

Converting Colors

XYZ(74.4097, 71.9711,
104.5778)

Have a look what the booklet for
XYZ(74.4097, 71.9711, 104.5778)
contains.

XYZ(74.4097, 71.9711, 104.5778)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(74.4097, 71.9711,
104.5778)**

Conversions

Conversions Part 1

Format	Color
Hex	E5D6FF
RGB	229, 214, 255
RGB Percent	90%, 84%, 100%
CMY	0.1020, 0.1608, 0.0000
CMYK	0.10, 0.16, 0.00, 0.00
HSL	262°, 100%, 92%
HSV	262°, 16%, 100%
XYZ	74.4097, 71.9711, 104.5778
YIQ	223.1590, -4.2210, 15.9310

Conversions

Conversions Part 2

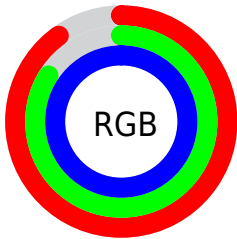
Format	Color
R _Y B	229, 214, 255
Decimal	15062783
CIE Lab	87.95, 12.74, -18.10
CIE LCh	88, 22.132, 305.150
Yxy	71.9711, 0.2965, 0.2868
Android (android.graphics.Color)	4293252863 (0xFFE5D6FF)
YUV	223.1590, 15.6976, 5.1226
Hunter-Lab	84.8358, 8.1002, -13.7022

Details

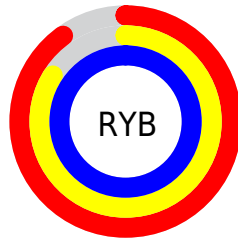
The XYZ color **74.4097, 71.9711, 104.5778** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **83.8343, 94.9010, 77.5208**, and the grayscale version is **70.1481, 73.8012, 80.3695**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.8248, 37.7577, 58.6151** is the 20% darker color. If you saturate the color by 10%, you get **63.5329, 57.5235, 102.3623**, and if you desaturate by 10%, it is **86.7813, 88.6928, 107.1533**.

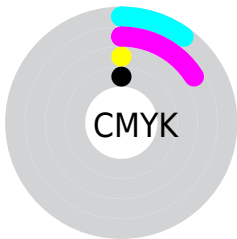
Distribution



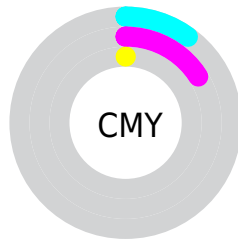
- Red (90%)
- Green (84%)
- Blue (100%)



- Red (90%)
- Yellow (84%)
- Blue (100%)



- Cyan (10%)
- Magenta (16%)
- Yellow (0%)
- Black (0%)



- Cyan (10%)
- Magenta (16%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.4097, 71.9711, 104.5778 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 74.4097, 71.9711, 104.5778 by changing the saturation by 10% instead.

74.4097, 71.9711,
104.5778

74.4097, 71.9711,
104.5778

464.9147,
467.4410, 596.1435

55.4219, 53.1351,
79.4910

124.4688,
122.0154, 169.5406

39.9748, 37.9106,
58.7759

156.2708,
153.9925, 210.2536

27.7030, 25.9133,
42.0139

193.0749,
191.1188, 257.0125

18.2412, 16.7588,
28.7865

235.2465,
233.7786, 310.2358

11.2240, 10.0627,
18.6752

283.1509,
282.3563, 370.3420

6.2861, 5.4405,
11.2614

337.1535,

3.0621, 2.5080,

337.2363, 437.7497

6.1266

397.6197,
398.8031, 512.8773

■ 1.1867, 0.8806,
2.8522

■ 0.0958, 0.0000,
1.0196

■ 74.4097, 71.9711,
104.5778

■ 74.4097, 71.9711,
104.5778

■ 63.5329, 57.5235,
102.3623

■ 86.7813, 88.6928,
107.1533

■ 54.0851, 45.2406,
100.4895

95.0500, 100.0000,
108.9000

■ 46.0040, 35.0173,
98.9421

■ 39.2202, 26.7358,
97.7011

■ 33.6575, 20.2661,
96.7455

■ 29.2308, 15.4615,
96.0515

■ 25.8424, 12.1516,
95.5912

■ 23.3736, 10.1256,
95.3303

■ 22.5934, 9.5622,
95.2626

Harmonies

Analogous

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



69.3204, 71.9711, 110.9788



74.4097, 71.9711, 104.5778



78.0228, 71.9711, 91.2079

Triad

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



74.4097, 71.9711, 104.5778



72.7551, 71.9711, 54.8634



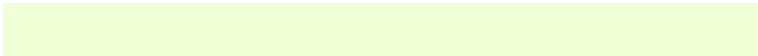
58.7993, 71.9711, 80.9993

Complementary

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



74.4097, 71.9711, 104.5778



83.8343, 94.9010, 77.5208

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.



59.6145, 71.9711, 66.7868



74.4097, 71.9711, 104.5778



67.5005, 71.9711, 52.8615

Square

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



74.4097, 71.9711, 104.5778



77.0336, 71.9711, 62.8110



62.7349, 71.9711, 56.9439



60.4486, 71.9711, 96.2939

Rectangle

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



74.4097, 71.9711, 104.5778



79.0118, 71.9711, 80.8443



62.7349, 71.9711, 56.9439



58.7951, 71.9711, 75.9356

Sweetspot

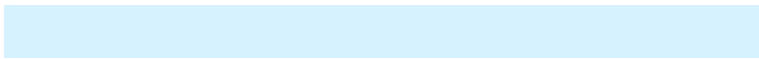
The Sweet Spot groups the original color and five complimentary colors.



74.4117, 71.9740, 104.5782



88.2042, 90.6318, 107.4526



77.1353, 84.2215, 106.7986



18.6801, 19.1274, 22.9574



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.



74.4117, 71.9740, 104.5782



71.0796, 67.5191, 103.8939



81.1116, 75.4280, 104.8918



17.6305, 17.7012, 22.7374



11.9548, 5.0734, 49.7838



1.2791, 0.5533, 4.8527

Inverse Universe

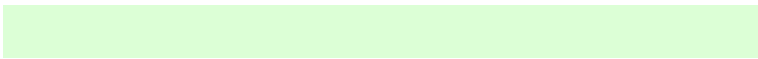
The Inverse Universe completely reimagines the original color for something new.



81.0164, 75.6471, 92.7714



78.7703, 71.7984, 90.0386



77.4601, 91.6150, 77.2225



18.4942, 18.1810, 21.2195



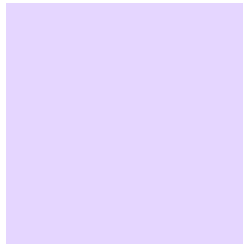
25.0174, 12.4963, 19.2741



2.4885, 1.2378, 2.1536

Previews

White Background



This preview shows how the XYZ color 74.4097, 71.9711, 104.5778 looks on a white background.

Color Contrast Check

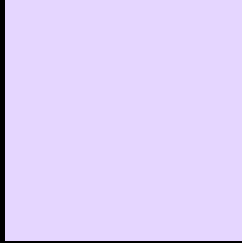
Large Text (above 18pt) WCAG AA × Fail

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 74.4097, 71.9711, 104.5778 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 74.4097, 71.9711, 104.5778

Background



This preview shows how black text looks on a background with the XYZ color 74.4097, 71.9711, 104.5778.



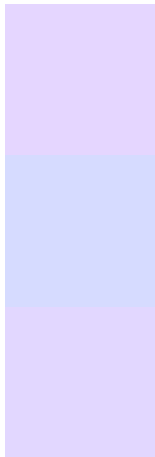
This preview shows how white text looks on a background with the XYZ color 74.4097, 71.9711,

104.5778.

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

74.4097, 71.9711, 104.5778

Protanopia

71.1131, 72.1792, 104.7917

Deuteranopia

73.7145, 71.9896, 104.6180



Tritanopia

71.4308, 72.3097, 88.7896

Trichromacy



Original Color

74.4097, 71.9711, 104.5778

Protanomaly

72.0763, 71.9058, 104.6881

Deuteranomaly

74.0290, 72.1518, 104.6327

Tritanomaly

72.5184, 72.3674, 94.1506

Monochromacy



Original Color

74.4097, 71.9711, 104.5778

Achromatopsia

70.1384, 73.7910, 80.3584

Achromatomaly

71.6399, 73.1921, 88.9489

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.4097, 71.9711, 104.5778 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(229, 214, 255)` looks like.

```
.text, #text, p{  
    color:rgb(229, 214, 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(229, 214, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 214, 255) }
```

Border

The CSS property to change the border of an element to XYZ 74.4097, 71.9711, 104.5778 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(229, 214, 255) }
```


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

```
.border{ border-color:rgb(229, 214, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 214, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 214, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 214, 255);  
box-shadow:4px 4px 4px 4px rgb(229, 214,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 74.4097, 71.9711, 104.5778 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 214, 255) }
```

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

```
.background{ background-color: rgb(229,  
214, 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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