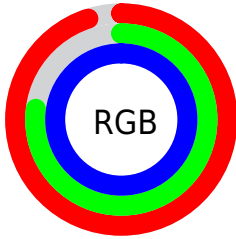
Format	Color
R_{YB}	242, 197, 255
Decimal	15910399
CIE _{Lab}	85.01, 25.89, -22.44
CIE _{LCh}	85, 34.261, 319.085
Yxy	66.0298, 0.3058, 0.2705
Android (android.graphics.Color)	4294100479 (0xFFFF2C5FF)
YUV	217.0670, 18.7010, 21.8662
Hunter-Lab	81.2587, 21.7452, -18.5781

Details

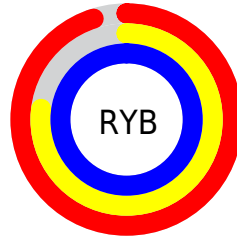
The XYZ color **74.6342, 66.0298, 103.4191** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **72.4181, 89.2536, 66.2375**, and the grayscale version is **65.8729, 69.3034, 75.4714**.

A 20% lighter version of the original color is **94.7318, 99.3636, 108.7939**, and **40.0231, 34.0364, 57.8863** is the 20% darker color. If you saturate the color by 10%, you get **67.3959, 54.4191, 101.5595**, and if you desaturate by 10%, it is **82.9169, 79.6363, 105.6089**.

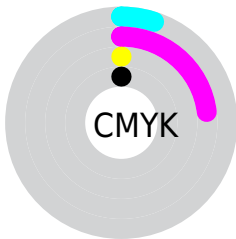
Distribution



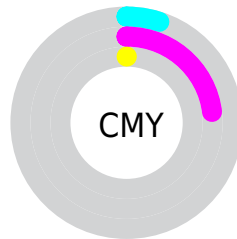
- Red (95%)
- Green (77%)
- Blue (100%)



- Red (95%)
- Yellow (77%)
- Blue (100%)



- Cyan (5%)
- Magenta (23%)
- Yellow (0%)
- Black (0%)



- Cyan (5%)
- Magenta (23%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.6342, 66.0298, 103.4191 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 74.6342, 66.0298, 103.4191 by changing the saturation by 10% instead.

74.6342, 66.0298,
103.4191

74.6342, 66.0298,
103.4191

465.6759,
446.4834, 592.4399

55.6064, 48.2966,
78.5263

124.7851,
113.5291, 167.9406

40.1232, 34.0618,
57.9874

156.6389,
144.0640, 208.4065

27.8192, 22.9411,
41.3839

193.4987,
179.6349, 254.9003

18.3292, 14.5500,
28.2972

235.7300,
220.6262, 307.8409

11.2877, 8.5042,
18.3088

283.6979,
267.4223, 367.6465

6.3294, 4.4192,
11.0002

337.7680,

3.0890, 1.9107,

320.4076, 434.7359

5.9528

398.3055,
379.9665, 509.5275

■ 1.2010, 0.5548,
2.7481

■ 0.1071, 0.0000,
0.9675

■ 74.6342, 66.0298,
103.4191

■ 74.6342, 66.0298,
103.4191

■ 67.3959, 54.4191,
101.5595

■ 82.9169, 79.6363,
105.6089

■ 61.1465, 44.6971,
100.0124

■ 92.2847, 95.3221,
108.1428

■ 55.8339, 36.7593,
98.7602

95.0500, 100.0000,
108.9000

■ 51.3985, 30.4873,
97.7834

■ 47.7735, 25.7485,
97.0598

■ 44.8819, 22.3897,
96.5638

■ 42.6304, 20.2250,
96.2647

■ 41.2985, 19.2050,
96.1380

Harmonies

Analogous

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



67.7293, 66.0298, 119.9106



74.6342, 66.0298, 103.4191



78.4599, 66.0298, 80.2326

Triad

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



74.6342, 66.0298, 103.4191



65.6067, 66.0298, 37.7617



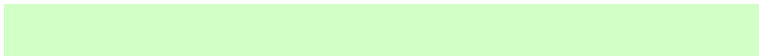
49.7735, 66.0298, 86.6804

Complementary

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



74.6342, 66.0298, 103.4191



72.4181, 89.2536, 66.2375

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.



49.3068, 66.0298, 64.1564



74.6342, 66.0298, 103.4191



58.0386, 66.0298, 38.7895

Square

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



74.6342, 66.0298, 103.4191



72.9713, 66.0298, 44.3615



52.2160, 66.0298, 47.5323



53.5475, 66.0298, 108.9624

Rectangle

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



74.6342, 66.0298, 103.4191



78.5553, 66.0298, 65.4014



52.2160, 66.0298, 47.5323



49.2369, 66.0298, 78.8053

Sweetspot

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



74.6361, 66.0326, 103.4196



88.1611, 88.3844, 107.0210



64.2569, 65.4501, 103.8542



18.7485, 18.7141, 22.8740



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.



74.6361, 66.0326, 103.4196



71.4295, 60.8509, 102.5884



76.8666, 67.4586, 91.0457



18.3710, 18.0830, 22.7721



21.7141, 10.1045, 50.2405



2.2073, 1.0318, 4.8961

Inverse Universe

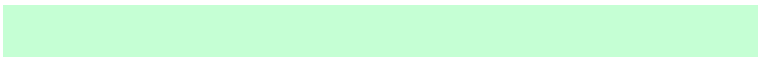
The Inverse Universe completely reimagines the original color for something new.



72.8408, 65.8483, 69.8460



69.4417, 60.6855, 63.6710



70.7305, 88.1683, 75.8894



18.1761, 18.0537, 19.5443



21.9824, 11.2822, 3.2916



2.1794, 1.1141, 0.5260

Previews

White Background



This preview shows how the XYZ color 74.6342, 66.0298, 103.4191 looks on a white background.

Color Contrast Check

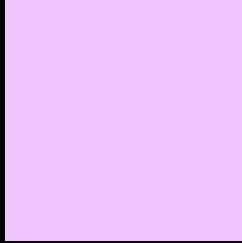
Large Text (above 18pt) WCAG AA × Fail

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 74.6342, 66.0298, 103.4191 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 74.6342, 66.0298, 103.4191

Background



This preview shows how black text looks on a background with the XYZ color 74.6342, 66.0298, 103.4191.

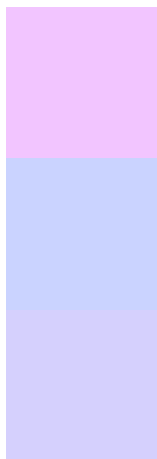


This preview shows how white text looks on a background with the XYZ color 74.6342, 66.0298,

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

74.6342, 66.0298, 103.4191

Protanopia

65.7014, 66.3651, 103.9546

Deuteranopia

67.7261, 66.3497, 102.1657



Tritanopia

69.0672, 65.8309, 76.0842

Trichromacy



Original Color

74.6342, 66.0298, 103.4191

Protanomaly

68.7366, 66.1143, 103.7463

Deuteranomaly

70.2227, 66.1888, 102.8405

Tritanomaly

71.0487, 65.9502, 85.3289

Monochromacy



Original Color

74.6342, 66.0298, 103.4191

Achromatopsia

65.9525, 69.3872, 75.5626

Achromatomaly

68.8344, 68.0315, 85.1047

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.6342, 66.0298, 103.4191 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, 197, 255)` looks like.

```
.text, #text, p{  
    color:rgb(242, 197, 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, 197, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 197, 255) }
```

Border

The CSS property to change the border of an element to XYZ 74.6342, 66.0298, 103.4191 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, 197, 255) }
```


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

```
.border{ border-color:rgb(242, 197, 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, 197, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 197, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 197, 255);  
box-shadow:4px 4px 4px 4px rgb(242, 197,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 74.6342, 66.0298, 103.4191 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 197, 255) }
```

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

```
.background{ background-color: rgb(242,  
197, 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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