

Converting Colors

XYZ(76.3634, 73.2364,
100.3296)

Have a look what the booklet for
XYZ(76.3634, 73.2364, 100.3296)
contains.

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Color

**XYZ(76.2269, 72.9998,
100.5153)**

Conversions

Conversions Part 1

Format	Color
Hex	EDD6FA
RGB	237, 214, 250
RGB Percent	93%, 84%, 98%
CMY	0.0706, 0.1608, 0.0196
CMYK	0.05, 0.14, 0.00, 0.02
HSL	278°, 78%, 91%
HSV	278°, 14%, 98%
XYZ	76.2269, 72.9998, 100.5153
YIQ	224.9810, 2.1520, 16.0720

Conversions

Conversions Part 2

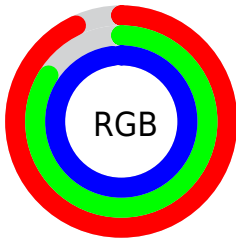
Format	Color
R _Y B	237, 214, 250
Decimal	15587066
CIE Lab	88.45, 14.34, -14.66
CIE LCh	88, 20.504, 314.370
Yxy	72.9998, 0.3052, 0.2923
Android (android.graphics.Color)	4293777146 (0xFFEDD6FA)
YUV	224.9810, 12.3344, 10.5407
Hunter-Lab	85.4399, 9.7324, -9.9434

Details

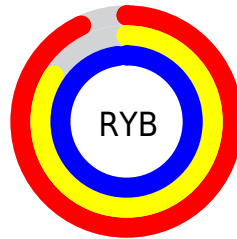
The XYZ color **76.2269, 72.9998, 100.5153** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **78.0045, 89.5591, 76.7973**, and the grayscale version is **71.4694, 75.1913, 81.8834**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.0798, 38.4703, 55.7124** is the 20% darker color. If you saturate the color by 10%, you get **67.4406, 59.7893, 98.4296**, and if you desaturate by 10%, it is **86.1403, 88.2368, 102.9350**.

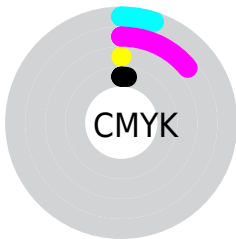
Distribution



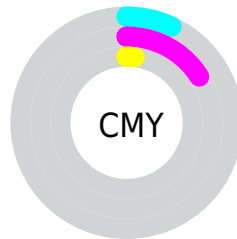
- Red (93%)
- Green (84%)
- Blue (98%)



- Red (93%)
- Yellow (84%)
- Blue (98%)



- Cyan (5%)
- Magenta (14%)
- Yellow (0%)
- Black (2%)



- Cyan (7%)
- Magenta (16%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 76.2269, 72.9998, 100.5153 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 76.2269, 72.9998, 100.5153 by changing the saturation by 10% instead.

76.2269, 72.9998,
100.5153

76.2269, 72.9998,
100.5153

471.0565,
471.0141, 583.1043

56.9163, 53.9758,
76.1117

127.0262,
123.4769, 163.9232

41.1779, 38.5823,
56.0169

159.2457,
155.6988, 203.7645

28.6464, 26.4349,
39.8124

196.4988,
193.0889, 249.5889

18.9564, 17.1493,
27.0796

239.1509,
236.0313, 301.8147

11.7426, 10.3410,
17.4001

287.5674,
284.9107, 360.8607

6.6396, 5.6256,
10.3552

342.1135,

3.2821, 2.6188,

340.1114, 427.1452

5.5264

403.1548,
402.0177, 501.0869

■ 1.3046, 0.9361,
2.4952

■ 0.1867, 0.0000,
0.8376

■ 76.2269, 72.9998,
100.5153

■ 76.2269, 72.9998,
100.5153

■ 67.4406, 59.7893,
98.4296

■ 86.1403, 88.2368,
102.9350

■ 59.7286, 48.5064,
96.6583

■ 94.2555, 99.6822,
104.7164

■ 53.0432, 39.0582,
95.1869

■ 47.3304, 31.3398,
93.9982

■ 42.5307, 25.2357,
93.0730

■ 38.5772, 20.6159,
92.3897

■ 35.3925, 17.3294,
91.9231

■ 32.8824, 15.1914,
91.6428

■ 31.6958, 14.3464,
91.5422

Harmonies

Analogous

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



71.7636, 72.9998, 108.7932



76.2269, 72.9998, 100.5153



78.9201, 72.9998, 87.0262

Triad

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



76.2269, 72.9998, 100.5153



71.9698, 72.9998, 56.1000



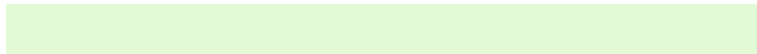
60.5997, 72.9998, 86.4148

Complementary

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



76.2269, 72.9998, 100.5153



78.0045, 89.5591, 76.7973

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.



60.6490, 72.9998, 72.3914



76.2269, 72.9998, 100.5153



67.0578, 72.9998, 55.9775

Square

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



76.2269, 72.9998, 100.5153



76.3840, 72.9998, 61.9699



62.9636, 72.9998, 61.6128



62.8255, 72.9998, 100.0223

Rectangle

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



76.2269, 72.9998, 100.5153



79.2725, 72.9998, 77.4335



62.9636, 72.9998, 61.6128



60.3542, 72.9998, 81.5711

Sweetspot

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



76.2291, 73.0029, 100.5169



90.5397, 92.9719, 107.7812



72.5136, 76.2490, 101.3393



19.2024, 19.6254, 23.0260



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.



76.2291, 73.0029, 100.5169



77.2191, 72.5429, 104.5400



79.9851, 75.0251, 96.8135



17.3495, 17.1928, 21.7894



16.9753, 7.6938, 48.5639



1.6881, 0.7723, 4.5033

Inverse Universe

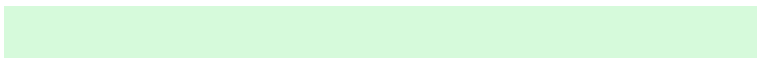
The Inverse Universe completely reimagines the original color for something new.



77.3386, 73.9665, 82.8776



78.6034, 73.7351, 82.9838



74.6797, 87.7732, 79.8891



17.5036, 17.3288, 19.2419



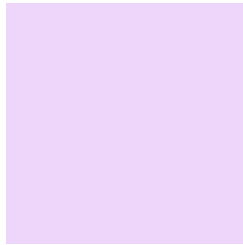
21.9598, 11.1997, 6.4969



2.0826, 1.0568, 0.8584

Previews

White Background



This preview shows how the XYZ color 76.2269, 72.9998, 100.5153 looks on a white background.

Color Contrast Check

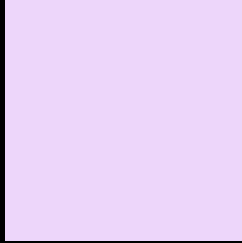
Large Text (above 18pt) WCAG AA × Fail

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 76.2269, 72.9998, 100.5153 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 76.2269, 72.9998, 100.5153

Background



This preview shows how black text looks on a background with the XYZ color 76.2269, 72.9998, 100.5153.



This preview shows how white text looks on a background with the XYZ color 76.2269, 72.9998,

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

76.2269, 72.9998, 100.5153

Protanopia

71.8015, 72.9411, 104.0606

Deuteranopia

74.7662, 73.0028, 100.5928



Tritanopia

73.9251, 73.2284, 88.0801

Trichromacy



Original Color

76.2269, 72.9998, 100.5153

Protanomaly

73.5415, 73.0819, 103.1587

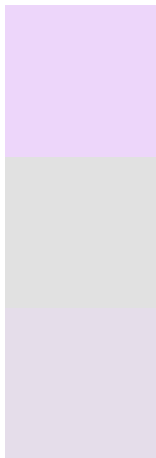
Deuteranomaly

75.1600, 72.8266, 100.5381

Tritanomaly

74.8761, 73.2359, 92.6276

Monochromacy



Original Color

76.2269, 72.9998, 100.5153

Achromatopsia

71.5672, 75.2942, 81.9954

Achromatomaly

73.0208, 74.3114, 88.3368

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.2269, 72.9998, 100.5153 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, 214, 250)` looks like.

```
.text, #text, p{  
    color:rgb(237, 214, 250)  
}
```

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, 214, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 214, 250) }
```

Border

The CSS property to change the border of an element to XYZ 76.2269, 72.9998, 100.5153 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, 214, 250) }
```


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

```
.border{ border-color:rgb(237, 214, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 214, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 214, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 214, 250);  
box-shadow:4px 4px 4px 4px rgb(237, 214,  
250) }
```

Background

The CSS property to change the background color of an element to XYZ 76.2269, 72.9998, 100.5153 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 214, 250) }
```

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

```
.background{ background-color: rgb(237,  
214, 250) }
```

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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