

Converting Colors

XYZ(108.2492, 85.2613,
258.9687)

Have a look what the booklet for
XYZ(108.2492, 85.2613, 258.9687)
contains.

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Color

**XYZ(78.9017, 73.5401,
104.6438)**

Conversions

Conversions Part 1

Format	Color
Hex	F4D4FF
RGB	244, 212, 255
RGB Percent	96%, 83%, 100%
CMY	0.0431, 0.1686, 0.0000
CMYK	0.04, 0.17, 0.00, 0.00
HSL	285°, 100%, 92%
HSV	285°, 17%, 100%
XYZ	78.9017, 73.5401, 104.6438
YIQ	226.4700, 5.2690, 20.1570

Conversions

Conversions Part 2

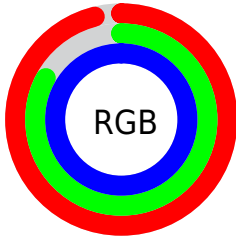
Format	Color
R_{YB}	244, 212, 255
Decimal	16045311
CIE _{Lab}	88.70, 18.60, -16.84
CIE _{LCh}	89, 25.095, 317.838
Yxy	73.5401, 0.3069, 0.2861
Android (android.graphics.Color)	4294235391 (0xFFFF4D4FF)
YUV	226.4700, 14.0653, 15.3738
Hunter-Lab	85.7555, 14.1616, -12.3202

Details

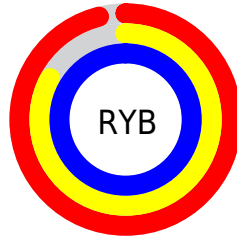
The XYZ color **78.9017, 73.5401, 104.6438** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **78.0770, 91.9623, 75.9265**, and the grayscale version is **72.5294, 76.3066, 83.0978**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.9891, 38.8825, 58.6654** is the 20% darker color. If you saturate the color by 10%, you get **70.8007, 60.6383, 102.5805**, and if you desaturate by 10%, it is **88.0935, 88.5026, 107.0474**.

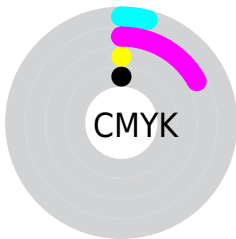
Distribution



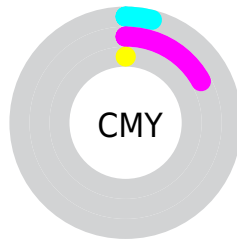
- Red (96%)
- Green (83%)
- Blue (100%)



- Red (96%)
- Yellow (83%)
- Blue (100%)



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 78.9017, 73.5401, 104.6438 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 78.9017, 73.5401, 104.6438 by changing the saturation by 10% instead.

78.9017, 73.5401,
104.6438

78.9017, 73.5401,
104.6438

480.0168,
472.8846, 596.3541

59.1203, 54.4177,
79.5460

130.7791,
124.2437, 169.6316

42.9567, 38.9357,
58.8208

163.6059,
156.5936, 210.3588

30.0456, 26.7097,
42.0499

201.5119,
194.1215, 257.1327

20.0214, 17.3553,
28.8145

244.8623,
237.2118, 310.3721

12.5190, 10.4882,
18.6961

294.0227,
286.2489, 370.4953

7.1729, 5.7238,
11.2763

349.3584,

3.6177, 2.6779,

341.6171, 437.9211

6.1365

411.2346,
403.7009, 513.0678

■ 1.4882, 0.9660,
2.8581

■ 0.3178, 0.0000,
1.0227

■ 78.9017, 73.5401,
104.6438

■ 78.9017, 73.5401,
104.6438

■ 70.8007, 60.6383,
102.5805

■ 88.0935, 88.5026,
107.0474

■ 63.7365, 49.6932,
100.8402

95.0500, 100.0000,
108.9000

■ 57.6594, 40.6059,
99.4065

■ 52.5129, 33.2646,
98.2607

■ 48.2346, 27.5455,
97.3823

■ 44.7534, 23.3082,
96.7479

■ 41.9865, 20.3881,
96.3301

■ 39.8289, 18.5764,
96.0941

■ 39.2277, 18.1375,
96.0411

Harmonies

Analogous

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



73.5306, 73.5401, 116.2526



78.9017, 73.5401, 104.6438



81.9267, 73.5401, 87.3160

Triad

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



78.9017, 73.5401, 104.6438



72.3831, 73.5401, 51.6640



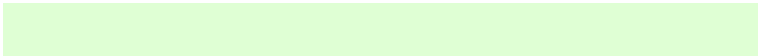
59.3754, 73.5401, 90.7436

Complementary

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



78.9017, 73.5401, 104.6438



78.0770, 91.9623, 75.9265

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.



59.1078, 73.5401, 73.2414



78.9017, 73.5401, 104.6438



66.3864, 73.5401, 52.3057

Square

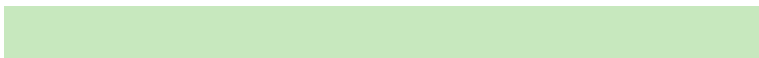
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



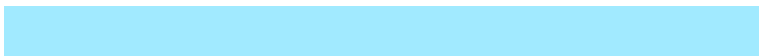
78.9017, 73.5401, 104.6438



78.0199, 73.5401, 57.7830



61.6061, 73.5401, 59.6845



62.3596, 73.5401, 107.4635

Rectangle

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



78.9017, 73.5401, 104.6438



82.0967, 73.5401, 75.6046



61.6061, 73.5401, 59.6845



58.9712, 73.5401, 84.7134

Sweetspot

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



78.9037, 73.5432, 104.6443



89.9268, 91.5198, 107.5332



71.7166, 74.2451, 105.1586



19.0988, 19.3432, 22.9769



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.



78.9037, 73.5432, 104.6443



76.2450, 69.2748, 103.9606



81.2614, 74.9404, 96.5426



18.3124, 18.0528, 22.7693



20.6431, 9.5524, 50.1904



2.1111, 0.9822, 4.8916

Inverse Universe

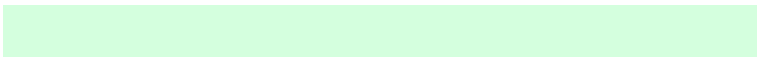
The Inverse Universe completely reimagines the original color for something new.



78.1047, 73.6777, 79.9194



75.3633, 69.4579, 75.1117



76.1028, 90.7938, 82.6476



18.2000, 18.0633, 19.6705



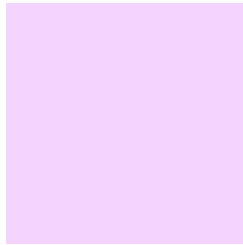
22.1015, 11.3299, 3.9192



2.1940, 1.1200, 0.6029

Previews

White Background



This preview shows how the XYZ color 78.9017, 73.5401, 104.6438 looks on a white background.

Color Contrast Check

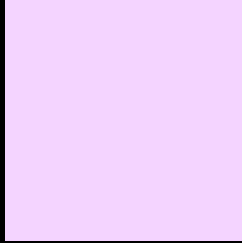
Large Text (above 18pt) WCAG AA × Fail

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 78.9017, 73.5401, 104.6438 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

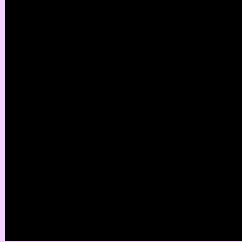
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 78.9017, 73.5401, 104.6438

Background



This preview shows how black text looks on a background with the XYZ color 78.9017, 73.5401, 104.6438.



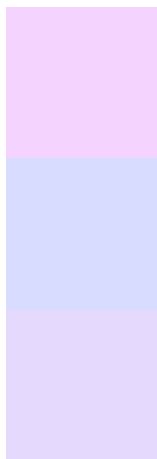
This preview shows how white text looks on a background with the XYZ color 78.9017, 73.5401,

104.6438.

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

78.9017, 73.5401, 104.6438

Protanopia

72.2254, 73.5318, 104.9941

Deuteranopia

75.3354, 73.6045, 104.0024



Tritanopia

75.5395, 73.6957, 87.3341

Trichromacy



Original Color

78.9017, 73.5401, 104.6438

Protanomaly

74.4854, 73.5316, 104.8749

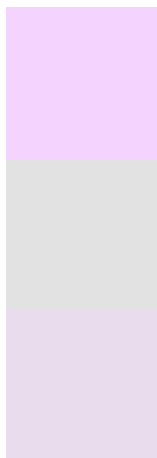
Deuteranomaly

76.4508, 73.4188, 103.9078

Tritanomaly

76.7956, 73.8290, 93.4219

Monochromacy



Original Color

78.9017, 73.5401, 104.6438

Achromatopsia

72.2879, 76.0525, 82.8211

Achromatomaly

74.7468, 75.1510, 90.6868

CSS Examples

Text

The CSS property to change the color of the text to XYZ 78.9017, 73.5401, 104.6438 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, 212, 255)` looks like.

```
.text, #text, p{  
    color:rgb(244, 212, 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(244, 212, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 212, 255) }
```

Border

The CSS property to change the border of an element to XYZ 78.9017, 73.5401, 104.6438 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, 212, 255) }
```


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

```
.border{ border-color:rgb(244, 212, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 212, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 212, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 212, 255);  
box-shadow:4px 4px 4px 4px rgb(244, 212,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 78.9017, 73.5401, 104.6438 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 212, 255) }
```

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

```
.background{ background-color: rgb(244,  
212, 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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