

Converting Colors

XYZ(74.9315, 68.6053,
103.9006)

Have a look what the booklet for
XYZ(74.9315, 68.6053, 103.9006)
contains.

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Color

**XYZ(74.9028, 68.5829,
103.8978)**

Conversions

Conversions Part 1

Format	Color
Hex	EECCFF
RGB	238, 204, 255
RGB Percent	93%, 80%, 100%
CMY	0.0667, 0.2000, 0.0000
CMYK	0.07, 0.20, 0.00, 0.00
HSL	280°, 100%, 90%
HSV	280°, 20%, 100%
XYZ	74.9028, 68.5829, 103.8978
YIQ	219.9800, 3.8930, 23.0690

Conversions

Conversions Part 2

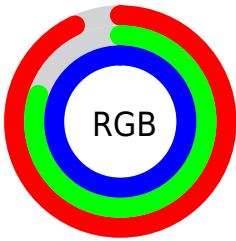
Format	Color
R _Y B	238, 204, 255
Decimal	15650047
CIE Lab	86.30, 20.90, -20.53
CIE LCh	86, 29.295, 315.521
Yxy	68.5829, 0.3028, 0.2772
Android (android.graphics.Color)	4293840127 (0xFFEECCFF)
YUV	219.9800, 17.2649, 15.8035
Hunter-Lab	82.8148, 16.5205, -16.4137

Details

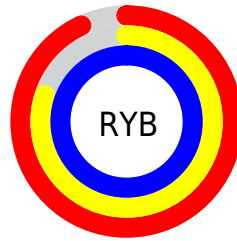
The XYZ color **74.9028, 68.5829, 103.8978** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **76.4795, 91.2525, 70.7127**, and the grayscale version is **67.8968, 71.4327, 77.7902**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.3908, 35.8350, 58.2141** is the 20% darker color. If you saturate the color by 10%, you get **66.5447, 56.0030, 101.9101**, and if you desaturate by 10%, it is **84.3917, 83.2224, 106.2233**.

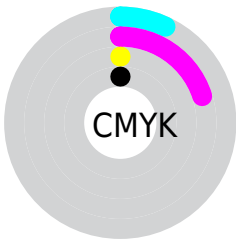
Distribution



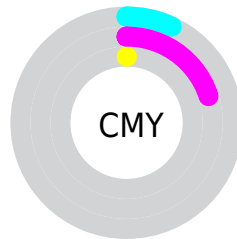
- Red (93%)
- Green (80%)
- Blue (100%)



- Red (93%)
- Yellow (80%)
- Blue (100%)



- Cyan (7%)
- Magenta (20%)
- Yellow (0%)
- Black (0%)



- Cyan (7%)
- Magenta (20%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.9028, 68.5829, 103.8978 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 74.9028, 68.5829, 103.8978 by changing the saturation by 10% instead.

74.9028, 68.5829,
103.8978

74.9028, 68.5829,
103.8978

466.5857,
455.5585, 593.9715

55.8272, 50.3721,
78.9248

125.1634,
117.1856, 168.6018

40.3008, 35.7091,
58.3130

157.0791,
148.3464, 209.1699

27.9584, 24.2096,
41.6440

194.0055,
184.5925, 255.7735

18.4346, 15.4892,
28.4991

236.3080,
226.3085, 308.8310

11.3640, 9.1634,
18.4599

284.3519,
273.8787, 368.7610

6.3813, 4.8479,
11.1079

338.5026,

3.1212, 2.1583,

327.6875, 435.9820

6.0243

399.1254,
388.1193, 510.9127

■ 1.2182, 0.6971,
2.7909

■ 0.1206, 0.0000,
0.9889

■ 74.9028, 68.5829,
103.8978

■ 74.9028, 68.5829,
103.8978

■ 66.5447, 56.0030,
101.9101

■ 84.3917, 83.2224,
106.2233

■ 59.2616, 45.3767,
100.2429

95.0500, 100.0000,
108.9000

■ 53.0013, 36.6014,
98.8791

■ 47.7045, 29.5615,
97.7994

■ 43.3052, 24.1280,
96.9825

■ 39.7283, 20.1533,
96.4038

■ 36.8843, 17.4617,
96.0342

■ 34.6283, 15.7665,
95.8259

■ 34.6279, 15.7662,
95.8258

Harmonies

Analogous

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



68.7250, 68.5829, 116.5721



74.9028, 68.5829, 103.8978



78.5926, 68.5829, 84.3701

Triad

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



74.9028, 68.5829, 103.8978



68.4887, 68.5829, 44.1304



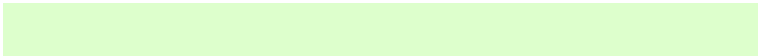
53.4515, 68.5829, 85.0815

Complementary

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



74.9028, 68.5829, 103.8978



76.4795, 91.2525, 70.7127

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.



53.3979, 68.5829, 65.7529



74.9028, 68.5829, 103.8978



61.7706, 68.5829, 44.2539

Square

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



74.9028, 68.5829, 103.8978



74.7196, 68.5829, 51.1475



56.3481, 68.5829, 51.5205



56.4999, 68.5829, 104.4956

Rectangle

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



74.9028, 68.5829, 103.8978



78.9924, 68.5829, 71.1518



56.3481, 68.5829, 51.5205



53.0900, 68.5829, 78.3128

Sweetspot

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



74.9047, 68.5857, 103.8982



88.5104, 89.6692, 107.2506



68.8107, 71.7729, 104.8346



18.7981, 18.9624, 22.9193



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.



74.9047, 68.5857, 103.8982



71.4264, 63.3088, 103.0630



79.5457, 71.1329, 97.1299



18.1699, 17.9793, 22.7626



18.2587, 8.3232, 50.0788



1.8938, 0.8702, 4.8814

Inverse Universe

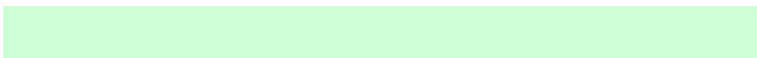
The Inverse Universe completely reimagines the original color for something new.



75.8857, 69.6689, 77.8567



72.6504, 64.6199, 72.3959



72.6107, 89.1371, 75.9997



18.2591, 18.0869, 19.9815



22.4671, 11.4761, 5.8441



2.2358, 1.1367, 0.8232

Previews

White Background



This preview shows how the XYZ color 74.9028, 68.5829, 103.8978 looks on a white background.

Color Contrast Check

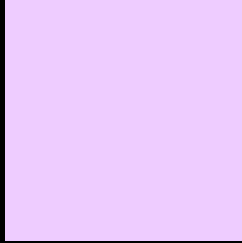
Large Text (above 18pt) WCAG AA × Fail

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 74.9028, 68.5829, 103.8978 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

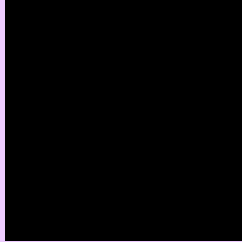
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 74.9028, 68.5829, 103.8978

Background



This preview shows how black text looks on a background with the XYZ color 74.9028, 68.5829, 103.8978.

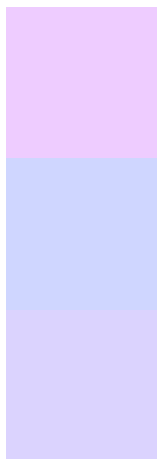


This preview shows how white text looks on a background with the XYZ color 74.9028, 68.5829,

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

74.9028, 68.5829, 103.8978

Protanopia

67.8287, 68.5785, 104.2698

Deuteranopia

70.3971, 68.8044, 103.3362



Tritanopia

70.1322, 68.4156, 81.4607

Trichromacy



Original Color

74.9028, 68.5829, 103.8978

Protanomaly

70.0100, 68.2186, 104.0853

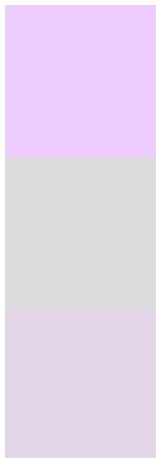
Deuteranomaly

71.8093, 68.4363, 103.1907

Tritanomaly

71.8598, 68.4022, 89.5363

Monochromacy



Original Color

74.9028, 68.5829, 103.8978

Achromatopsia

68.0267, 71.5694, 77.9390

Achromatomaly

70.4331, 70.3072, 86.9492

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.9028, 68.5829, 103.8978 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(238, 204, 255)` looks like.

```
.text, #text, p{  
    color:rgb(238, 204, 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(238, 204, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 204, 255) }
```

Border

The CSS property to change the border of an element to XYZ 74.9028, 68.5829, 103.8978 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(238, 204, 255) }
```


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

```
.border{ border-color:rgb(238, 204, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 204, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 204, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 204, 255);  
box-shadow:4px 4px 4px 4px rgb(238, 204,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 74.9028, 68.5829, 103.8978 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 204, 255) }
```

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

```
.background{ background-color: rgb(238,  
204, 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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