

Converting Colors

XYZ(76.0647, 71.5263,
104.4047)

Have a look what the booklet for
XYZ(76.0647, 71.5263, 104.4047)
contains.

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Color

**XYZ(76.2693, 71.8131,
104.4492)**

Conversions

Conversions Part 1

Format	Color
Hex	EDD3FF
RGB	237, 211, 255
RGB Percent	93%, 83%, 100%
CMY	0.0706, 0.1725, 0.0000
CMYK	0.07, 0.17, 0.00, 0.00
HSL	275°, 100%, 91%
HSV	275°, 17%, 100%
XYZ	76.2693, 71.8131, 104.4492
YIQ	223.7900, 1.3720, 19.1960

Conversions

Conversions Part 2

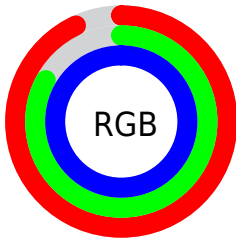
Format	Color
R _{YB}	237, 211, 255
Decimal	15586303
CIE _{Lab}	87.88, 16.88, -18.15
CIE _{LCh}	88, 24.782, 312.925
Y _{xy}	71.8131, 0.3020, 0.2844
Android (android.graphics.Color)	4293776383 (0xFFEDD3FF)
YUV	223.7900, 15.3865, 11.5852
Hunter-Lab	84.7426, 12.3524, -13.7578

Details

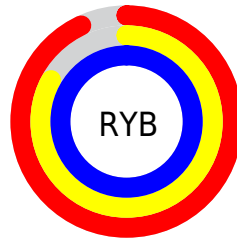
The XYZ color **76.2693, 71.8131, 104.4492** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **79.8328, 92.8820, 75.3520**, and the grayscale version is **70.5964, 74.2730, 80.8832**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.1376, 37.6779, 58.5305** is the 20% darker color. If you saturate the color by 10%, you get **67.0479, 58.3908, 102.3445**, and if you desaturate by 10%, it is **86.7022, 87.3555, 106.8993**.

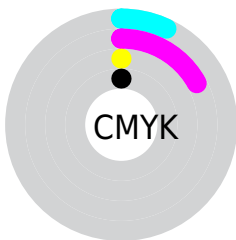
Distribution



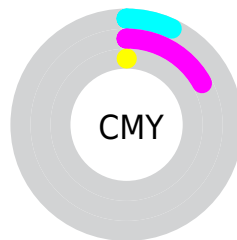
- Red (93%)
- Green (83%)
- Blue (100%)



- Red (93%)
- Yellow (83%)
- Blue (100%)



- Cyan (7%)
- Magenta (17%)
- Yellow (0%)
- Black (0%)



- Cyan (7%)
- Magenta (17%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 76.2693, 71.8131, 104.4492 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 76.2693, 71.8131, 104.4492 by changing the saturation by 10% instead.

76.2693, 71.8131,
104.4492

76.2693, 71.8131,
104.4492

471.1993,
466.8908, 595.7331

56.9512, 53.0060,
79.3839

127.0858,
121.7908, 169.3631

41.2060, 37.8076,
58.6883

159.3150,
153.7301, 210.0488

28.6685, 25.8334,
41.9439

196.5785,
190.8157, 256.7783

18.9732, 16.6990,
28.7321

239.2417,
233.4319, 309.9703

11.7548, 10.0201,
18.6344

287.6701,
281.9632, 370.0432

6.6480, 5.4123,
11.2323

342.2289,

3.2873, 2.4912,

336.7938, 437.4156

6.1072

403.2835,
398.3082, 512.5060

■ 1.3074, 0.8722,
2.8405

■ 0.1888, 0.0000,
1.0138

■ 76.2693, 71.8131,
104.4492

■ 76.2693, 71.8131,
104.4492

■ 67.0479, 58.3908,
102.3445

■ 86.7022, 87.3555,
106.8993

■ 58.9814, 46.9834,
100.5678

95.0500, 100.0000,
108.9000

■ 52.0171, 37.4900,
99.1024

■ 46.0957, 29.7970,
97.9296

■ 41.1515, 23.7788,
97.0286

■ 37.1103, 19.2925,
96.3756

■ 33.8855, 16.1706,
95.9430

■ 31.3661, 14.1976,
95.6950

■ 30.7531, 13.7687,
95.6445

Harmonies

Analogous

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



70.8227, 71.8131, 114.2864



76.2693, 71.8131, 104.4492



79.6734, 71.8131, 88.1153

Triad

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



76.2693, 71.8131, 104.4492



71.6384, 71.8131, 51.0879



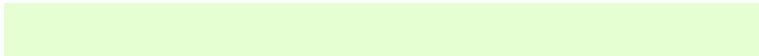
57.7951, 71.8131, 85.6792

Complementary

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



76.2693, 71.8131, 104.4492



79.8328, 92.8820, 75.3520

Split Complementary

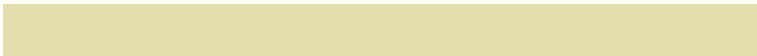
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



57.9854, 71.8131, 69.0436



76.2693, 71.8131, 104.4492



65.7525, 71.8131, 50.6311

Square

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



76.2693, 71.8131, 104.4492



76.8960, 71.8131, 58.1047



60.8250, 71.8131, 56.7516



60.2891, 71.8131, 102.4460

Rectangle

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



76.2693, 71.8131, 104.4492



80.2121, 71.8131, 76.5478



60.8250, 71.8131, 56.7516



57.5516, 71.8131, 79.8601

Sweetspot

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



76.2713, 71.8161, 104.4497



89.2236, 91.1573, 107.5003



73.0280, 77.2947, 105.6781



18.9277, 19.2550, 22.9689



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.



76.2713, 71.8161, 104.4497



72.6763, 66.5427, 103.6213



82.0009, 74.8373, 101.6660



18.0320, 17.9082, 22.7562



16.2428, 7.2840, 49.9844



1.7055, 0.7731, 4.8726

Inverse Universe

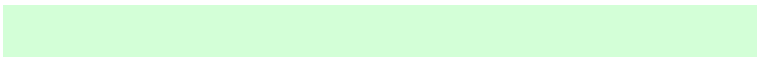
The Inverse Universe completely reimagines the original color for something new.



78.6790, 73.5086, 84.1731



75.5992, 68.5904, 79.3196



74.8491, 90.2591, 77.5458



18.3174, 18.1103, 20.2887



22.9326, 11.6623, 8.2953



2.2855, 1.1566, 1.0848

Previews

White Background



This preview shows how the XYZ color 76.2693, 71.8131, 104.4492 looks on a white background.

Color Contrast Check

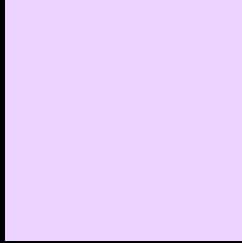
Large Text (above 18pt) WCAG AA × Fail

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 76.2693, 71.8131, 104.4492 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

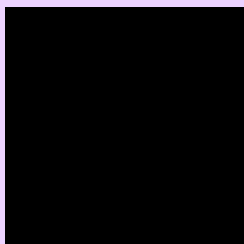
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 76.2693, 71.8131, 104.4492

Background



This preview shows how black text looks on a background with the XYZ color 76.2693, 71.8131, 104.4492.

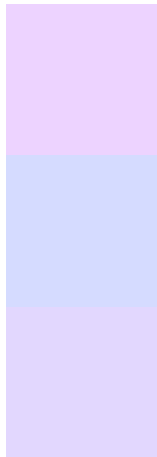


This preview shows how white text looks on a background with the XYZ color 76.2693, 71.8131,

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

76.2693, 71.8131, 104.4492

Protanopia

70.8221, 72.0292, 104.7780

Deuteranopia

73.5539, 71.9254, 103.7722



Tritanopia

72.4702, 71.7507, 86.3736

Trichromacy



Original Color

76.2693, 71.8131, 104.4492

Protanomaly

72.7301, 71.8613, 104.6451

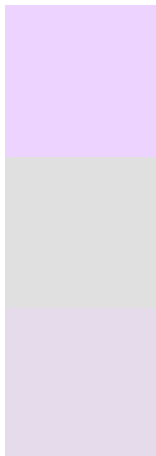
Deuteranomaly

74.5691, 72.0719, 103.7470

Tritanomaly

73.7064, 71.8768, 92.4269

Monochromacy



Original Color

76.2693, 71.8131, 104.4492

Achromatopsia

70.8507, 74.5404, 81.1745

Achromatomaly

72.6400, 73.3192, 88.9207

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.2693, 71.8131, 104.4492 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, 255)` looks like.

```
.text, #text, p{  
    color:rgb(237, 211, 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(237, 211, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 211, 255) }
```

Border

The CSS property to change the border of an element to XYZ 76.2693, 71.8131, 104.4492 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, 255) }
```


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

```
.border{ border-color:rgb(237, 211, 255) }
```

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, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 211, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 211, 255);  
box-shadow:4px 4px 4px 4px rgb(237, 211,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 76.2693, 71.8131, 104.4492 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, 255) }
```

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

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