

Converting Colors

XYZ(76.0202, 68.3647,
103.7968)

Have a look what the booklet for
XYZ(76.0202, 68.3647, 103.7968)
contains.

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Color

**XYZ(76.1327, 68.5157,
103.8200)**

Conversions

Conversions Part 1

Format	Color
Hex	F3CAFF
RGB	243, 202, 255
RGB Percent	95%, 79%, 100%
CMY	0.0471, 0.2078, 0.0000
CMYK	0.05, 0.21, 0.00, 0.00
HSL	286°, 100%, 90%
HSV	286°, 21%, 100%
XYZ	76.1327, 68.5157, 103.8200
YIQ	220.3010, 7.4230, 25.1750

Conversions

Conversions Part 2

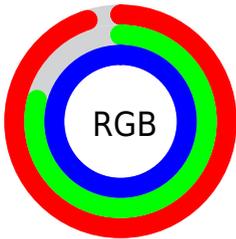
Format	Color
R_{YB}	243, 202, 255
Decimal	15977215
CIE _{Lab}	86.26, 23.56, -20.53
CIE _{LCh}	86, 31.253, 318.927
Yxy	68.5157, 0.3064, 0.2758
Android (android.graphics.Color)	4294167295 (0xFFFF3CAFF)
YUV	220.3010, 17.1066, 19.9070
Hunter-Lab	82.7742, 19.3229, -16.4229

Details

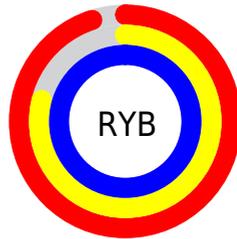
The XYZ color **76.1327, 68.5157, 103.8200** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **74.1538, 90.0811, 69.3594**, and the grayscale version is **68.1200, 71.6675, 78.0459**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.0326, 35.6961, 58.1535** is the 20% darker color. If you saturate the color by 10%, you get **68.6761, 56.5131, 101.8962**, and if you desaturate by 10%, it is **84.6443, 82.5334, 106.0770**.

Distribution



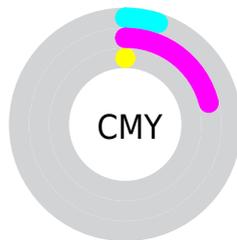
- Red (95%)
- Green (79%)
- Blue (100%)



- Red (95%)
- Yellow (79%)
- Blue (100%)



- Cyan (5%)
- Magenta (21%)
- Yellow (0%)
- Black (0%)



- Cyan (5%)
- Magenta (21%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 76.1327, 68.5157, 103.8200 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 76.1327, 68.5157, 103.8200 by changing the saturation by 10% instead.

76.1327, 68.5157,
103.8200

76.1327, 68.5157,
103.8200

470.7392,
455.3210, 593.7227

56.8388, 50.3174,
78.8600

126.8938,
117.0896, 168.4944

41.1154, 35.6657,
58.2601

159.0917,
148.2340, 209.0459

28.5974, 24.1761,
41.6017

196.3217,
184.4625, 255.6316

18.9192, 15.4643,
28.4663

238.9490,
226.1595, 308.6701

11.7156, 9.1459,
18.4354

287.3390,
273.7095, 368.5799

6.6211, 4.8365,
11.0903

341.8572,

3.2705, 2.1516,

327.4968, 435.7796

6.0127

402.8688,
387.9059, 510.6877

■ 1.2984, 0.6934,
2.7839

■ 0.1820, 0.0000,
0.9854

■ 76.1327, 68.5157,
103.8200

■ 76.1327, 68.5157,
103.8200

■ 68.6761, 56.5131,
101.8962

■ 84.6443, 82.5334,
106.0770

■ 62.2197, 46.4197,
100.2883

■ 94.2510, 98.6483,
108.6812

■ 56.7123, 38.1330,
98.9791

■ 95.0500, 100.0000,
108.9000

■ 52.0954, 31.5368,
97.9492

■ 48.3040, 26.5019,
97.1772

■ 45.2631, 22.8796,
96.6383

■ 42.8836, 20.4920,
96.3029

■ 41.1463, 19.1266,
96.1309

Harmonies

Analogous

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



69.7192, 68.5157, 118.7716



76.1327, 68.5157, 103.8200



79.6839, 68.5157, 82.4837

Triad

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



76.1327, 68.5157, 103.8200



67.8190, 68.5157, 42.0496



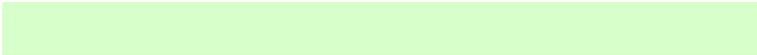
52.8783, 68.5157, 88.2234

Complementary

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



76.1327, 68.5157, 103.8200



74.1538, 90.0811, 69.3594

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.



52.4521, 68.5157, 67.2390



76.1327, 68.5157, 103.8200



60.7317, 68.5157, 43.0164

Square

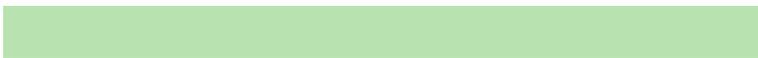
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



76.1327, 68.5157, 103.8200



74.6537, 68.5157, 48.5138



55.2279, 68.5157, 51.4549



56.4385, 68.5157, 108.6827

Rectangle

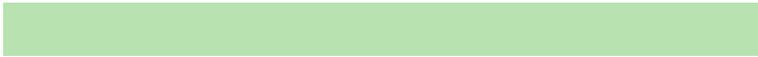
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



76.1327, 68.5157, 103.8200



79.7871, 68.5157, 68.6141



55.2279, 68.5157, 51.4549



52.3741, 68.5157, 80.9284

Sweetspot

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



76.1346, 68.5186, 103.8204



89.0989, 89.9726, 107.2782



66.5490, 68.0583, 104.2368



18.9374, 19.0342, 22.9258



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.



76.1346, 68.5186, 103.8204



72.8634, 63.2154, 102.9692



78.2192, 69.8465, 92.4749



18.3668, 18.0808, 22.7719



21.6354, 10.0640, 50.2368



2.2003, 1.0282, 4.8958

Inverse Universe

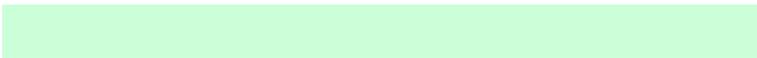
The Inverse Universe completely reimagines the original color for something new.



74.4998, 68.3587, 72.8884



71.0275, 63.0716, 66.6212



72.5309, 89.0423, 78.4228



18.1778, 18.0544, 19.5533



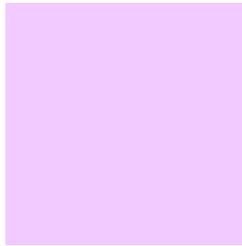
21.9903, 11.2854, 3.3336



2.1804, 1.1145, 0.5312

Previews

White Background



This preview shows how the XYZ color 76.1327, 68.5157, 103.8200 looks on a white background.

Color Contrast Check

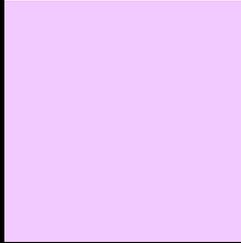
Large Text (above 18pt) WCAG AA × Fail

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 76.1327, 68.5157, 103.8200 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

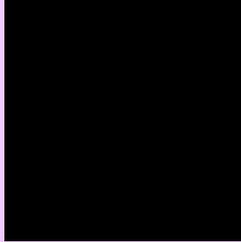
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

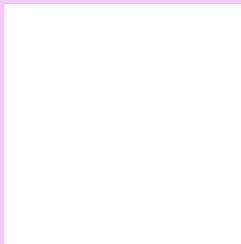
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 76.1327, 68.5157, 103.8200

Background



This preview shows how black text looks on a background with the XYZ color 76.1327, 68.5157, 103.8200.



This preview shows how white text looks on a background with the XYZ color 76.1327, 68.5157,

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

76.1327, 68.5157, 103.8200

Protanopia

67.8287, 68.5785, 104.2698

Deuteranopia

70.2373, 68.7404, 102.4948



Tritanopia

71.2703, 68.6707, 80.0194

Trichromacy



Original Color

76.1327, 68.5157, 103.8200

Protanomaly

70.6118, 68.5288, 104.1135

Deuteranomaly

72.4402, 68.7615, 103.2202

Tritanomaly

73.0019, 68.6660, 88.0035

Monochromacy



Original Color

76.1327, 68.5157, 103.8200

Achromatopsia

68.0267, 71.5694, 77.9390

Achromatomaly

70.4971, 69.9657, 86.8799

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.1327, 68.5157, 103.8200 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(243, 202, 255)` looks like.

```
.text, #text, p{  
    color:rgb(243, 202, 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(243, 202, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 202, 255) }
```

Border

The CSS property to change the border of an element to XYZ 76.1327, 68.5157, 103.8200 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(243, 202, 255) }
```


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

```
.border{ border-color:rgb(243, 202, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 202, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(243, 202, 255); -webkit-box-shadow:4px 4px 4px 4px rgb(243, 202, 255); box-shadow:4px 4px 4px 4px rgb(243, 202, 255) }
```

Background

The CSS property to change the background color of an element to XYZ 76.1327, 68.5157, 103.8200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 202, 255) }
```

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

```
.background{ background-color: rgb(243,  
202, 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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