

Converting Colors

XYZ(107.0641, 80.8033,
270.8446)

Have a look what the booklet for
XYZ(107.0641, 80.8033, 270.8446)
contains.

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Color

**XYZ(75.4462, 68.1618,
103.7878)**

Conversions

Conversions Part 1

Format	Color
Hex	F1CAFF
RGB	241, 202, 255
RGB Percent	95%, 79%, 100%
CMY	0.0549, 0.2078, 0.0000
CMYK	0.05, 0.21, 0.00, 0.00
HSL	284°, 100%, 90%
HSV	284°, 21%, 100%
XYZ	75.4462, 68.1618, 103.7878
YIQ	219.7030, 6.2310, 24.7510

Conversions

Conversions Part 2

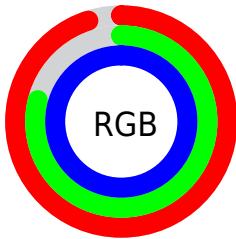
Format	Color
R _Y B	241, 202, 255
Decimal	15846143
CIE Lab	86.09, 22.92, -20.82
CIE LCh	86, 30.964, 317.753
Yxy	68.1618, 0.3050, 0.2755
Android (android.graphics.Color)	4294036223 (0xFFFF1CAFF)
YUV	219.7030, 17.4014, 18.6775
Hunter-Lab	82.5602, 18.6389, -16.7424

Details

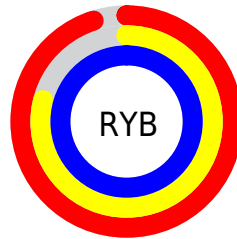
The XYZ color **75.4462, 68.1618, 103.7878** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **74.7411, 90.3839, 69.3869**, and the grayscale version is **67.7018, 71.2276, 77.5668**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.7905, 35.5713, 58.1421** is the 20% darker color. If you saturate the color by 10%, you get **67.6939, 56.0068, 101.8503**, and if you desaturate by 10%, it is **84.2759, 82.3435, 106.0598**.

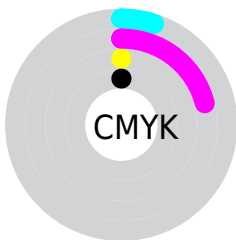
Distribution



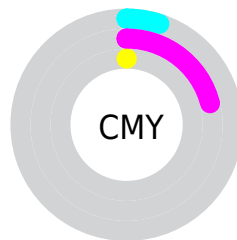
- Red (95%)
- Green (79%)
- Blue (100%)



- Red (95%)
- Yellow (79%)
- Blue (100%)



- Cyan (5%)
- Magenta (21%)
- Yellow (0%)
- Black (0%)



- Cyan (5%)
- Magenta (21%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 75.4462, 68.1618, 103.7878 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 75.4462, 68.1618, 103.7878 by changing the saturation by 10% instead.

75.4462, 68.1618,
103.7878

75.4462, 68.1618,
103.7878

468.4234,
454.0691, 593.6197

56.2740, 50.0294,
78.8332

125.9283,
116.5836, 168.4499

40.6605, 35.4367,
58.2382

157.9689,
147.6417, 208.9945

28.2404, 23.9995,
41.5842

195.0297,
183.7772, 255.5729

18.6483, 15.3332,
28.4527

237.4759,
225.3745, 308.6035

11.5189, 9.0536,
18.4252

285.6731,
272.8179, 368.5050

6.4869, 4.7762,
11.0831

339.9865,

3.1868, 2.1165,

326.4919, 435.6958

6.0079

400.7815,
386.7808, 510.5945

■ 1.2533, 0.6739,
2.7810

■ 0.1478, 0.0000,
0.9839

■ 75.4462, 68.1618,
103.7878

■ 75.4462, 68.1618,
103.7878

■ 67.6939, 56.0068,
101.8503

■ 84.2759, 82.3435,
106.0598

■ 60.9638, 45.7723,
100.2295

■ 94.2233, 98.6340,
108.6799

■ 55.2044, 37.3556,
98.9085

■ 95.0500, 100.0000,
108.9000

■ 50.3568, 30.6406,
97.8679

■ 46.3556, 25.4975,
97.0860

■ 43.1257, 21.7777,
96.5383

■ 40.5772, 19.3031,
96.1950

■ 38.7018, 17.8664,
96.0165

Harmonies

Analogous

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



69.0460, 68.1618, 118.1182



75.4462, 68.1618, 103.7878



79.0910, 68.1618, 82.8391

Triad

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



75.4462, 68.1618, 103.7878



67.7304, 68.1618, 42.1432



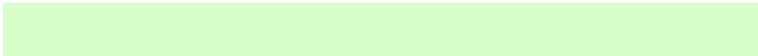
52.6141, 68.1618, 86.8115

Complementary

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



75.4462, 68.1618, 103.7878



74.7411, 90.3839, 69.3869

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.



52.3186, 68.1618, 66.2142



75.4462, 68.1618, 103.7878



60.7045, 68.1618, 42.8145

Square

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



75.4462, 68.1618, 103.7878



74.4226, 68.1618, 48.8342



55.1800, 68.1618, 50.8747



56.0189, 68.1618, 107.1505

Rectangle

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



75.4462, 68.1618, 103.7878



79.3039, 68.1618, 69.0572



55.1800, 68.1618, 50.8747



52.1573, 68.1618, 79.6268

Sweetspot

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



75.4481, 68.1646, 103.7883



88.8906, 89.8652, 107.2684



66.9995, 68.9593, 104.3870



18.8881, 19.0088, 22.9235



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.



75.4481, 68.1646, 103.7883



72.0495, 62.7958, 102.9311



78.4843, 69.9525, 93.8706



18.2970, 18.0449, 22.7686



20.3708, 9.4120, 50.1776



2.0865, 0.9696, 4.8904

Inverse Universe

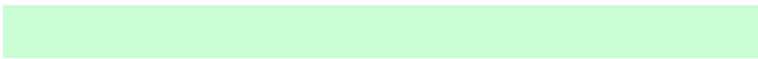
The Inverse Universe completely reimagines the original color for something new.



74.7568, 68.4615, 74.2421



71.3215, 63.1892, 68.1694



72.3035, 88.9513, 77.2253



18.2063, 18.0658, 19.7037



22.1357, 11.3436, 4.0992



2.1980, 1.1216, 0.6244

Previews

White Background



This preview shows how the XYZ color 75.4462, 68.1618, 103.7878 looks on a white background.

Color Contrast Check

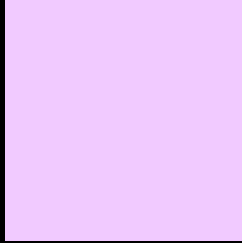
Large Text (above 18pt) WCAG AA × Fail

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 75.4462, 68.1618, 103.7878 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 75.4462, 68.1618, 103.7878

Background



This preview shows how black text looks on a background with the XYZ color 75.4462, 68.1618, 103.7878.

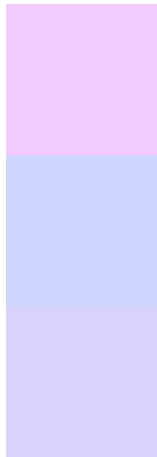


This preview shows how white text looks on a background with the XYZ color 75.4462, 68.1618,

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

75.4462, 68.1618, 103.7878

Protanopia

67.5502, 68.4349, 104.2567

Deuteranopia

69.6897, 68.0905, 102.3982



Tritanopia

70.6025, 68.3264, 79.9882

Trichromacy



Original Color

75.4462, 68.1618, 103.7878

Protanomaly

70.3100, 68.3733, 104.0994

Deuteranomaly

71.5662, 67.9502, 103.1097

Tritanomaly

72.3266, 68.3179, 87.9719

Monochromacy



Original Color

75.4462, 68.1618, 103.7878

Achromatopsia

68.0267, 71.5694, 77.9390

Achromatomaly

70.4971, 69.9657, 86.8799

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.4462, 68.1618, 103.7878 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, 202, 255)` looks like.

```
.text, #text, p{  
    color:rgb(241, 202, 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, 202, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 202, 255) }
```

Border

The CSS property to change the border of an element to XYZ 75.4462, 68.1618, 103.7878 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, 202, 255) }
```


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

```
.border{ border-color:rgb(241, 202, 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, 202, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 202, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 202, 255);  
box-shadow:4px 4px 4px 4px rgb(241, 202,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 75.4462, 68.1618, 103.7878 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 202, 255) }
```

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

```
.background{ background-color: rgb(241,  
202, 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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