

Converting Colors

XYZ(83.8585, 73.8619,
136.0820)

Have a look what the booklet for
XYZ(83.8585, 73.8619, 136.0820)
contains.

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Color

**XYZ(77.9141, 71.5648,
104.3146)**

Conversions

Conversions Part 1

Format	Color
Hex	F4D0FF
RGB	244, 208, 255
RGB Percent	96%, 82%, 100%
CMY	0.0431, 0.1843, 0.0000
CMYK	0.04, 0.18, 0.00, 0.00
HSL	286°, 100%, 91%
HSV	286°, 18%, 100%
XYZ	77.9141, 71.5648, 104.3146
YIQ	224.1220, 6.3690, 22.2490

Conversions

Conversions Part 2

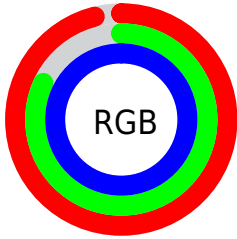
Format	Color
R_{YB}	244, 208, 255
Decimal	16044287
CIE _{Lab}	87.76, 20.71, -18.27
CIE _{LCh}	88, 27.616, 318.585
Yxy	71.5648, 0.3070, 0.2820
Android (android.graphics.Color)	4294234367 (0xFFFF4D0FF)
YUV	224.1220, 15.2229, 17.4330
Hunter-Lab	84.5960, 16.3581, -13.8928

Details

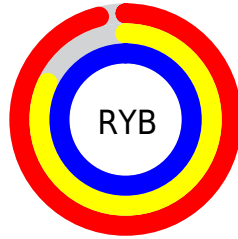
The XYZ color **77.9141, 71.5648, 104.3146** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **76.3602, 91.1349, 73.2441**, and the grayscale version is **70.8319, 74.5207, 81.1530**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.0778, 37.4245, 58.4320** is the 20% darker color. If you saturate the color by 10%, you get **70.1530, 59.0663, 102.3112**, and if you desaturate by 10%, it is **86.7456, 86.1027, 106.6552**.

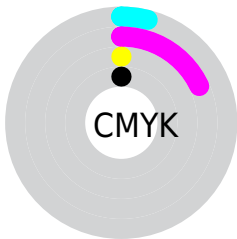
Distribution



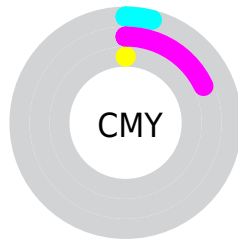
- Red (96%)
- Green (82%)
- Blue (100%)



- Red (96%)
- Yellow (82%)
- Blue (100%)



- Cyan (4%)
- Magenta (18%)
- Yellow (0%)
- Black (0%)



- Cyan (4%)
- Magenta (18%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 77.9141, 71.5648, 104.3146 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 77.9141, 71.5648, 104.3146 by changing the saturation by 10% instead.

77.9141, 71.5648,
104.3146

77.9141, 71.5648,
104.3146

476.7193,
466.0254, 595.3033

58.3060, 52.8032,
79.2718

129.3950,
121.4376, 169.1773

42.2989, 37.6457,
58.5967

161.9985,
153.3176, 209.8343

29.5275, 25.7078,
41.8707

199.6645,
190.3392, 256.5331

19.6265, 16.6052,
28.6752

242.7584,
232.8869, 309.6923

12.2305, 9.9534,
18.5918

291.6454,
281.3449, 369.7303

6.9742, 5.3681,
11.2019

346.6910,

3.4922, 2.4648,

336.0978, 437.0658

6.0869

408.2605,
397.5298, 512.1173

■ 1.4191, 0.8589,
2.8284

■ 0.2697, 0.0000,
1.0077

■ 77.9141, 71.5648,
104.3146

■ 77.9141, 71.5648,
104.3146

■ 70.1530, 59.0663,
102.3112

■ 86.7456, 86.1027,
106.6552

■ 63.4082, 48.5027,
100.6277

95.0500, 100.0000,
108.9000

■ 57.6294, 39.7734,
99.2474

■ 52.7595, 32.7653,
98.1513

■ 48.7351, 27.3524,
97.3186

■ 45.4839, 23.3912,
96.7254

■ 42.9207, 20.7121,
96.3434

■ 40.9262, 19.0777,
96.1330

■ 40.6392, 18.8652,
96.1072

Harmonies

Analogous

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



72.1156, 71.5648, 117.3761



77.9141, 71.5648, 104.3146



81.1341, 71.5648, 85.2846

Triad

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



77.9141, 71.5648, 104.3146



70.5447, 71.5648, 47.6314



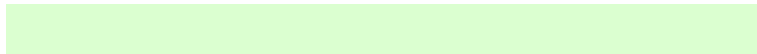
56.7622, 71.5648, 89.9982

Complementary

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



77.9141, 71.5648, 104.3146



76.3602, 91.1349, 73.2441

Split Complementary

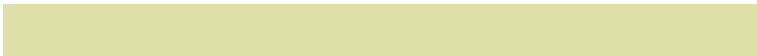
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



56.4014, 71.5648, 70.9956



77.9141, 71.5648, 104.3146



64.0828, 71.5648, 48.4776

Square

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



77.9141, 71.5648, 104.3146



76.7007, 71.5648, 53.8712



59.0015, 71.5648, 56.4048



60.0206, 71.5648, 108.2387

Rectangle

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



77.9141, 71.5648, 104.3146



81.2558, 71.5648, 72.6583



59.0015, 71.5648, 56.4048



56.3061, 71.5648, 83.4337

Sweetspot

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



77.9161, 71.5678, 104.3151



89.0568, 89.9509, 107.2762



69.5926, 71.6880, 104.7770



18.9274, 19.0291, 22.9253



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.



77.9161, 71.5678, 104.3151



75.0241, 66.8753, 103.5618



80.0128, 72.8606, 94.8395



18.3527, 18.0735, 22.7712



21.3733, 9.9288, 50.2245



2.1768, 1.0161, 4.8947

Inverse Universe

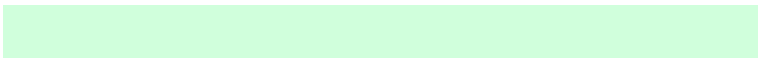
The Inverse Universe completely reimagines the original color for something new.



76.5838, 71.4890, 76.7825



73.5277, 66.8158, 71.3279



74.6596, 90.0849, 80.9926



18.1835, 18.0567, 19.5837



22.0178, 11.2964, 3.4782



2.1838, 1.1159, 0.5492

Previews

White Background



This preview shows how the XYZ color 77.9141, 71.5648, 104.3146 looks on a white background.

Color Contrast Check

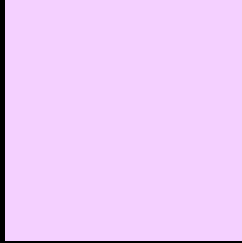
Large Text (above 18pt) WCAG AA × Fail

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 77.9141, 71.5648, 104.3146 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

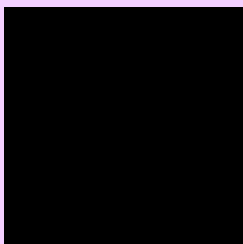
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 77.9141, 71.5648, 104.3146

Background



This preview shows how black text looks on a background with the XYZ color 77.9141, 71.5648, 104.3146.



This preview shows how white text looks on a background with the XYZ color 77.9141, 71.5648,

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

77.9141, 71.5648, 104.3146

Protanopia

70.8221, 72.0292, 104.7780

Deuteranopia

73.5539, 71.9254, 103.7722



Tritanopia

73.8723, 71.7709, 84.0884

Trichromacy



Original Color

77.9141, 71.5648, 104.3146

Protanomaly

73.0909, 71.6682, 104.5888

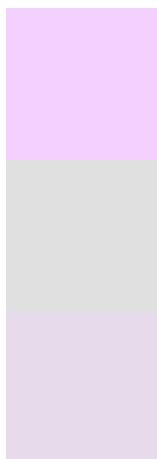
Deuteranomaly

75.0371, 71.5664, 103.6247

Tritanomaly

75.0025, 71.4623, 90.7295

Monochromacy



Original Color

77.9141, 71.5648, 104.3146

Achromatopsia

70.8507, 74.5404, 81.1745

Achromatomaly

73.0218, 73.1299, 88.8641

CSS Examples

Text

The CSS property to change the color of the text to XYZ 77.9141, 71.5648, 104.3146 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, 208, 255)` looks like.

```
.text, #text, p{  
    color:rgb(244, 208, 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, 208, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 208, 255) }
```

Border

The CSS property to change the border of an element to XYZ 77.9141, 71.5648, 104.3146 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, 208, 255) }
```


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

```
.border{ border-color:rgb(244, 208, 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, 208, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 208, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 208, 255);  
box-shadow:4px 4px 4px 4px rgb(244, 208,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 77.9141, 71.5648, 104.3146 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 208, 255) }
```

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

```
.background{ background-color: rgb(244,  
208, 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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