

Converting Colors

XYZ(73.7534, 64.1117,
103.0953)

Have a look what the booklet for
XYZ(73.7534, 64.1117, 103.0953)
contains.

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Color

**XYZ(73.7379, 64.2372,
103.1203)**

Conversions

Conversions Part 1

Format	Color
Hex	F2C1FF
RGB	242, 193, 255
RGB Percent	95%, 76%, 100%
CMY	0.0510, 0.2431, 0.0000
CMYK	0.05, 0.24, 0.00, 0.00
HSL	287°, 100%, 88%
HSV	287°, 24%, 100%
XYZ	73.7379, 64.2372, 103.1203
YIQ	214.7190, 9.3020, 29.6700

Conversions

Conversions Part 2

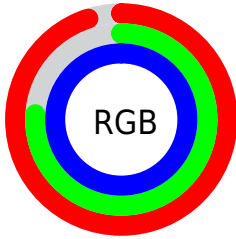
Format	Color
R _Y B	242, 193, 255
Decimal	15909375
CIE Lab	84.09, 28.01, -23.84
CIE LCh	84, 36.784, 319.601
Yxy	64.2372, 0.3058, 0.2664
Android (android.graphics.Color)	4294099455 (0xFFFF2C1FF)
YUV	214.7190, 19.8585, 23.9254
Hunter-Lab	80.1481, 23.9644, -20.1801

Details

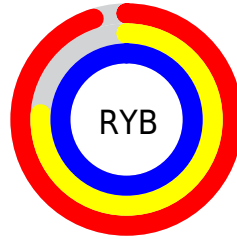
The XYZ color **73.7379, 64.2372, 103.1203** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **70.8408, 88.4928, 63.8024**, and the grayscale version is **64.2686, 67.6156, 73.6334**.

A 20% lighter version of the original color is **93.4756, 96.8512, 108.3752**, and **39.4332, 32.8567, 57.6897** is the 20% darker color. If you saturate the color by 10%, you get **66.7716, 52.9882, 101.3162**, and if you desaturate by 10%, it is **81.7334, 77.4629, 105.2518**.

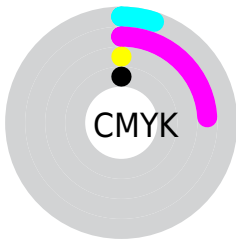
Distribution



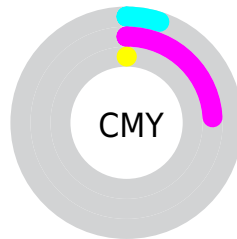
- Red (95%)
- Green (76%)
- Blue (100%)



- 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 73.7379, 64.2372, 103.1203 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 73.7379, 64.2372, 103.1203 by changing the saturation by 10% instead.


 73.7379, 64.2372,
103.1203

 73.7379, 64.2372,
103.1203


462.6326,
440.0457, 591.4829

 54.8701, 46.8428,
78.2776

 123.5217,
110.9525, 167.5278

 39.5311, 32.9114,
57.7843

155.1684,
141.0422, 207.9296

 27.3557, 22.0586,
41.2217


191.8053,
176.1324, 254.3550

 17.9785, 13.9000,
28.1713

233.7980,
216.6076, 307.2224

 11.0342, 8.0511,
18.2147

281.5117,
262.8521, 366.9503

 6.1573, 4.1277,
10.9332

335.3118,

 2.9825, 1.7452,

315.2504, 433.9574

5.9083

395.5636,
374.1868, 508.6620

■ 1.1445, 0.4527,
2.7215

■ 0.0619, 0.0000,
0.9542

■ 73.7379, 64.2372,
103.1203

■ 73.7379, 64.2372,
103.1203

■ 66.7716, 52.9882,
101.3162

■ 81.7334, 77.4629,
105.2518

■ 60.7786, 43.6080,
99.8215

■ 90.7993, 92.7500,
107.7247

■ 55.7060, 35.9903,
98.6185

95.0500, 100.0000,
108.9000

■ 51.4935, 30.0150,
97.6872

■ 48.0729, 25.5468,
97.0050

■ 45.3654, 22.4283,
96.5458

■ 43.2741, 20.4668,
96.2774

■ 42.2815, 19.7118,
96.1840

Harmonies

Analogous

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



66.4459, 64.2372, 121.1058



73.7379, 64.2372, 103.1203



77.7406, 64.2372, 78.3313

Triad

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



73.7379, 64.2372, 103.1203



63.9181, 64.2372, 34.5298



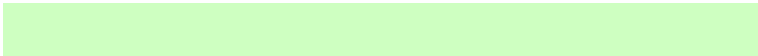
47.4933, 64.2372, 86.0463

Complementary

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



73.7379, 64.2372, 103.1203



70.8408, 88.4928, 63.8024

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.



46.9469, 64.2372, 62.1767



73.7379, 64.2372, 103.1203



55.9648, 64.2372, 35.7029

Square

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



73.7379, 64.2372, 103.1203



71.7469, 64.2372, 41.1117



49.9177, 64.2372, 44.7758



51.4828, 64.2372, 109.8336

Rectangle

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



73.7379, 64.2372, 103.1203



77.7850, 64.2372, 62.7456



49.9177, 64.2372, 44.7758



46.9152, 64.2372, 77.6715

Sweetspot

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



73.7397, 64.2399, 103.1208



88.2541, 88.4324, 107.0254



62.2205, 62.9118, 103.4716



18.7701, 18.7252, 22.8750



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.



73.7397, 64.2399, 103.1208



70.3481, 58.7251, 102.2351



75.6609, 65.5422, 89.1174



18.3979, 18.0968, 22.7733



22.2221, 10.3664, 50.2643



2.2527, 1.0552, 4.8982

Inverse Universe

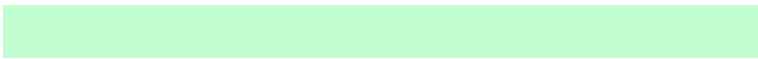
The Inverse Universe completely reimagines the original color for something new.



71.4522, 63.8587, 66.9548



67.8011, 58.3389, 60.2433



69.4578, 87.5398, 74.5822



18.1652, 18.0494, 19.4869



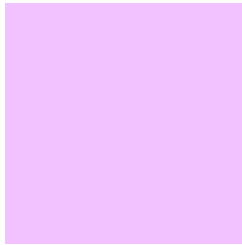
21.9335, 11.2627, 3.0342



2.1732, 1.1116, 0.4933

Previews

White Background



This preview shows how the XYZ color 73.7379, 64.2372, 103.1203 looks on a white background.

Color Contrast Check

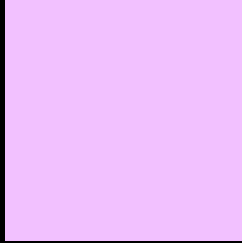
Large Text (above 18pt) WCAG AA × Fail

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 73.7379, 64.2372, 103.1203 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

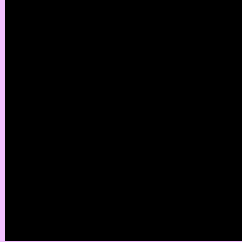
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 73.7379, 64.2372, 103.1203

Background



This preview shows how black text looks on a background with the XYZ color 73.7379, 64.2372, 103.1203.

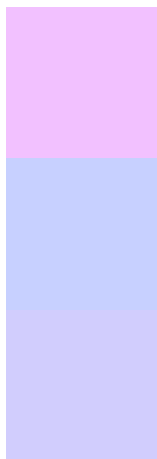


This preview shows how white text looks on a background with the XYZ color 73.7379, 64.2372,

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

73.7379, 64.2372, 103.1203

Protanopia

64.1591, 64.4739, 103.6709

Deuteranopia

65.8554, 64.3098, 101.8706



Tritanopia

67.6410, 64.0993, 73.7731

Trichromacy



Original Color

73.7379, 64.2372, 103.1203



Protanomaly

67.4303, 64.3789, 103.4802



Deuteranomaly

68.5948, 64.3012, 102.5620



Tritanomaly

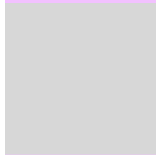
69.5091, 63.8228, 83.5184

Monochromacy



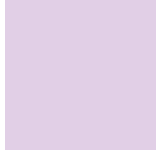
Original Color

73.7379, 64.2372, 103.1203



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 73.7379, 64.2372, 103.1203 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, 193, 255)` looks like.

```
.text, #text, p{  
    color:rgb(242, 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(242, 193, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 193, 255) }
```

Border

The CSS property to change the border of an element to XYZ 73.7379, 64.2372, 103.1203 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, 193, 255) }
```


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

```
.border{ border-color:rgb(242, 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(242, 193, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 193, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 193, 255);  
box-shadow:4px 4px 4px 4px rgb(242, 193,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 73.7379, 64.2372, 103.1203 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 193, 255) }
```

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

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