

Converting Colors

XYZ(74.6594, 68.4006, 93.2479)

Have a look what the booklet for
XYZ(74.6594, 68.4006, 93.2479)
contains.

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Color

**XYZ(74.6912, 68.3558,
93.2617)**

Conversions

Conversions Part 1

Format	Color
Hex	F4CBF2
RGB	244, 203, 242
RGB Percent	96%, 80%, 95%
CMY	0.0431, 0.2039, 0.0510
CMYK	0.00, 0.17, 0.01, 0.04
HSL	303°, 65%, 88%
HSV	303°, 17%, 96%
XYZ	74.6912, 68.3558, 93.2617
YIQ	219.7050, 11.9170, 20.8210

Conversions

Conversions Part 2

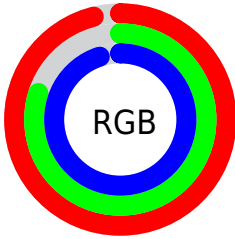
Format	Color
R_{YB}	244, 203, 242
Decimal	16042994
CIE _{Lab}	86.18, 20.95, -13.76
CIE _{LCh}	86, 25.067, 326.712
Yxy	68.3558, 0.3161, 0.2893
Android (android.graphics.Color)	4294233074 (0xFFFF4CBF2)
YUV	219.7050, 10.9914, 21.3067
Hunter-Lab	82.6776, 16.5718, -9.0058

Details

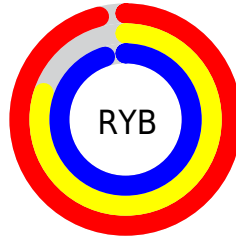
The XYZ color **74.6912, 68.3558, 93.2617** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **68.0015, 81.8077, 69.9678**, and the grayscale version is **67.7437, 71.2717, 77.6148**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.1039, 35.6049, 51.2131** is the 20% darker color. If you saturate the color by 10%, you get **69.1988, 57.6552, 90.5522**, and if you desaturate by 10%, it is **81.0956, 80.8764, 96.2825**.

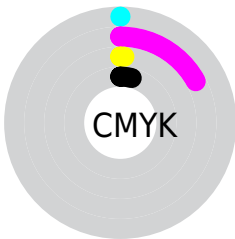
Distribution



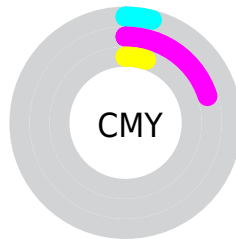
- Red (96%)
- Green (80%)
- Blue (95%)



- Red (96%)
- Yellow (80%)
- Blue (95%)



- Cyan (0%)
- Magenta (17%)
- Yellow (1%)
- Black (4%)



- Cyan (4%)
- Magenta (20%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.6912, 68.3558, 93.2617 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 74.6912, 68.3558, 93.2617 by changing the saturation by 10% instead.

74.6912, 68.3558,
93.2617

74.6912, 68.3558,
93.2617

465.8691,
454.7556, 559.4264

55.6532, 50.1872,
70.1002

124.8654,
116.8610, 153.8357

40.1609, 35.5622,
51.1309

156.7323,
147.9664, 192.0853

27.8488, 24.0963,
35.9353

193.6063,
184.1529, 236.2013

18.3516, 15.4050,
24.0950

235.8527,
225.8049, 286.6022

11.3039, 9.1041,
15.1912

283.8367,
273.3068, 343.7067

6.3404, 4.8092,
8.8056

337.9239,

3.0958, 2.1357,

327.0429, 407.9332

4.5195

398.4796,
387.3977, 479.7002

■ 1.2046, 0.6846,
1.9145

■ 0.1100, 0.0000,
0.5019

■ 74.6912, 68.3558,
93.2617

■ 74.6912, 68.3558,
93.2617

■ 69.1988, 57.6552,
90.5522

■ 81.0956, 80.8764,
96.2825

■ 64.5701, 48.6811,
88.1356

■ 88.4456, 95.2873,
99.6234

■ 60.7613, 41.3452,
85.9980

■ 89.6379, 97.3810,
100.9176

■ 57.7227, 35.5476,
84.1229

■ 89.8208, 97.4542,
101.8811

■ 55.3989, 31.1779,
82.4917

■ 90.0050, 97.5279,
102.8507

■ 53.7273, 28.1106,
81.0836

■ 90.1903, 97.6020,
103.8266

■ 52.6343, 26.1988,
79.8741

■ 90.3768, 97.6766,
104.8086

■ 52.0268, 25.2561,
78.8320

■ 90.5644, 97.7516,
105.7969

■ 51.8879, 25.0650,
78.5184

■ 90.7533, 97.8272,
106.7913

Harmonies

Analogous

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



70.0852, 68.3558, 106.5667



74.6912, 68.3558, 93.2617



76.6861, 68.3558, 76.2650

Triad

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



74.6912, 68.3558, 93.2617



65.6085, 68.3558, 47.0026



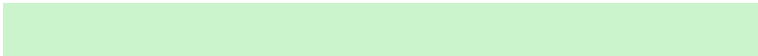
55.5562, 68.3558, 89.6413

Complementary

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



74.6912, 68.3558, 93.2617



68.0015, 81.8077, 69.9678

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.



54.5127, 68.3558, 72.6205



74.6912, 68.3558, 93.2617



60.1102, 68.3558, 49.5029

Square

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



74.6912, 68.3558, 93.2617



71.2507, 68.3558, 50.9043



56.1314, 68.3558, 58.3173



59.0699, 68.3558, 104.2686

Rectangle

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



74.6912, 68.3558, 93.2617



76.1843, 68.3558, 65.6609



56.1314, 68.3558, 58.3173



54.9143, 68.3558, 83.9424

Sweetspot

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



74.6932, 68.3588, 93.2632



91.0166, 92.0932, 107.0622



62.6906, 62.1363, 94.2786



19.3645, 19.4830, 22.8620



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.



74.6932, 68.3588, 93.2632



80.4847, 71.5065, 102.0811



71.8692, 67.2292, 78.3922



17.1766, 16.7535, 20.6768



28.2286, 13.6349, 42.7739



2.4916, 1.2026, 3.8151

Inverse Universe

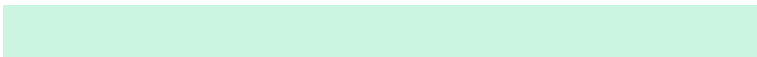
The Inverse Universe completely reimagines the original color for something new.



74.6932, 68.3588, 93.2632



80.4847, 71.5065, 102.0811



70.5542, 82.8288, 83.4103



17.1766, 16.7535, 20.6768



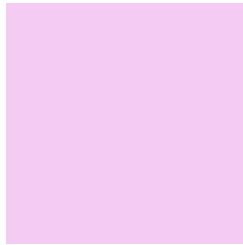
28.2286, 13.6349, 42.7739



2.4916, 1.2026, 3.8151

Previews

White Background



This preview shows how the XYZ color 74.6912, 68.3558, 93.2617 looks on a white background.

Color Contrast Check

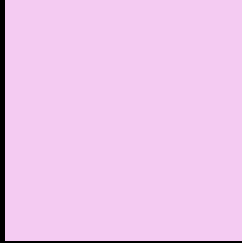
Large Text (above 18pt) WCAG AA × Fail

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 74.6912, 68.3558, 93.2617 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

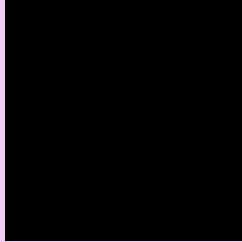
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 74.6912, 68.3558, 93.2617

Background



This preview shows how black text looks on a background with the XYZ color 74.6912, 68.3558, 93.2617.



This preview shows how white text looks on a background with the XYZ color 74.6912, 68.3558,

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

74.6912, 68.3558, 93.2617

Protanopia

67.7238, 68.6343, 99.3009

Deuteranopia

69.9751, 68.4516, 92.7435



Tritanopia

71.5318, 68.1173, 78.4851

Trichromacy



Original Color

74.6912, 68.3558, 93.2617

Protanomaly

69.8053, 68.2766, 96.6883

Deuteranomaly

71.4687, 68.1323, 92.6031

Tritanomaly

72.5921, 68.1970, 83.4661

Monochromacy



Original Color

74.6912, 68.3558, 93.2617

Achromatopsia

68.0267, 71.5694, 77.9390

Achromatomaly

70.3633, 70.3526, 83.2697

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.6912, 68.3558, 93.2617 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(244, 203, 242)` looks like.

```
.text, #text, p{  
    color:rgb(244, 203, 242)  
}
```

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(244, 203, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 203, 242) }
```

Border

The CSS property to change the border of an element to XYZ 74.6912, 68.3558, 93.2617 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(244, 203, 242) }
```


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

```
.border{ border-color:rgb(244, 203, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 203, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 203, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 203, 242);  
box-shadow:4px 4px 4px 4px rgb(244, 203,  
242) }
```

Background

The CSS property to change the background color of an element to XYZ 74.6912, 68.3558, 93.2617 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 203, 242) }
```

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

```
.background{ background-color: rgb(244,  
203, 242) }
```

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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