

Converting Colors

XYZ(73.4781, 64.3665,
103.1590)

Have a look what the booklet for
XYZ(73.4781, 64.3665, 103.1590)
contains.

XYZ(73.6174, 64.5043, 103.1783)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(73.6174, 64.5043,
103.1783)**

Conversions

Conversions Part 1

Format	Color
Hex	F1C2FF
RGB	241, 194, 255
RGB Percent	95%, 76%, 100%
CMY	0.0549, 0.2392, 0.0000
CMYK	0.05, 0.24, 0.00, 0.00
HSL	286°, 100%, 88%
HSV	286°, 24%, 100%
XYZ	73.6174, 64.5043, 103.1783
YIQ	215.0070, 8.4310, 28.9350

Conversions

Conversions Part 2

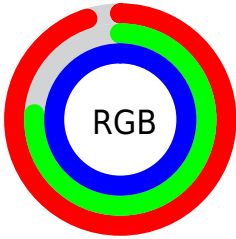
Format	Color
R _Y B	241, 194, 255
Decimal	15844095
CIE Lab	84.23, 27.17, -23.64
CIE LCh	84, 36.010, 318.972
Yxy	64.5043, 0.3051, 0.2673
Android (android.graphics.Color)	4294034175 (0xFFFF1C2FF)
YUV	215.0070, 19.7165, 22.7959
Hunter-Lab	80.3146, 23.0650, -19.9483

Details

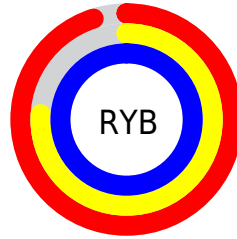
The XYZ color **73.6174, 64.5043, 103.1783** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **71.5115, 88.8256, 64.4180**, and the grayscale version is **64.4644, 67.8216, 73.8577**.

A 20% lighter version of the original color is **93.7872, 97.4744, 108.4791**, and **39.3383, 33.0237, 57.7269** is the 20% darker color. If you saturate the color by 10%, you get **66.4565, 53.0998, 101.3544**, and if you desaturate by 10%, it is **81.8198, 77.8947, 105.3305**.

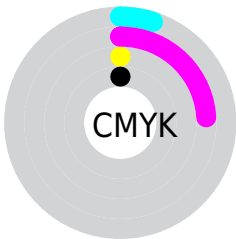
Distribution



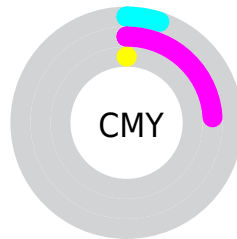
- Red (95%)
- Green (76%)
- Blue (100%)



- 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 73.6174, 64.5043, 103.1783 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 73.6174, 64.5043, 103.1783 by changing the saturation by 10% instead.


 73.6174, 64.5043,
103.1783

 73.6174, 64.5043,
103.1783


462.2226,
441.0085, 591.6687

 54.7711, 47.0592,
78.3259


 123.3517,
111.3369, 167.6079

 39.4516, 33.0825,
57.8237

154.9705,
141.4932, 208.0222

 27.2935, 22.1896,
41.2532


191.5774,
176.6554, 254.4609

 17.9315, 13.9963,
28.1958

233.5379,
217.2079, 307.3425

 11.0002, 8.1181,
18.2330

281.2173,
263.5351, 367.0855

 6.1343, 4.1706,
10.9462

334.9810,

 2.9683, 1.7695,

316.0213, 434.1085

5.9169

395.1943,
375.0510, 508.8301

■ 1.1370, 0.4680,
2.7267

■ 0.0558, 0.0000,
0.9568

■ 73.6174, 64.5043,
103.1783

■ 73.6174, 64.5043,
103.1783

■ 66.4565, 53.0998,
101.3544

■ 81.8198, 77.8947,
105.3305

■ 60.2814, 43.5735,
99.8411

■ 91.1051, 93.3555,
107.8254

■ 55.0392, 35.8195,
98.6207

95.0500, 100.0000,
108.9000

■ 50.6696, 29.7180,
97.6733

■ 47.1047, 25.1343,
96.9765

■ 44.2659, 21.9122,
96.5041

■ 42.0573, 19.8605,
96.2245

■ 40.9396, 19.0200,
96.1212

Harmonies

Analogous

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



66.4298, 64.5043, 120.4759



73.6174, 64.5043, 103.1783



77.6220, 64.5043, 78.9725

Triad

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



73.6174, 64.5043, 103.1783



64.2891, 64.5043, 35.3518



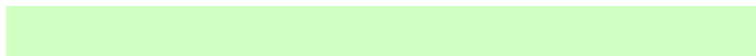
47.9240, 64.5043, 85.4973

Complementary

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



73.6174, 64.5043, 103.1783



71.5115, 88.8256, 64.4180

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.



47.4591, 64.5043, 62.1655



73.6174, 64.5043, 103.1783



56.4591, 64.5043, 36.3574

Square

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



73.6174, 64.5043, 103.1783



71.9338, 64.5043, 42.0456



50.4559, 64.5043, 45.1751



51.7863, 64.5043, 108.8368

Rectangle

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



73.6174, 64.5043, 103.1783



77.7339, 64.5043, 63.6071



50.4559, 64.5043, 45.1751



47.3786, 64.5043, 77.3063

Sweetspot

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



73.6192, 64.5070, 103.1787



88.1265, 88.3666, 107.0194



62.9132, 63.9176, 103.6292



18.7404, 18.7099, 22.8736



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.



73.6192, 64.5070, 103.1787



69.8536, 58.4702, 102.2119



76.0737, 66.0622, 90.1978



18.3611, 18.0779, 22.7716



21.5286, 10.0089, 50.2318



2.1907, 1.0233, 4.8953

Inverse Universe

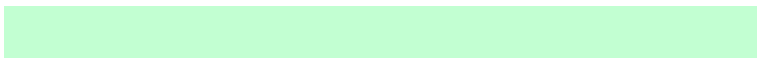
The Inverse Universe completely reimagines the original color for something new.



71.9185, 64.4001, 68.3165



67.9695, 58.4063, 61.1301



69.6761, 87.6567, 74.3967



18.1801, 18.0554, 19.5656



22.0014, 11.2898, 3.3917



2.1817, 1.1151, 0.5385

Previews

White Background



This preview shows how the XYZ color 73.6174, 64.5043, 103.1783 looks on a white background.

Color Contrast Check

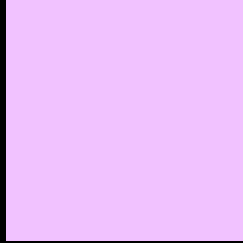
Large Text (above 18pt) WCAG AA × Fail

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 73.6174, 64.5043, 103.1783 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

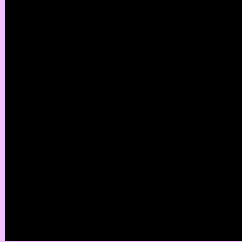
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 73.6174, 64.5043, 103.1783

Background



This preview shows how black text looks on a background with the XYZ color 73.6174, 64.5043, 103.1783.

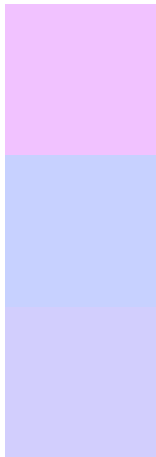


This preview shows how white text looks on a background with the XYZ color 73.6174, 64.5043,

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

73.6174, 64.5043, 103.1783

Protanopia

64.4037, 64.9630, 103.7524

Deuteranopia

66.3793, 64.9361, 101.9639



Tritanopia

67.6720, 64.4452, 74.5181

Trichromacy



Original Color

73.6174, 64.5043, 103.1783



Protanomaly

67.3744, 64.7019, 103.5454



Deuteranomaly

68.8287, 64.7690, 102.6399



Tritanomaly

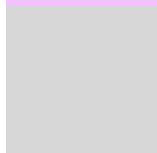
69.5429, 64.1622, 84.3205

Monochromacy



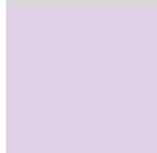
Original Color

73.6174, 64.5043, 103.1783



Achromatopsia

64.5905, 67.9542, 74.0022



Achromatomaly

67.3362, 66.1861, 84.0891

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.6174, 64.5043, 103.1783 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(241, 194, 255)` looks like.

```
.text, #text, p{  
    color:rgb(241, 194, 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(241, 194, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 194, 255) }
```

Border

The CSS property to change the border of an element to XYZ 73.6174, 64.5043, 103.1783 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(241, 194, 255) }
```


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

```
.border{ border-color:rgb(241, 194, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 194, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 194, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 194, 255);  
box-shadow:4px 4px 4px 4px rgb(241, 194,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 73.6174, 64.5043, 103.1783 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 194, 255) }
```

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

```
.background{ background-color: rgb(241,  
194, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor