

Converting Colors

XYZ(76.1381, 67.0388, 92.9313)

Have a look what the booklet for
XYZ(76.1381, 67.0388, 92.9313)
contains.

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Color

**XYZ(76.1381, 67.0388,
92.9313)**

Conversions

Conversions Part 1

Format	Color
Hex	FCC5F2
RGB	252, 197, 242
RGB Percent	99%, 77%, 95%
CMY	0.0118, 0.2274, 0.0510
CMYK	0.00, 0.22, 0.04, 0.01
HSL	311°, 90%, 88%
HSV	311°, 22%, 99%
XYZ	76.1381, 67.0388, 92.9313
YIQ	218.5750, 18.3350, 25.6550

Conversions

Conversions Part 2

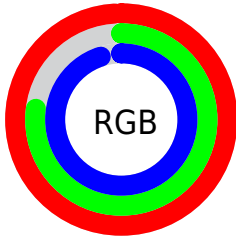
Format	Color
R _Y B	252, 197, 242
Decimal	16565746
CIE Lab	85.52, 26.76, -14.67
CIE LCh	86, 30.520, 331.266
Yxy	67.0388, 0.3225, 0.2839
Android (android.graphics.Color)	4294755826 (0xFFFC5F2)
YUV	218.5750, 11.5485, 29.3137
Hunter-Lab	81.8772, 22.7030, -9.9806

Details

The XYZ color **76.1381, 67.0388, 92.9313** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **69.1015, 85.9979, 71.9925**, and the grayscale version is **66.9531, 70.4399, 76.7090**.

A 20% lighter version of the original color is **94.7318, 99.3636, 108.7939**, and **41.1911, 34.7922, 50.9989** is the 20% darker color. If you saturate the color by 10%, you get **70.2083, 56.2658, 87.6022**, and if you desaturate by 10%, it is **83.0456, 79.7375, 98.6729**.

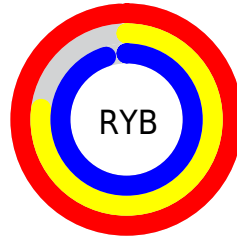
Distribution



Red (99%)

Green (77%)

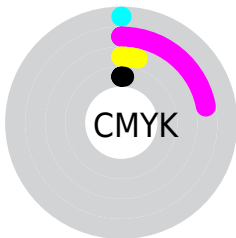
Blue (95%)



Red (99%)

Yellow (77%)

Blue (95%)

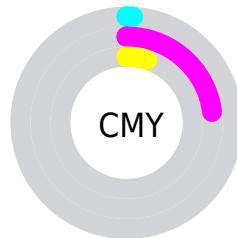


Cyan (0%)

Magenta (22%)

Yellow (4%)

Black (1%)



Cyan (1%)

Magenta (23%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 76.1381, 67.0388, 92.9313 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 76.1381, 67.0388, 92.9313 by changing the saturation by 10% instead.

76.1381, 67.0388,
92.9313

76.1381, 67.0388,
92.9313

470.7574,
450.0829, 558.3351

56.8432, 49.1162,
69.8271

126.9014,
114.9760, 153.3744

41.1190, 34.7116,
50.9096

159.1006,
145.7594, 191.5503

28.6002, 23.4408,
35.7605

196.3318,
181.5984, 235.5872

18.9213, 14.9193,
23.9610

238.9606,
222.8775, 285.9036

11.7171, 8.7628,
15.0928

287.3521,
269.9812, 342.9180

6.6222, 4.5868,
8.7372

341.8719,

3.2712, 2.0069,

323.2937, 407.0491

4.4757

402.8852,
383.1994, 478.7152

■ 1.2987, 0.6115,
1.8898

■ 0.1823, 0.0000,
0.4862

■ 76.1381, 67.0388,
92.9313

■ 76.1381, 67.0388,
92.9313

■ 70.2083, 56.2658,
87.6022

■ 83.0456, 79.7375,
98.6729

■ 65.2025, 47.3146,
82.6648

■ 90.9691, 94.4414,
104.8382

■ 61.0711, 40.0848,
78.1026

■ 93.9553, 99.4357,
108.8488

■ 57.7571, 34.4630,
73.8963

■ 55.1970, 30.3221,
70.0237

■ 53.3173, 27.5155,
66.4600

■ 52.0299, 25.8670,
63.1750

■ 51.3077, 25.1606,
60.6590

Harmonies

Analogous

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



70.8912, 67.0388, 110.7362



76.1381, 67.0388, 92.9313



77.9980, 67.0388, 72.1537

Triad

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



76.1381, 67.0388, 92.9313



63.4243, 67.0388, 41.0889



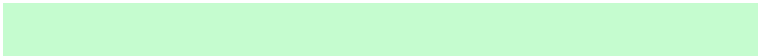
52.9885, 67.0388, 94.6578

Complementary

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



76.1381, 67.0388, 92.9313



69.1015, 85.9979, 71.9925

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.



51.2974, 67.0388, 73.8405



76.1381, 67.0388, 92.9313



57.0464, 67.0388, 44.9797

Square

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



76.1381, 67.0388, 92.9313



70.3450, 67.0388, 44.3718



52.7285, 67.0388, 56.1337



57.5216, 67.0388, 111.8534

Rectangle

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



76.1381, 67.0388, 92.9313



76.9675, 67.0388, 60.0029



52.7285, 67.0388, 56.1337



52.0842, 67.0388, 87.7363

Sweetspot

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



76.1401, 67.0418, 92.9327



89.0994, 88.9280, 104.3602



63.0398, 60.1100, 100.3762



18.9664, 18.8403, 22.2558



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.



76.1401, 67.0418, 92.9327



75.5424, 63.9940, 93.1207



72.4221, 65.5546, 73.3540



17.8497, 17.4672, 21.0641



26.7771, 13.1265, 31.8640



2.5141, 1.2294, 3.1305

Inverse Universe

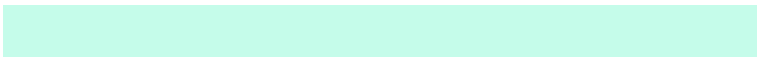
The Inverse Universe completely reimagines the original color for something new.



76.1401, 67.0418, 92.9327



75.5424, 63.9940, 93.1207



72.6421, 87.4142, 90.6371



17.8497, 17.4672, 21.0641



26.7771, 13.1265, 31.8640



2.5141, 1.2294, 3.1305

Previews

White Background



This preview shows how the XYZ color 76.1381, 67.0388, 92.9313 looks on a white background.

Color Contrast Check

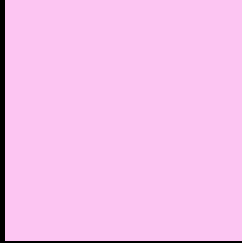
Large Text (above 18pt) WCAG AA × Fail

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 76.1381, 67.0388, 92.9313 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 76.1381, 67.0388, 92.9313

Background



This preview shows how black text looks on a background with the XYZ color 76.1381, 67.0388, 92.9313.



This preview shows how white text looks on a background with the XYZ color 76.1381, 67.0388,

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

76.1381, 67.0388, 92.9313

Protanopia

66.5678, 67.2371, 101.5650

Deuteranopia

68.7155, 67.0910, 91.7662



Tritanopia

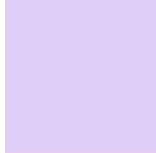
72.4780, 66.9228, 74.7430

Trichromacy



Original Color

76.1381, 67.0388, 92.9313



Protanomaly

69.6875, 67.0909, 98.0839



Deuteranomaly

71.4017, 67.0290, 92.3937



Tritanomaly

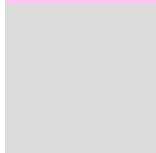
73.8061, 67.1235, 81.0176

Monochromacy



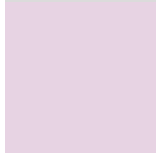
Original Color

76.1381, 67.0388, 92.9313



Achromatopsia

67.3311, 70.8376, 77.1421



Achromatomaly

70.1144, 69.1235, 82.3198

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.1381, 67.0388, 92.9313 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(252, 197, 242)` looks like.

```
.text, #text, p{  
    color:rgb(252, 197, 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(252, 197, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 197, 242) }
```

Border

The CSS property to change the border of an element to XYZ 76.1381, 67.0388, 92.9313 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(252, 197, 242) }
```


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

```
.border{ border-color:rgb(252, 197, 242) }
```

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

Here you see how a box with a 4 pixel rgb(252, 197, 242) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 197, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 197, 242);  
box-shadow:4px 4px 4px 4px rgb(252, 197,  
242) }
```

Background

The CSS property to change the background color of an element to XYZ 76.1381, 67.0388, 92.9313 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 197, 242) }
```

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

```
.background{ background-color: rgb(252,  
197, 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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