

Converting Colors

XYZ(75.0375, 66.8822,
103.5624)

Have a look what the booklet for
XYZ(75.0375, 66.8822, 103.5624)
contains.

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Color

**XYZ(75.0914, 66.9441,
103.5715)**

Conversions

Conversions Part 1

Format	Color
Hex	F2C7FF
RGB	242, 199, 255
RGB Percent	95%, 78%, 100%
CMY	0.0510, 0.2196, 0.0000
CMYK	0.05, 0.22, 0.00, 0.00
HSL	286°, 100%, 89%
HSV	286°, 22%, 100%
XYZ	75.0914, 66.9441, 103.5715
YIQ	218.2410, 7.6520, 26.5320

Conversions

Conversions Part 2

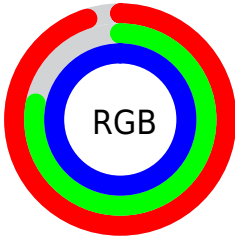
Format	Color
R_{YB}	242, 199, 255
Decimal	15910911
CIE _{Lab}	85.48, 24.83, -21.74
CIE _{LCh}	85, 33.000, 318.802
Yxy	66.9441, 0.3057, 0.2726
Android (android.graphics.Color)	4294100991 (0xFFFF2C7FF)
YUV	218.2410, 18.1222, 20.8366
Hunter-Lab	81.8194, 20.6381, -17.7790

Details

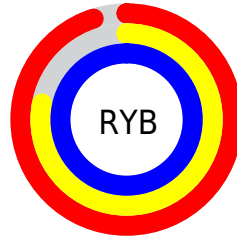
The XYZ color **75.0914, 66.9441, 103.5715** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **73.2218, 89.6413, 67.4794**, and the grayscale version is **66.6837, 70.1564, 76.4003**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.3260, 34.6423, 57.9873** is the 20% darker color. If you saturate the color by 10%, you get **67.7102, 55.1483, 101.6837**, and if you desaturate by 10%, it is **83.5252, 80.7454, 105.7909**.

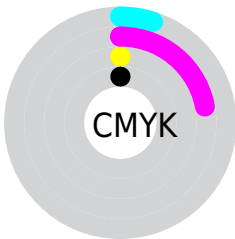
Distribution



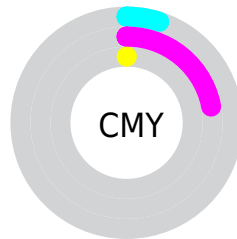
- Red (95%)
- Green (78%)
- Blue (100%)



- 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 75.0914, 66.9441, 103.5715 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 75.0914, 66.9441, 103.5715 by changing the saturation by 10% instead.


 75.0914, 66.9441,
103.5715

 75.0914, 66.9441,
103.5715


467.2240,
449.7458, 592.9277

 55.9822, 49.0392,
78.6531


125.4290,
114.8403, 168.1512

 40.4256, 34.6506,
58.0910

157.3880,
145.6004, 208.6496

 28.0562, 23.3938,
41.4667

194.3611,
181.4144, 255.1784

 18.5087, 14.8846,
28.3615

236.7135,
222.6666, 308.1562

 11.4177, 8.7384,
18.3569

284.8107,
269.7414, 368.0015

 6.4179, 4.5710,
11.0344

339.0179,

 3.1439, 1.9978,

323.0233, 435.1328

5.9755

399.7006,
382.8966, 509.9687

■ 1.2303, 0.6062,
2.7617

■ 0.1301, 0.0000,
0.9743

■ 75.0914, 66.9441,
103.5715

■ 75.0914, 66.9441,
103.5715

■ 67.7102, 55.1483,
101.6837

■ 83.5252, 80.7454,
105.7909

■ 61.3263, 45.2515,
100.1099

■ 93.0520, 96.6353,
108.3559

■ 55.8879, 37.1498,
98.8328

95.0500, 100.0000,
108.9000

■ 51.3359, 30.7259,
97.8327

■ 47.6039, 25.8484,
97.0880

■ 44.6160, 22.3659,
96.5733

■ 42.2803, 20.0959,
96.2582

■ 40.7648, 18.9299,
96.1130

Harmonies

Analogous

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



68.3838, 66.9441, 119.3205



75.0914, 66.9441, 103.5715



78.8270, 66.9441, 81.1971

Triad

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



75.0914, 66.9441, 103.5715



66.4662, 66.9441, 39.4555



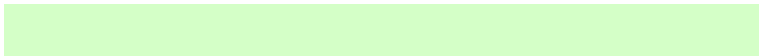
50.9459, 66.9441, 87.0086

Complementary

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



75.0914, 66.9441, 103.5715



73.2218, 89.6413, 67.4794

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.



50.5208, 66.9441, 65.1711



75.0914, 66.9441, 103.5715



59.0987, 66.9441, 40.4034

Square

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



75.0914, 66.9441, 103.5715



73.5932, 66.9441, 46.0526



53.3956, 66.9441, 48.9598



54.6063, 66.9441, 108.5377

Rectangle

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



75.0914, 66.9441, 103.5715



78.9476, 66.9441, 66.7596



53.3956, 66.9441, 48.9598



50.4313, 66.9441, 79.3862

Sweetspot

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



75.0933, 66.9469, 103.5719



88.1096, 88.3579, 107.0186



65.1658, 66.4852, 104.0061



18.7365, 18.7079, 22.8734



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.



75.0933, 66.9469, 103.5719



71.9860, 61.9433, 102.7699



77.4029, 68.4046, 91.6149



18.3562, 18.0754, 22.7714



21.4382, 9.9623, 50.2276



2.1826, 1.0191, 4.8949

Inverse Universe

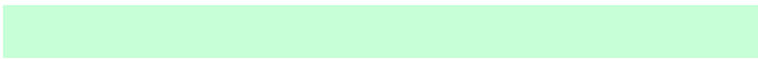
The Inverse Universe completely reimagines the original color for something new.



73.5487, 66.8629, 71.3189



70.2830, 61.8902, 65.4252



71.4442, 88.5147, 76.8958



18.1821, 18.0562, 19.5761



22.0109, 11.2936, 3.4417



2.1829, 1.1155, 0.5447

Previews

White Background



This preview shows how the XYZ color 75.0914, 66.9441, 103.5715 looks on a white background.

Color Contrast Check

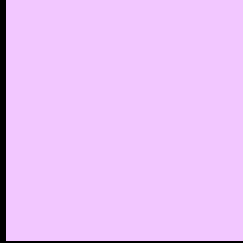
Large Text (above 18pt) WCAG AA × Fail

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 75.0914, 66.9441, 103.5715 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

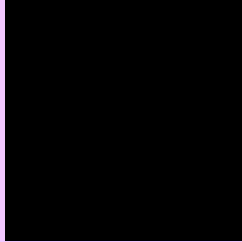
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 75.0914, 66.9441, 103.5715

Background



This preview shows how black text looks on a background with the XYZ color 75.0914, 66.9441, 103.5715.

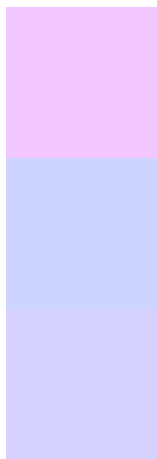


This preview shows how white text looks on a background with the XYZ color 75.0914, 66.9441,

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

75.0914, 66.9441, 103.5715

Protanopia

66.4953, 67.1443, 104.0632

Deuteranopia

68.5544, 67.1399, 102.2746



Tritanopia

69.8075, 66.8876, 77.6380

Trichromacy



Original Color

75.0914, 66.9441, 103.5715

Protanomaly

69.2763, 66.7511, 103.8407

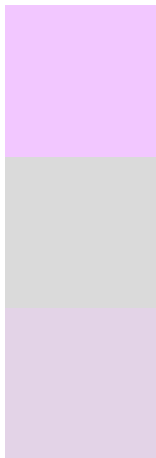
Deuteranomaly

70.7721, 66.8260, 102.9345

Tritanomaly

71.6605, 66.9458, 86.2357

Monochromacy



Original Color

75.0914, 66.9441, 103.5715

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 75.0914, 66.9441, 103.5715 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, 199, 255)` looks like.

```
.text, #text, p{  
    color:rgb(242, 199, 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, 199, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 199, 255) }
```

Border

The CSS property to change the border of an element to XYZ 75.0914, 66.9441, 103.5715 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, 199, 255) }
```


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

```
.border{ border-color:rgb(242, 199, 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, 199, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 199, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 199, 255);  
box-shadow:4px 4px 4px 4px rgb(242, 199,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 75.0914, 66.9441, 103.5715 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 199, 255) }
```

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

```
.background{ background-color: rgb(242,  
199, 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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