

Converting Colors

XYZ(77.4695, 68.3925, 92.0851)

Have a look what the booklet for
XYZ(77.4695, 68.3925, 92.0851)
contains.

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Color

**XYZ(77.5406, 68.4577,
92.3459)**

Conversions

Conversions Part 1

Format	Color
Hex	FFC7F1
RGB	255, 199, 241
RGB Percent	100%, 78%, 95%
CMY	0.0000, 0.2196, 0.0549
CMYK	0.00, 0.22, 0.05, 0.00
HSL	315°, 100%, 89%
HSV	315°, 22%, 100%
XYZ	77.5406, 68.4577, 92.3459
YIQ	220.5320, 19.8940, 24.9340

Conversions

Conversions Part 2

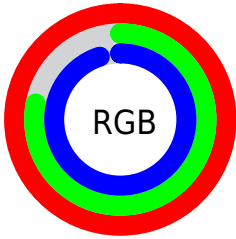
Format	Color
R _Y B	255, 199, 241
Decimal	16762865
CIE Lab	86.23, 26.53, -13.05
CIE LCh	86, 29.565, 333.813
Yxy	68.4577, 0.3253, 0.2872
Android (android.graphics.Color)	4294952945 (0xFFFFC7F1)
YUV	220.5320, 10.0907, 30.2284
Hunter-Lab	82.7392, 22.4912, -8.2567

Details

The XYZ color **77.5406, 68.4577, 92.3459** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **71.3256, 88.4672, 76.2705**, and the grayscale version is **68.3225, 71.8806, 78.2780**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.1711, 35.7593, 50.5785** is the 20% darker color. If you saturate the color by 10%, you get **71.2222, 57.3181, 85.6240**, and if you desaturate by 10%, it is **84.8785, 81.5823, 99.5739**.

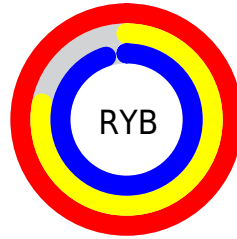
Distribution



Red (100%)

Green (78%)

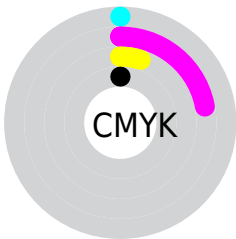
Blue (95%)



Red (100%)

Yellow (78%)

Blue (95%)

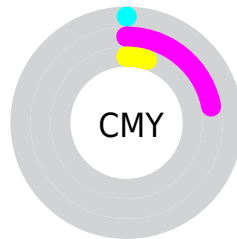


Cyan (0%)

Magenta (22%)

Yellow (5%)

Black (0%)



Cyan (0%)

Magenta (22%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 77.5406, 68.4577, 92.3459 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 77.5406, 68.4577, 92.3459 by changing the saturation by 10% instead.

77.5406, 68.4577,
92.3459

77.5406, 68.4577,
92.3459

475.4690,
455.1160, 556.3986

57.9981, 50.2702,
69.3433

128.8711,
117.0067, 152.5566

42.0504, 35.6281,
50.5179

161.3899,
148.1369, 190.6017

29.3320, 24.1471,
35.4510

198.9648,
184.3502, 234.4982

19.4777, 15.4428,
23.7242

241.9612,
226.0309, 284.6645

12.1220, 9.1307,
14.9188

290.7445,
273.5635, 341.5191

6.8996, 4.8266,
8.6164

345.6799,

3.4452, 2.1459,

327.3322, 405.4806

4.3985

407.1330,
387.7216, 476.9676

■ 1.3933, 0.6902,
1.8464

■ 0.2515, 0.0000,
0.4583

■ 77.5406, 68.4577,
92.3459

■ 77.5406, 68.4577,
92.3459

■ 71.2222, 57.3181,
85.6240

■ 84.8785, 81.5823,
99.5739

■ 65.8693, 48.0570,
79.3859

■ 93.2770, 96.7747,
107.3205

■ 61.4300, 40.5709,
73.6133

95.0500, 100.0000,
108.9000

■ 57.8454, 34.7425,
68.2851

■ 55.0497, 30.4408,
63.3775

■ 52.9670, 27.5144,
58.8634

■ 51.5058, 25.7810,
54.7105

■ 50.6714, 25.0326,
51.5951

Harmonies

Analogous

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



72.6302, 68.4577, 110.2457



77.5406, 68.4577, 92.3459



79.0284, 68.4577, 72.0725

Triad

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



77.5406, 68.4577, 92.3459



64.2000, 68.4577, 43.0291



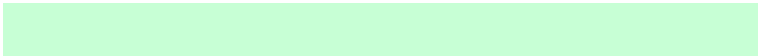
54.7812, 68.4577, 97.4191

Complementary

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



77.5406, 68.4577, 92.3459



71.3256, 88.4672, 76.2705

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.



52.8551, 68.4577, 77.0608



77.5406, 68.4577, 92.3459



58.0479, 68.4577, 47.5173

Square

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



77.5406, 68.4577, 92.3459



71.0192, 68.4577, 45.6938



54.0084, 68.4577, 59.1820



59.4570, 68.4577, 113.5152

Rectangle

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



77.5406, 68.4577, 92.3459



77.7987, 68.4577, 60.3980



54.0084, 68.4577, 59.1820



53.8061, 68.4577, 90.7306

Sweetspot

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



77.5421, 68.4605, 92.3473



88.9074, 88.8512, 103.3490



65.9166, 62.2163, 103.1425



18.9218, 18.8225, 22.0211



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.



77.5421, 68.4605, 92.3473



74.8682, 63.7243, 89.5705



73.6756, 66.9138, 71.9862



18.5872, 18.2182, 21.7094



26.5399, 13.1052, 27.2912



2.6278, 1.2935, 2.8872

Inverse Universe

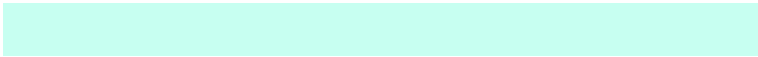
The Inverse Universe completely reimagines the original color for something new.



77.5421, 68.4605, 92.3473



74.8682, 63.7243, 89.5705



75.1921, 90.0139, 96.6316



18.5872, 18.2182, 21.7094



26.5399, 13.1052, 27.2912



2.6278, 1.2935, 2.8872

Previews

White Background



This preview shows how the XYZ color 77.5406, 68.4577, 92.3459 looks on a white background.

Color Contrast Check

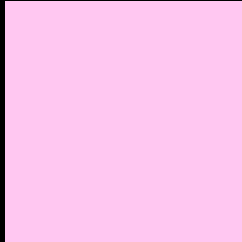
Large Text (above 18pt) WCAG AA × Fail

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 77.5406, 68.4577, 92.3459 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

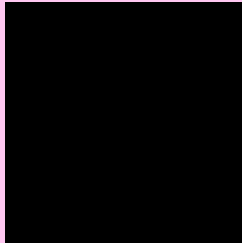
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 77.5406, 68.4577, 92.3459

Background



This preview shows how black text looks on a background with the XYZ color 77.5406, 68.4577, 92.3459.



This preview shows how white text looks on a background with the XYZ color 77.5406, 68.4577,

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

77.5406, 68.4577, 92.3459

Protanopia

67.7536, 68.6135, 100.9395

Deuteranopia

69.9906, 68.4939, 91.1931



Tritanopia

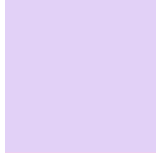
74.2870, 68.5218, 76.3285

Trichromacy



Original Color

77.5406, 68.4577, 92.3459



Protanomaly

70.9530, 68.4851, 97.4750



Deuteranomaly

72.7245, 68.4384, 91.8150



Tritanomaly

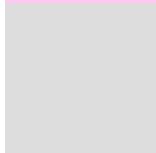
75.4937, 68.6698, 81.9487

Monochromacy



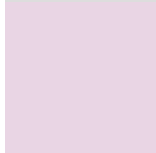
Original Color

77.5406, 68.4577, 92.3459



Achromatopsia

68.7264, 72.3055, 78.7407



Achromatomaly

71.4021, 70.5136, 83.2460

CSS Examples

Text

The CSS property to change the color of the text to XYZ 77.5406, 68.4577, 92.3459 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(255, 199, 241)` looks like.

```
.text, #text, p{  
    color:rgb(255, 199, 241)  
}
```

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(255, 199, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 199, 241) }
```

Border

The CSS property to change the border of an element to XYZ 77.5406, 68.4577, 92.3459 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(255, 199, 241) }
```


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

```
.border{ border-color:rgb(255, 199, 241) }
```

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

Here you see how a box with a 4 pixel rgb(255, 199, 241) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 199, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 199, 241);  
box-shadow:4px 4px 4px 4px rgb(255, 199,  
241) }
```

Background

The CSS property to change the background color of an element to XYZ 77.5406, 68.4577, 92.3459 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 199, 241) }
```

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

```
.background{ background-color: rgb(255,  
199, 241) }
```

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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