

Converting Colors

XYZ(74.2896, 72.5543, 92.5270)

Have a look what the booklet for
XYZ(74.2896, 72.5543, 92.5270)
contains.

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Color

**XYZ(74.2896, 72.5543,
92.5270)**

Conversions

Conversions Part 1

Format	Color
Hex	EBD7F0
RGB	235, 215, 240
RGB Percent	92%, 84%, 94%
CMY	0.0784, 0.1568, 0.0588
CMYK	0.02, 0.10, 0.00, 0.06
HSL	288°, 45%, 89%
HSV	288°, 10%, 94%
XYZ	74.2896, 72.5543, 92.5270
YIQ	223.8300, 3.8950, 12.0150

Conversions

Conversions Part 2

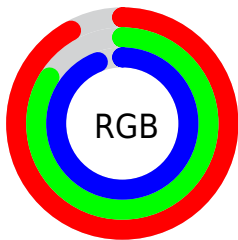
Format	Color
R _Y B	235, 215, 240
Decimal	15456240
CIE Lab	88.23, 11.29, -9.72
CIE LCh	88, 14.897, 319.258
Yxy	72.5543, 0.3104, 0.3031
Android (android.graphics.Color)	4293646320 (0xFFEBD7F0)
YUV	223.8300, 7.9718, 9.7961
Hunter-Lab	85.1788, 6.6177, -4.7796

Details

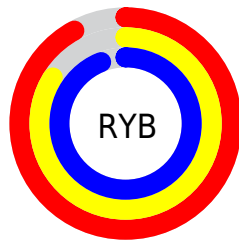
The XYZ color **74.2896, 72.5543, 92.5270** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **72.9436, 82.4440, 76.3623**, and the grayscale version is **70.6749, 74.3555, 80.9732**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.8129, 38.1860, 50.6197** is the 20% darker color. If you saturate the color by 10%, you get **67.0581, 60.4116, 90.5654**, and if you desaturate by 10%, it is **82.4646, 86.5182, 94.7925**.

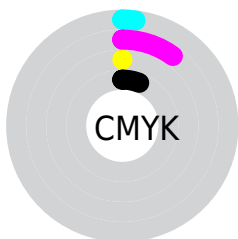
Distribution



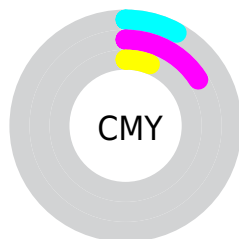
- Red (92%)
- Green (84%)
- Blue (94%)



- Red (92%)
- Yellow (84%)
- Blue (94%)



- Cyan (2%)
- Magenta (10%)
- Yellow (0%)
- Black (6%)





- Cyan (8%)
- Magenta (16%)
- Yellow (6%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 74.2896, 72.5543, 92.5270 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 74.2896, 72.5543, 92.5270 by changing the saturation by 10% instead.


 74.2896, 72.5543,
92.5270

 74.2896, 72.5543,
92.5270


464.5072,
469.4686, 556.9981

 55.3232, 53.6116,
69.4930


124.2995,
122.8443, 152.8096

 39.8954, 38.2912,
50.6390


156.0738,
154.9603, 190.8953

 27.6409, 26.2088,
35.5467


192.8481,
192.2363, 234.8352

 18.1942, 16.9799,
23.7974

234.9878,
235.0566, 285.0480

 11.1900, 10.2202,
14.9726

282.8581,
283.8056, 341.9521

 6.2630, 5.5452,
8.6537

336.8246,

 3.0478, 2.5706,

338.8676, 405.9661

4.4223

397.2525,
400.6272, 477.5086

■ 1.1791, 0.9119,
1.8598

■ 0.0898, 0.0000,
0.4669

■ 74.2896, 72.5543,
92.5270

■ 74.2896, 72.5543,
92.5270

■ 67.0581, 60.4116,
90.5654

■ 82.4646, 86.5182,
94.7925

■ 60.7245, 50.0027,
88.8901

■ 89.0061, 97.1524,
96.5004

■ 55.2489, 41.2473,
87.4888

■ 90.6991, 98.0252,
96.5796

■ 50.5857, 34.0547,
86.3462

■ 92.4359, 98.9206,
96.6609

46.6849, 28.3255,
85.4460

92.7284, 99.0714,
96.6746

43.4909, 23.9488,
84.7695

40.9399, 20.7976,
84.2958

38.9558, 18.7205,
83.9994

37.4660, 17.4975,
83.8419

Harmonies

Analogous

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



71.2480, 72.5543, 99.0345



74.2896, 72.5543, 92.5270



75.9220, 72.5543, 82.7177

Triad

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



74.2896, 72.5543, 92.5270



70.2471, 72.5543, 61.2273



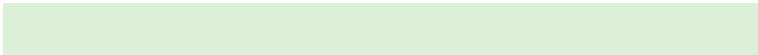
62.6855, 72.5543, 85.6577

Complementary

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



74.2896, 72.5543, 92.5270



72.9436, 82.4440, 76.3623

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.



62.4384, 72.5543, 75.3941



74.2896, 72.5543, 92.5270



66.7228, 72.5543, 61.8667

Square

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



74.2896, 72.5543, 92.5270



73.5352, 72.5543, 65.0300



63.8929, 72.5543, 66.8589



64.5800, 72.5543, 94.8382

Rectangle

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



74.2896, 72.5543, 92.5270



75.9549, 72.5543, 75.8806



63.8929, 72.5543, 66.8589



62.4096, 72.5543, 82.2023

Sweetspot

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



74.2917, 72.5574, 92.5286



92.0972, 94.9267, 108.0764



69.4582, 72.1470, 92.7041



19.5473, 20.0351, 23.0869



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.



74.2917, 72.5574, 92.5286



83.8373, 80.8642, 105.7974



74.9339, 73.0077, 87.1727



16.1265, 15.8624, 19.9334



20.6204, 9.6356, 45.9009



1.7931, 0.8417, 3.8222

Inverse Universe

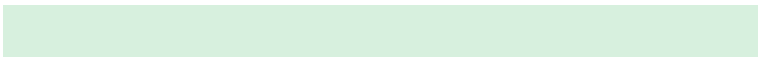
The Inverse Universe completely reimagines the original color for something new.



73.1564, 72.2967, 77.8125



82.3594, 80.5290, 86.4495



72.3830, 82.0475, 81.1905



15.9020, 15.8105, 17.0404



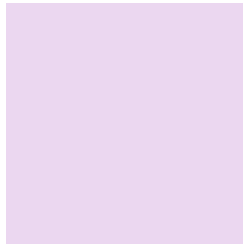
20.0011, 10.2729, 2.6562



1.6982, 0.8683, 0.4015

Previews

White Background



This preview shows how the XYZ color 74.2896, 72.5543, 92.5270 looks on a white background.

Color Contrast Check

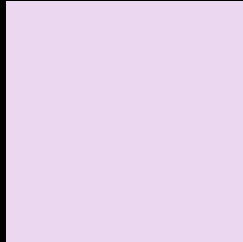
Large Text (above 18pt) WCAG AA × Fail

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 74.2896, 72.5543, 92.5270 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

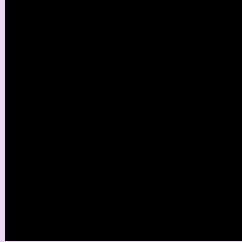
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 74.2896, 72.5543, 92.5270

Background



This preview shows how black text looks on a background with the XYZ color 74.2896, 72.5543, 92.5270.



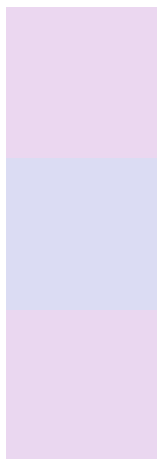
This preview shows how white text looks on a background with the XYZ color 74.2896, 72.5543,

92.5270.

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

74.2896, 72.5543, 92.5270

Protanopia

70.9843, 72.7175, 95.0886

Deuteranopia

73.9603, 72.3846, 92.5116



Tritanopia

73.1955, 72.4874, 87.2244

Trichromacy



Original Color

74.2896, 72.5543, 92.5270

Protanomaly

72.1498, 72.5612, 94.2074

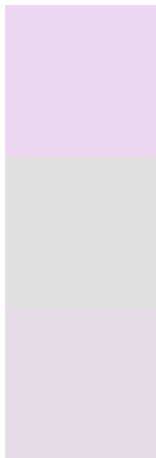
Deuteranomaly

73.9603, 72.3846, 92.5116

Tritanomaly

73.6279, 72.6603, 89.5011

Monochromacy



Original Color

74.2896, 72.5543, 92.5270

Achromatopsia

70.8507, 74.5404, 81.1745

Achromatomaly

72.1343, 73.9201, 85.3290

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.2896, 72.5543, 92.5270 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(235, 215, 240)` looks like.

```
.text, #text, p{  
    color:rgb(235, 215, 240)  
}
```

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(235, 215, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 215, 240) }
```

Border

The CSS property to change the border of an element to XYZ 74.2896, 72.5543, 92.5270 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(235, 215, 240) }
```


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

```
.border{ border-color:rgb(235, 215, 240) }
```

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

Here you see how a box with a 4 pixel rgb(235, 215, 240) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 215, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 215, 240);  
box-shadow:4px 4px 4px 4px rgb(235, 215,  
240) }
```

Background

The CSS property to change the background color of an element to XYZ 74.2896, 72.5543, 92.5270 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 215, 240) }
```

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

```
.background{ background-color: rgb(235,  
215, 240) }
```

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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