

Converting Colors

XYZ(76.0569, 74.1381,
114.1079)

Have a look what the booklet for
XYZ(76.0569, 74.1381, 114.1079)
contains.

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Color

**XYZ(74.1727, 73.3704,
104.8603)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | E1DAFF |
| RGB | 225, 218, 255 |
| RGB Percent | 88%, 85%, 100% |
| CMY | 0.1176, 0.1451, 0.0000 |
| CMYK | 0.12, 0.15, 0.00, 0.00 |
| HSL | 251°, 100%, 93% |
| HSV | 251°, 15%, 100% |
| XYZ | 74.1727, 73.3704, 104.8603 |
| YIQ | 224.3110, -7.7050, 12.9910 |

Conversions

Conversions Part 2

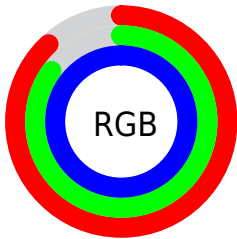
| Format | Color |
|-------------------------------------|------------------------------|
| R _Y B | 225, 218, 255 |
| Decimal | 14801663 |
| CIE Lab | 88.62, 9.37, -17.12 |
| CIE LCh | 89, 19.515, 298.685 |
| Yxy | 73.3704, 0.2939, 0.2907 |
| Android (android.graphics.Color) | 4292991743 (0xFFE1DAFF) |
| YUV | 224.3110, 15.1297, 0.6043 |
| Hunter-Lab | 85.6565, 4.6699, -12.6230 |

Details

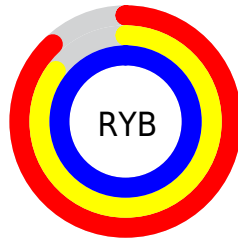
The XYZ color **74.1727, 73.3704, 104.8603** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **87.1281, 96.5393, 80.3750**, and the grayscale version is **70.9748, 74.6710, 81.3167**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.8678, 38.8177, 58.8174** is the 20% darker color. If you saturate the color by 10%, you get **62.0017, 58.0248, 102.5398**, and if you desaturate by 10%, it is **88.1456, 91.1589, 107.5574**.

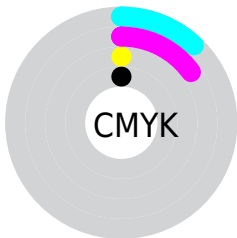
Distribution



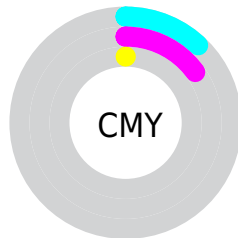
- Red (88%)
- Green (85%)
- Blue (100%)



- Red (88%)
- Yellow (85%)
- Blue (100%)



- Cyan (12%)
- Magenta (15%)
- Yellow (0%)
- Black (0%)



- Cyan (12%)
- Magenta (15%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.1727, 73.3704, 104.8603 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 74.1727, 73.3704, 104.8603 by changing the saturation by 10% instead.

74.1727, 73.3704,
104.8603

74.1727, 73.3704,
104.8603

464.1103,
472.2976, 597.0446

55.2272, 54.2789,
79.7263

124.1348,
124.0029, 169.9304

39.8182, 38.8247,
58.9683

155.8820,
156.3127, 210.7036

27.5804, 26.6234,
42.1678

192.6273,
193.7973, 257.5269

18.1484, 17.2906,
28.9061

234.7358,
236.8413, 310.8189

11.1569, 10.4419,
18.7649

282.5731,
285.8288, 370.9981

6.2406, 5.6929,
11.3254

336.5043,

3.0340, 2.6593,

341.1445, 438.4831

6.1692

396.8949,
403.1726, 513.6925

■ 1.1717, 0.9565,
2.8778

■ 0.0839, 0.0000,
1.0326

■ 74.1727, 73.3704,
104.8603

■ 74.1727, 73.3704,
104.8603

■ 62.0017, 58.0248,
102.5398

■ 88.1456, 91.1589,
107.5574

■ 51.5525, 45.0062,
100.5777

95.0500, 100.0000,
108.9000

■ 42.7477, 34.2025,
98.9564

■ 35.5017, 25.4887,
97.6564

■ 29.7207, 18.7274,
96.6560

■ 25.3006, 13.7644,
95.9310

■ 22.1226, 10.4213,
95.4533

■ 20.0456, 8.4820,
95.1884

■ 19.2797, 7.8539,
95.1075

Harmonies

Analogous

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



69.5288, 73.3704, 108.7130



74.1727, 73.3704, 104.8603



77.7601, 73.3704, 94.1354

Triad

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



74.1727, 73.3704, 104.8603



74.5483, 73.3704, 59.7216



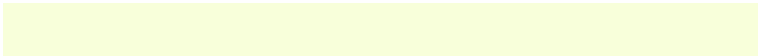
61.0715, 73.3704, 79.2944

Complementary

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



74.1727, 73.3704, 104.8603



87.1281, 96.5393, 80.3750

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.



62.2845, 73.3704, 67.1558



74.1727, 73.3704, 104.8603



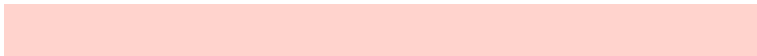
69.9443, 73.3704, 56.6696

Square

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



74.1727, 73.3704, 104.8603



77.9837, 73.3704, 68.0779



65.4805, 73.3704, 59.2328



62.0920, 73.3704, 92.9904

Rectangle

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



74.1727, 73.3704, 104.8603



78.9955, 73.3704, 85.0837



65.4805, 73.3704, 59.2328



61.2305, 73.3704, 74.9081

Sweetspot

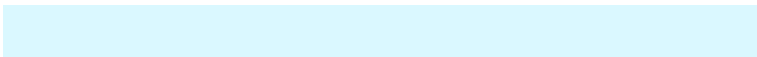
The Sweet Spot groups the original color and five complimentary colors.



74.1747, 73.3734, 104.8608



88.9042, 92.1288, 107.7046



80.5994, 89.3949, 107.6146



18.7890, 19.4123, 23.0066



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.



74.1747, 73.3734, 104.8608



70.9755, 69.3242, 104.2478



80.1833, 76.4709, 105.1420



17.3235, 17.5430, 22.7230



10.1650, 4.1508, 49.7000



1.0707, 0.4459, 4.8429

Inverse Universe

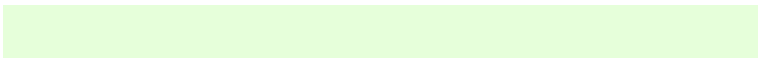
The Inverse Universe completely reimagines the original color for something new.



83.2565, 78.1830, 99.5123



81.4539, 74.8753, 97.9943



80.9590, 93.3590, 80.0863



18.6367, 18.2380, 21.9698



27.4718, 13.4780, 32.1988



2.7111, 1.3268, 3.3259

Previews

White Background



This preview shows how the XYZ color 74.1727, 73.3704, 104.8603 looks on a white background.

Color Contrast Check

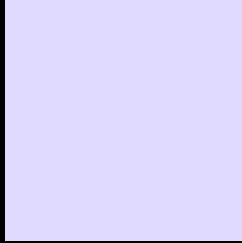
Large Text (above 18pt) WCAG AA × Fail

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 74.1727, 73.3704, 104.8603 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

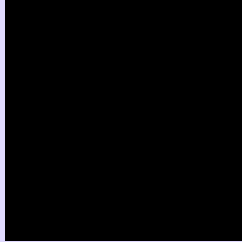
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 74.1727, 73.3704, 104.8603

Background



This preview shows how black text looks on a background with the XYZ color 74.1727, 73.3704, 104.8603.



This preview shows how white text looks on a background with the XYZ color 74.1727, 73.3704,

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

74.1727, 73.3704, 104.8603

Protanopia

72.2254, 73.5318, 104.9941

Deuteranopia

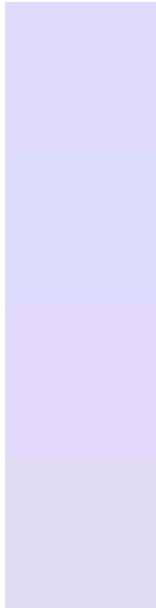
74.8578, 73.3397, 104.8183



Tritanopia

71.4133, 73.4155, 91.2957

Trichromacy



Original Color

74.1727, 73.3704, 104.8603

Protanomaly

72.8566, 73.4665, 104.9482

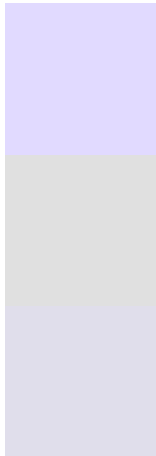
Deuteranomaly

74.5414, 73.1766, 104.8035

Tritanomaly

72.3538, 73.4060, 95.9433

Monochromacy



Original Color

74.1727, 73.3704, 104.8603

Achromatopsia

70.8507, 74.5404, 81.1745

Achromatomaly

71.8571, 74.0880, 89.1104

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.1727, 73.3704, 104.8603 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(225, 218, 255)` looks like.

```
.text, #text, p{  
    color:rgb(225, 218, 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(225, 218, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 218, 255) }
```

Border

The CSS property to change the border of an element to XYZ 74.1727, 73.3704, 104.8603 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(225, 218, 255) }
```


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

```
.border{ border-color:rgb(225, 218, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 218, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 218, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 218, 255);  
box-shadow:4px 4px 4px 4px rgb(225, 218,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 74.1727, 73.3704, 104.8603 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 218, 255) }
```

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

```
.background{ background-color: rgb(225,  
218, 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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