

# Converting Colors

XYZ(77.4154, 69.4225, 93.0893)

Have a look what the booklet for  
XYZ(77.4154, 69.4225, 93.0893)  
contains.

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# Color

**XYZ(77.2924, 69.3473,  
93.3160)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FCCAF2
RGB	252, 202, 242
RGB Percent	99%, 79%, 95%
CMY	0.0118, 0.2078, 0.0510
CMYK	0.00, 0.20, 0.04, 0.01
HSL	312°, 89%, 89%
HSV	312°, 20%, 99%
XYZ	77.2924, 69.3473, 93.3160
YIQ	221.5100, 16.9600, 23.0400

# Conversions

## Conversions Part 2

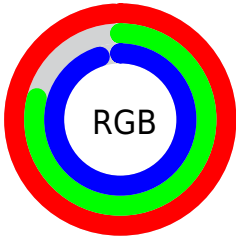
Format	Color
R <sub>Y</sub> B	252, 202, 242
Decimal	16567026
CIE Lab	86.68, 24.13, -12.95
CIE LCh	87, 27.384, 331.784
Yxy	69.3473, 0.3221, 0.2890
Android (android.graphics.Color)	4294757106 (0xFFFCFAF2)
YUV	221.5100, 10.1016, 26.7397
Hunter-Lab	83.2750, 19.9449, -8.1464

# Details

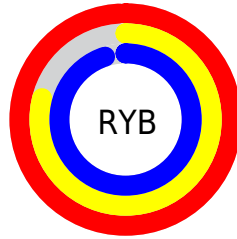
The XYZ color **77.2924, 69.3473, 93.3160** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **71.0539, 86.9328, 75.3260**, and the grayscale version is **69.0102, 72.6041, 79.0659**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.9585, 36.3271, 51.2547** is the 20% darker color. If you saturate the color by 10%, you get **71.1095, 58.1754, 87.5718**, and if you desaturate by 10%, it is **84.4658, 82.4646, 99.4949**.

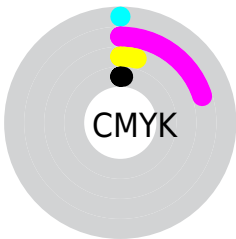
# Distribution



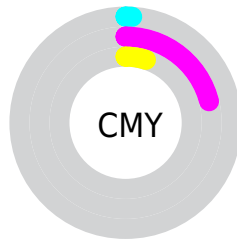
- Red (99%)
- Green (79%)
- Blue (95%)



- Red (99%)
- Yellow (79%)
- Blue (95%)



- Cyan (0%)
- Magenta (20%)
- Yellow (4%)
- Black (1%)



- Cyan (1%)
- Magenta (21%)
- Yellow (5%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 77.2924, 69.3473, 93.3160 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 77.2924, 69.3473, 93.3160 by changing the saturation by 10% instead.



77.2924, 69.3473,  
93.3160

77.2924, 69.3473,  
93.3160

474.6371,  
458.2549, 559.6057

57.7937, 50.9946,  
70.1451

128.5228,  
118.2775, 153.9115

41.8854, 36.2043,  
51.1673

160.9852,  
149.6238, 192.1732

29.2023, 24.5920,  
35.9641

198.4995,  
186.0700, 236.3022

19.3789, 15.7734,  
24.1170

241.4310,  
228.0007, 286.7170

12.0500, 9.3639,  
15.2074

290.1452,  
275.8001, 343.8362

6.8502, 4.9793,  
8.8169

345.0074,

3.4141, 2.2351,

329.8527, 408.0784

4.5267

406.3829,  
390.5428, 479.8620

■ 1.3763, 0.7390,  
1.9185

■ 0.2393, 0.0000,  
0.5045

■ 77.2924, 69.3473,  
93.3160

■ 77.2924, 69.3473,  
93.3160

■ 71.1095, 58.1754,  
87.5718

■ 84.4658, 82.4646,  
99.4949

■ 65.8638, 48.8460,  
82.2413

■ 92.6672, 97.6053,  
106.1195

■ 61.5067, 41.2607,  
77.3083

■ 93.9554, 99.4357,  
108.8488

■ 57.9823, 35.3083,  
72.7534

■ 55.2284, 30.8646,  
68.5550

■ 53.1739, 27.7876,  
64.6884

■ 51.7341, 25.9083,  
61.1247

■ 50.7722, 24.9535,  
57.8173

■ 50.7583, 24.9409,  
57.7655

# Harmonies

## Analogous

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



72.5693, 69.3473, 109.3820



77.2924, 69.3473, 93.3160



78.9138, 69.3473, 74.4219

# Triad

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



77.2924, 69.3473, 93.3160



65.5324, 69.3473, 45.6197



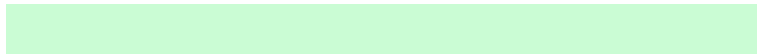
56.0495, 69.3473, 95.5086

# Complementary

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



77.2924, 69.3473, 93.3160



71.0539, 86.9328, 75.3260

# 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.



54.4239, 69.3473, 76.6034



77.2924, 69.3473, 93.3160



59.6758, 69.3473, 49.4662

# Square

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



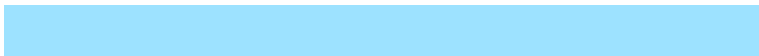
77.2924, 69.3473, 93.3160



71.8683, 69.3473, 48.6480



55.7083, 69.3473, 60.1222



60.2953, 69.3473, 110.7844



# Rectangle

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



77.2924, 69.3473, 93.3160



77.9394, 69.3473, 63.2358



55.7083, 69.3473, 60.1222



55.1913, 69.3473, 89.2721

# Sweetspot

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



77.2945, 69.3504, 93.3175



89.8730, 90.4281, 104.7629



65.8456, 63.2699, 100.8385



19.1209, 19.1422, 22.3294



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.



77.2945, 69.3504, 93.3175



76.6285, 66.2111, 93.3444



73.7922, 67.9495, 74.8750



17.8355, 17.4616, 20.9895



26.4943, 13.0134, 30.3750



2.4903, 1.2199, 3.0054



# Inverse Universe

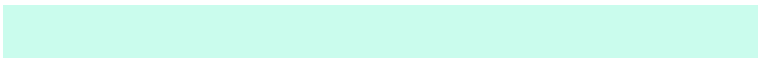
The Inverse Universe completely reimagines the original color for something new.



77.2945, 69.3504, 93.3175



76.6285, 66.2111, 93.3444



74.4560, 88.2936, 93.2409



17.8355, 17.4616, 20.9895



26.4943, 13.0134, 30.3750



2.4903, 1.2199, 3.0054



# Previews

## White Background



This preview shows how the XYZ color 77.2924, 69.3473, 93.3160 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

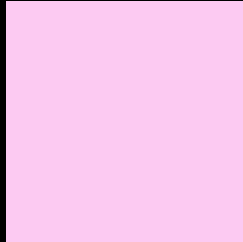
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 77.2924, 69.3473, 93.3160 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

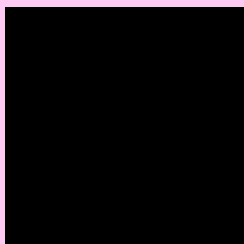
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**XYZ 77.2924, 69.3473, 93.3160**

## **Background**



This preview shows how black text looks on a background with the XYZ color 77.2924, 69.3473, 93.3160.



This preview shows how white text looks on a background with the XYZ color 77.2924, 69.3473,

93.3160.

# 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

77.2924, 69.3473, 93.3160

### Protanopia

68.8324, 69.9257, 101.1359

### Deuteranopia

71.0174, 69.3738, 92.0855



## Tritanopia

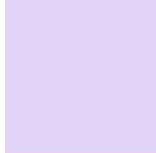
74.3230, 69.5563, 78.6157

# Trichromacy



## Original Color

77.2924, 69.3473, 93.3160



## Protanomaly

71.6016, 69.5346, 98.4546



## Deuteranomaly

73.3581, 69.4671, 92.7612



## Tritanomaly

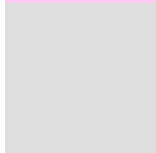
75.3985, 69.6438, 83.5974

# Monochromacy



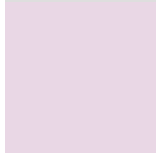
## Original Color

77.2924, 69.3473, 93.3160



## Achromatopsia

69.4303, 73.0461, 79.5472



## Achromatomaly

72.0476, 71.5817, 84.1481

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 77.2924, 69.3473, 93.3160 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, 202, 242)` looks like.

```
.text, #text, p{  
    color:rgb(252, 202, 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, 202, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 202, 242) }
```

## Border

The CSS property to change the border of an element to XYZ 77.2924, 69.3473, 93.3160 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, 202, 242) }
```



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

```
.border{ border-color:rgb(252, 202, 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, 202, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 202, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 202, 242);  
box-shadow:4px 4px 4px 4px rgb(252, 202,  
242) }
```

# Background

The CSS property to change the background color of an element to XYZ 77.2924, 69.3473, 93.3160 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 202, 242) }
```

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

```
.background{ background-color: rgb(252,  
202, 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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