

Converting Colors

XYZ(74.5929, 71.4645, 97.8583)

Have a look what the booklet for
XYZ(74.5929, 71.4645, 97.8583)
contains.

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Color

**XYZ(74.5929, 71.4645,
97.8583)**

Conversions

Conversions Part 1

Format	Color
Hex	EBD4F7
RGB	235, 212, 247
RGB Percent	92%, 83%, 97%
CMY	0.0784, 0.1686, 0.0314
CMYK	0.05, 0.14, 0.00, 0.03
HSL	279°, 69%, 90%
HSV	279°, 14%, 97%
XYZ	74.5929, 71.4645, 97.8583
YIQ	222.8670, 2.4730, 15.7610

Conversions

Conversions Part 2

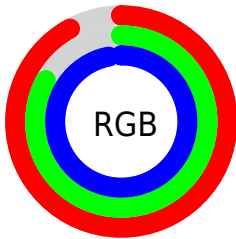
Format	Color
R _Y B	235, 212, 247
Decimal	15455479
CIE Lab	87.71, 14.17, -14.20
CIE LCh	88, 20.062, 314.952
Yxy	71.4645, 0.3058, 0.2930
Android (android.graphics.Color)	4293645559 (0xFFEBD4F7)
YUV	222.8670, 11.8976, 10.6406
Hunter-Lab	84.5367, 9.5644, -9.4575

Details

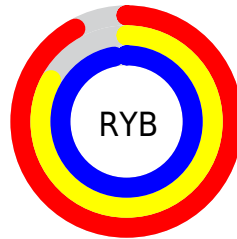
The XYZ color **74.5929, 71.4645, 97.8583** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **75.8875, 87.1242, 75.1078**, and the grayscale version is **69.9637, 73.6072, 80.1583**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.0513, 37.4592, 54.4096** is the 20% darker color. If you saturate the color by 10%, you get **66.1551, 58.6407, 95.8289**, and if you desaturate by 10%, it is **84.1126, 86.2520, 100.2119**.

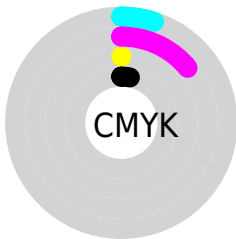
Distribution



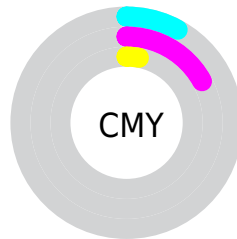
- Red (92%)
- Green (83%)
- Blue (97%)



- Red (92%)
- Yellow (83%)
- Blue (97%)



- Cyan (5%)
- Magenta (14%)
- Yellow (0%)
- Black (3%)





- Cyan (8%)
- Magenta (17%)
- Yellow (3%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 74.5929, 71.4645, 97.8583 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 74.5929, 71.4645, 97.8583 by changing the saturation by 10% instead.


 74.5929, 71.4645,
97.8583

 74.5929, 71.4645,
97.8583


465.5359,
465.6756, 574.4920

 55.5724, 52.7214,
73.9062


124.7269,
121.2949, 160.2370

 40.0959, 37.5804,
54.2210

156.5712,
153.1509, 199.5007

 27.7979, 25.6572,
38.3840


193.4208,
190.1467, 244.7054

 18.3130, 16.5673,
25.9767

235.6410,
232.6666, 296.2695

 11.2760, 9.9265,
16.5806

283.5973,
281.0950, 354.6117

 6.3214, 5.3503,
9.7771

337.6550,

 3.0840, 2.4542,

335.8164, 420.1505

5.1478

398.1794,
397.2151, 493.3045

■ 1.1983, 0.8536,
2.2740

■ 0.1051, 0.0000,
0.7166

■ 74.5929, 71.4645,
97.8583

■ 74.5929, 71.4645,
97.8583

■ 66.1551, 58.6407,
95.8289

■ 84.1126, 86.2520,
100.2119

■ 58.7482, 47.6850,
94.1046

■ 92.6720, 98.9198,
102.2059

■ 52.3264, 38.5072,
92.6716

■ 93.7887, 99.4955,
102.2582

■ 46.8376, 31.0062,
91.5130

■ 42.2245, 25.0702,
90.6104

■ 38.4228, 20.5736,
89.9428

■ 35.3581, 17.3705,
89.4861

■ 32.9399, 15.2830,
89.2106

■ 31.7517, 14.4292,
89.1084

Harmonies

Analogous

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



70.3118, 71.4645, 105.9583



74.5929, 71.4645, 97.8583



77.1445, 71.4645, 84.8125

Triad

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



74.5929, 71.4645, 97.8583



70.3269, 71.4645, 55.1618



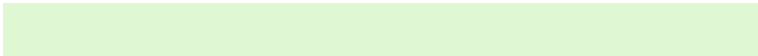
59.4671, 71.4645, 84.7675

Complementary

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



74.5929, 71.4645, 97.8583



75.8875, 87.1242, 75.1078

Split Complementary

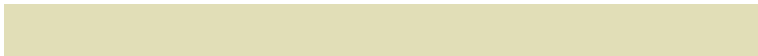
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



59.4707, 71.4645, 71.2090



74.5929, 71.4645, 97.8583



65.5926, 71.4645, 55.1527

Square

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



74.5929, 71.4645, 97.8583



74.6045, 71.4645, 60.7368



61.6665, 71.4645, 60.7104



61.6564, 71.4645, 97.8220

Rectangle

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



74.5929, 71.4645, 97.8583



77.4491, 71.4645, 75.5738



61.6665, 71.4645, 60.7104



59.2153, 71.4645, 80.0954

Sweetspot

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



74.5950, 71.4676, 97.8599



90.6069, 93.0066, 107.7843



70.6656, 74.1612, 98.5869



19.2194, 19.6342, 23.0268



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.



74.5950, 71.4676, 97.8599



77.4874, 72.6812, 104.5526



77.8928, 73.2599, 93.8444



16.6297, 16.4673, 20.8446



16.9506, 7.7127, 47.1333



1.5997, 0.7346, 4.1477

Inverse Universe

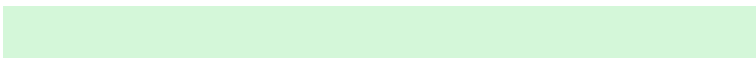
The Inverse Universe completely reimagines the original color for something new.



75.3583, 72.2461, 80.4976



78.4942, 73.6914, 82.4087



72.9716, 85.5432, 78.4849



16.7336, 16.5763, 18.3439



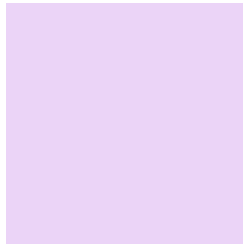
21.2067, 10.8261, 5.7968



1.9102, 0.9700, 0.7535

Previews

White Background



This preview shows how the XYZ color 74.5929, 71.4645, 97.8583 looks on a white background.

Color Contrast Check

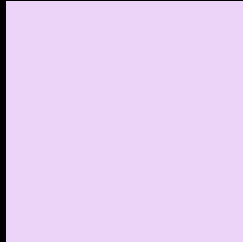
Large Text (above 18pt) WCAG AA × Fail

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 74.5929, 71.4645, 97.8583 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 74.5929, 71.4645, 97.8583

Background



This preview shows how black text looks on a background with the XYZ color 74.5929, 71.4645, 97.8583.



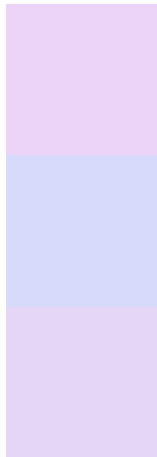
This preview shows how white text looks on a background with the XYZ color 74.5929, 71.4645,

97.8583.

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

74.5929, 71.4645, 97.8583

Protanopia

70.5083, 71.5549, 101.3621

Deuteranopia

73.1482, 71.4665, 97.9348



Tritanopia

72.4702, 71.7507, 86.3736

Trichromacy



Original Color

74.5929, 71.4645, 97.8583

Protanomaly

71.9354, 71.5435, 100.4603

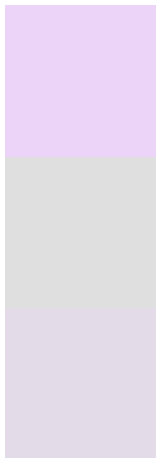
Deuteranomaly

73.5377, 71.2928, 97.8807

Tritanomaly

73.2643, 71.7000, 90.0988

Monochromacy



Original Color

74.5929, 71.4645, 97.8583

Achromatopsia

70.1384, 73.7910, 80.3584

Achromatomaly

71.5756, 72.8201, 86.6272

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.5929, 71.4645, 97.8583 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, 212, 247)` looks like.

```
.text, #text, p{  
    color:rgb(235, 212, 247)  
}
```

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, 212, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 212, 247) }
```

Border

The CSS property to change the border of an element to XYZ 74.5929, 71.4645, 97.8583 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, 212, 247) }
```


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

```
.border{ border-color:rgb(235, 212, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 212, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 212, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 212, 247);  
box-shadow:4px 4px 4px 4px rgb(235, 212,  
247) }
```

Background

The CSS property to change the background color of an element to XYZ 74.5929, 71.4645, 97.8583 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 212, 247) }
```

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

```
.background{ background-color: rgb(235,  
212, 247) }
```

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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