

Converting Colors

XYZ(77.3342, 67.2030,
103.5033)

Have a look what the booklet for
XYZ(77.3342, 67.2030, 103.5033)
contains.

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Color

**XYZ(77.2143, 67.0238,
103.4750)**

Conversions

Conversions Part 1

Format	Color
Hex	FAC4FF
RGB	250, 196, 255
RGB Percent	98%, 77%, 100%
CMY	0.0196, 0.2314, 0.0000
CMYK	0.02, 0.23, 0.00, 0.00
HSL	295°, 100%, 88%
HSV	295°, 23%, 100%
XYZ	77.2143, 67.0238, 103.4750
YIQ	218.8720, 13.2450, 29.7970

Conversions

Conversions Part 2

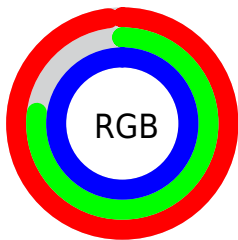
Format	Color
R_{YB}	250, 196, 255
Decimal	16434431
CIE _{Lab}	85.52, 28.97, -21.60
CIE _{LCh}	86, 36.141, 323.288
Yxy	67.0238, 0.3117, 0.2706
Android (android.graphics.Color)	4294624511 (0xFFFFAC4FF)
YUV	218.8720, 17.8111, 27.2993
Hunter-Lab	81.8681, 25.0841, -17.6304

Details

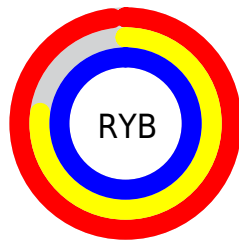
The XYZ color **77.2143, 67.0238, 103.4750** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **69.8127, 87.9237, 65.5192**, and the grayscale version is **67.1189, 70.6144, 76.8990**.

A 20% lighter version of the original color is **94.4153, 98.7306, 108.6884**, and **41.8584, 34.7607, 57.9294** is the 20% darker color. If you saturate the color by 10%, you get **71.1749, 56.0868, 101.6823**, and if you desaturate by 10%, it is **84.2438, 79.9259, 105.5949**.

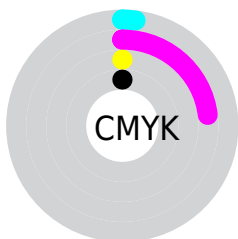
Distribution



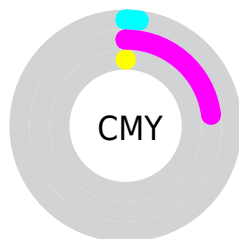
- Red (98%)
- Green (77%)
- Blue (100%)



- Red (98%)
- Yellow (77%)
- Blue (100%)



- Cyan (2%)
- Magenta (23%)
- Yellow (0%)
- Black (0%)



- Cyan (2%)
- Magenta (23%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 77.2143, 67.0238, 103.4750 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 77.2143, 67.0238, 103.4750 by changing the saturation by 10% instead.

77.2143, 67.0238,
103.4750

77.2143, 67.0238,
103.4750

474.3751,
450.0295, 592.6189

57.7293, 49.1040,
78.5728

128.4132,
114.9545, 168.0179

41.8335, 34.7020,
58.0254

160.8578,
145.7342, 208.4956

29.1615, 23.4334,
41.4142

198.3530,
181.5693, 255.0023

19.3479, 14.9138,
28.3208

241.2641,
222.8441, 307.9565

12.0274, 8.7589,
18.3265

289.9565,
269.9432, 367.7767

6.8347, 4.5843,
11.0128

344.7956,

3.4043, 2.0055,

323.2508, 434.8815

5.9611

406.1467,
383.1515, 509.6894

■ 1.3710, 0.6107,
2.7531

■ 0.2354, 0.0000,
0.9700

■ 77.2143, 67.0238,
103.4750

■ 77.2143, 67.0238,
103.4750

■ 71.1749, 56.0868,
101.6823

■ 84.2438, 79.9259,
105.5949

■ 66.0705, 47.0077,
100.1988

■ 92.3037, 94.8766,
108.0558

■ 61.8493, 39.6818,
99.0073

95.0500, 100.0000,
108.9000

■ 58.4520, 33.9906,
98.0878

■ 55.8120, 29.8012,
97.4183

■ 53.8524, 26.9595,
96.9731

■ 52.4795, 25.2784,
96.7210

■ 51.7838, 24.6104,
96.6287

Harmonies

Analogous

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



70.1506, 67.0238, 122.8747



77.2143, 67.0238, 103.4750



80.7018, 67.0238, 78.3900

Triad

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



77.2143, 67.0238, 103.4750



65.5670, 67.0238, 36.6585



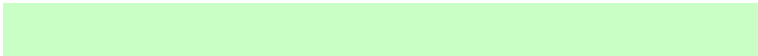
50.2774, 67.0238, 92.3485

Complementary

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



77.2143, 67.0238, 103.4750



69.8127, 87.9237, 65.5192

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.



49.2782, 67.0238, 67.8201



77.2143, 67.0238, 103.4750



57.6652, 67.0238, 38.8315

Square

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



77.2143, 67.0238, 103.4750



73.6138, 67.0238, 42.4055



51.8696, 67.0238, 49.1517



54.7262, 67.0238, 115.5470

Rectangle

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



77.2143, 67.0238, 103.4750



80.3343, 67.0238, 63.0726



51.8696, 67.0238, 49.1517



49.5436, 67.0238, 83.8687

Sweetspot

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



77.2162, 67.0266, 103.4754



89.0635, 88.8496, 107.0633



61.9145, 61.1529, 103.1482



18.9580, 18.8221, 22.8838



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.



77.2162, 67.0266, 103.4754



74.1570, 61.4658, 102.5633



75.4618, 66.5345, 84.7646



18.6319, 18.2175, 22.7843



27.1213, 12.8920, 50.4935



2.6836, 1.2774, 4.9184

Inverse Universe

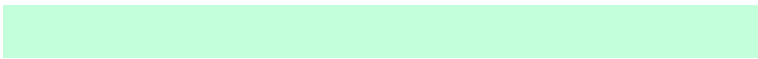
The Inverse Universe completely reimagines the original color for something new.



71.5242, 64.9595, 64.0291



67.5534, 59.0774, 56.3569



71.3921, 88.4028, 80.7356



18.0718, 18.0120, 18.9954



21.6438, 11.1468, 1.5090



2.1277, 1.0935, 0.2540

Previews

White Background



This preview shows how the XYZ color 77.2143, 67.0238, 103.4750 looks on a white background.

Color Contrast Check

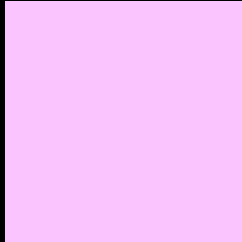
Large Text (above 18pt) WCAG AA × Fail

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 77.2143, 67.0238, 103.4750 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

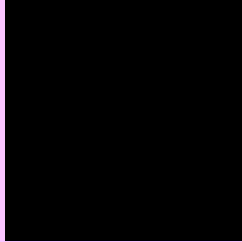
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 77.2143, 67.0238, 103.4750

Background



This preview shows how black text looks on a background with the XYZ color 77.2143, 67.0238, 103.4750.



This preview shows how white text looks on a background with the XYZ color 77.2143, 67.0238,

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

77.2143, 67.0238, 103.4750

Protanopia

66.4953, 67.1443, 104.0632

Deuteranopia

68.8490, 67.2917, 102.2884



Tritanopia

71.6670, 67.1863, 75.5207

Trichromacy



Original Color

77.2143, 67.0238, 103.4750



Protanomaly

69.9401, 66.7348, 103.8026



Deuteranomaly

71.4772, 66.8355, 102.8992



Tritanomaly

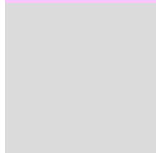
73.4359, 66.8522, 84.6346

Monochromacy



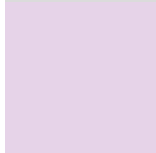
Original Color

77.2143, 67.0238, 103.4750



Achromatopsia

67.3311, 70.8376, 77.1421



Achromatomaly

70.4929, 69.2377, 85.9928

CSS Examples

Text

The CSS property to change the color of the text to XYZ 77.2143, 67.0238, 103.4750 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(250, 196, 255)` looks like.

```
.text, #text, p{  
    color:rgb(250, 196, 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(250, 196, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 196, 255) }
```

Border

The CSS property to change the border of an element to XYZ 77.2143, 67.0238, 103.4750 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(250, 196, 255) }
```


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

```
.border{ border-color:rgb(250, 196, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 196, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 196, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 196, 255);  
box-shadow:4px 4px 4px 4px rgb(250, 196,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 77.2143, 67.0238, 103.4750 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 196, 255) }
```

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

```
.background{ background-color: rgb(250,  
196, 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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