

Converting Colors

XYZ(74.0869, 70.7627, 93.7620)

Have a look what the booklet for
XYZ(74.0869, 70.7627, 93.7620)
contains.

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Color

**XYZ(74.2463, 71.0039,
93.7963)**

Conversions

Conversions Part 1

Format	Color
Hex	EDD3F2
RGB	237, 211, 242
RGB Percent	93%, 83%, 95%
CMY	0.0706, 0.1725, 0.0510
CMYK	0.02, 0.13, 0.00, 0.05
HSL	290°, 54%, 89%
HSV	290°, 13%, 95%
XYZ	74.2463, 71.0039, 93.7963
YIQ	222.3080, 5.5450, 15.1530

Conversions

Conversions Part 2

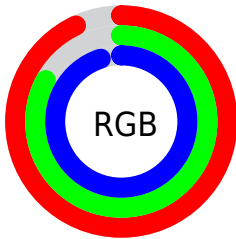
Format	Color
R _Y B	237, 211, 242
Decimal	15586290
CIE Lab	87.49, 14.42, -11.87
CIE LCh	87, 18.680, 320.532
Yxy	71.0039, 0.3106, 0.2970
Android (android.graphics.Color)	4293776370 (0xFFEDD3F2)
YUV	222.3080, 9.7082, 12.8849
Hunter-Lab	84.2638, 9.8178, -7.0126

Details

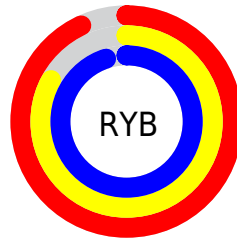
The XYZ color **74.2463, 71.0039, 93.7963** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **71.8316, 82.8082, 73.8293**, and the grayscale version is **69.5814, 73.2050, 79.7203**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.8074, 37.1459, 51.5262** is the 20% darker color. If you saturate the color by 10%, you get **67.3925, 59.2091, 91.8820**, and if you desaturate by 10%, it is **82.0377, 84.6295, 96.0167**.

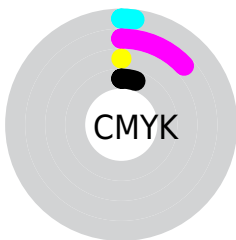
Distribution



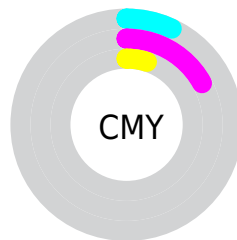
- Red (93%)
- Green (83%)
- Blue (95%)



- Red (93%)
- Yellow (83%)
- Blue (95%)



- Cyan (2%)
- Magenta (13%)
- Yellow (0%)
- Black (5%)



- Cyan (7%)
- Magenta (17%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.2463, 71.0039, 93.7963 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 74.2463, 71.0039, 93.7963 by changing the saturation by 10% instead.

74.2463, 71.0039,
93.7963

74.2463, 71.0039,
93.7963

464.3602,
464.0671, 561.1898

55.2876, 52.3454,
70.5422

124.2385,
120.6393, 154.5818

39.8668, 37.2804,
51.4891

156.0028,
152.3849, 192.9503

27.6185, 25.4247,
36.2186

192.7663,
189.2617, 237.1941

18.1772, 16.3938,
24.3121

234.8945,
231.6541, 287.7315

11.1778, 9.8032,
15.3509

282.7526,
279.9464, 344.9813

6.2547, 5.2687,
8.9167

336.7060,

3.0427, 2.4058,

334.5231, 409.3619

4.5908

397.1201,
395.7685, 481.2919

■ 1.1764, 0.8288,
1.9547

■ 0.0876, 0.0000,
0.5272

■ 74.2463, 71.0039,
93.7963

■ 74.2463, 71.0039,
93.7963

■ 67.3925, 59.2091,
91.8820

■ 82.0377, 84.6295,
96.0167

■ 61.4295, 49.1553,
90.2557

■ 89.3767, 97.3090,
98.0773

■ 56.3159, 40.7586,
88.9045

■ 90.7517, 98.0178,
98.1416

■ 52.0044, 33.9248,
87.8126

■ 92.1556, 98.7415,
98.2073

■ 48.4429, 28.5499,
86.9629

■ 93.0272, 99.1909,
98.2481

■ 45.5730, 24.5175,
86.3358

■ 43.3274, 21.6930,
85.9090

■ 41.6244, 19.9137,
85.6553

■ 40.6462, 19.1025,
85.5503

Harmonies

Analogous

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



70.5046, 71.0039, 102.3535



74.2463, 71.0039, 93.7963



76.2005, 71.0039, 81.3749

Triad

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



74.2463, 71.0039, 93.7963



68.8915, 71.0039, 55.7480



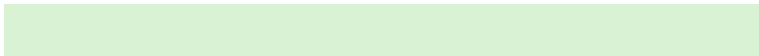
59.8543, 71.0039, 86.1441

Complementary

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



74.2463, 71.0039, 93.7963



71.8316, 82.8082, 73.8293

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.



59.4646, 71.0039, 73.3850



74.2463, 71.0039, 93.7963



64.5569, 71.0039, 56.7279

Square

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



74.2463, 71.0039, 93.7963



73.0213, 71.0039, 60.0400



61.1511, 71.0039, 62.8805



62.2398, 71.0039, 97.6124

Rectangle

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



74.2463, 71.0039, 93.7963



76.1709, 71.0039, 72.9573



61.1511, 71.0039, 62.8805



59.4897, 71.0039, 81.8349

Sweetspot

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



74.2484, 71.0070, 93.7978



91.2792, 93.3531, 107.8158



67.4926, 69.4603, 93.8554



19.3899, 19.7221, 23.0347



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.



74.2484, 71.0070, 93.7978



81.8048, 76.8254, 105.1250



74.4326, 71.2762, 85.9326



16.1893, 15.8948, 19.9363



21.9332, 10.3124, 45.9624



1.8909, 0.8920, 3.8267

Inverse Universe

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



72.3094, 70.4269, 74.7520



79.2970, 76.0803, 80.2611



71.7143, 82.5932, 80.8049



15.8768, 15.8004, 16.9073



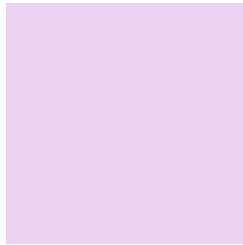
19.9009, 10.2328, 2.1290



1.6861, 0.8635, 0.3377

Previews

White Background



This preview shows how the XYZ color 74.2463, 71.0039, 93.7963 looks on a white background.

Color Contrast Check

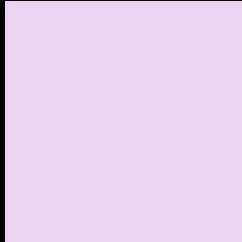
Large Text (above 18pt) WCAG AA × Fail

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 74.2463, 71.0039, 93.7963 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

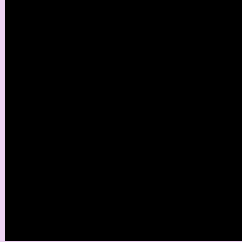
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 74.2463, 71.0039, 93.7963

Background



This preview shows how black text looks on a background with the XYZ color 74.2463, 71.0039, 93.7963.



This preview shows how white text looks on a background with the XYZ color 74.2463, 71.0039,

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

74.2463, 71.0039, 93.7963

Protanopia

69.7303, 71.2437, 97.2650

Deuteranopia

72.4544, 70.8223, 93.8557



Tritanopia

72.3381, 70.9638, 84.7477

Trichromacy



Original Color

74.2463, 71.0039, 93.7963

Protanomaly

71.2133, 70.8814, 96.3143

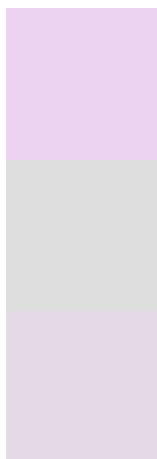
Deuteranomaly

73.1748, 70.8214, 93.8176

Tritanomaly

72.9868, 70.8603, 87.6725

Monochromacy



Original Color

74.2463, 71.0039, 93.7963

Achromatopsia

69.4303, 73.0461, 79.5472

Achromatomaly

70.8928, 72.1308, 84.3149

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.2463, 71.0039, 93.7963 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(237, 211, 242)` looks like.

```
.text, #text, p{  
    color:rgb(237, 211, 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(237, 211, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 211, 242) }
```

Border

The CSS property to change the border of an element to XYZ 74.2463, 71.0039, 93.7963 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(237, 211, 242) }
```


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

```
.border{ border-color:rgb(237, 211, 242) }
```

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

Here you see how a box with a 4 pixel rgb(237, 211, 242) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 211, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 211, 242);  
box-shadow:4px 4px 4px 4px rgb(237, 211,  
242) }
```

Background

The CSS property to change the background color of an element to XYZ 74.2463, 71.0039, 93.7963 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 211, 242) }
```

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

```
.background{ background-color: rgb(237,  
211, 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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