

Converting Colors

XYZ(74.9630, 76.2574, 99.5751)

Have a look what the booklet for
XYZ(74.9630, 76.2574, 99.5751)
contains.

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Color

**XYZ(74.9630, 76.2574,
99.5751)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | E2E0F8 |
| RGB | 226, 224, 248 |
| RGB Percent | 89%, 88%, 97% |
| CMY | 0.1137, 0.1215, 0.0274 |
| CMYK | 0.09, 0.10, 0.00, 0.03 |
| HSL | 245°, 63%, 93% |
| HSV | 245°, 10%, 97% |
| XYZ | 74.9630, 76.2574, 99.5751 |
| YIQ | 227.3340, -6.5120, 7.8880 |

Conversions

Conversions Part 2

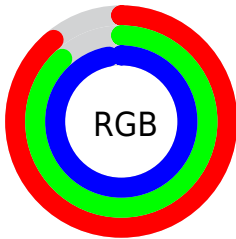
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 226, 224, 248 |
| Decimal | 14868728 |
| CIE _{Lab} | 89.98, 5.16, -11.41 |
| CIE _{LCh} | 90, 12.520, 294.325 |
| Y _{xy} | 76.2574, 0.2989, 0.3041 |
| Android (android.graphics.Color) | 4293058808 (0xFFE2E0F8) |
| YUV | 227.3340, 10.1883, -1.1699 |
| Hunter-Lab | 87.3255, 0.4105, -6.4791 |

Details

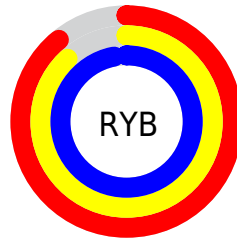
The XYZ color **74.9630, 76.2574, 99.5751** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **85.0307, 92.1114, 83.8224**, and the grayscale version is **73.1902, 77.0018, 83.8549**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.4970, 40.8396, 55.6176** is the 20% darker color. If you saturate the color by 10%, you get **62.1152, 60.4526, 97.2028**, and if you desaturate by 10%, it is **89.7328, 94.5002, 102.3190**.

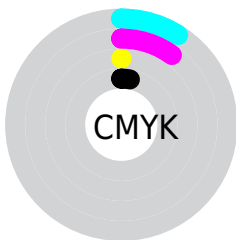
Distribution



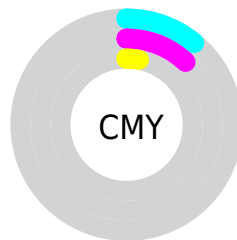
- Red (89%)
- Green (88%)
- Blue (97%)



- Red (89%)
- Yellow (88%)
- Blue (97%)



- Cyan (9%)
- Magenta (10%)
- Yellow (0%)
- Black (3%)



- Cyan (11%)
- Magenta (12%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.9630, 76.2574, 99.5751 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 74.9630, 76.2574, 99.5751 by changing the saturation by 10% instead.

■ 74.9630, 76.2574,
99.5751

■ 74.9630, 76.2574,
99.5751

466.7895,
482.2284, 580.0646

■ 55.8766, 56.6436,
75.3308

125.2482,
128.0907, 162.6199

■ 40.3406, 40.7192,
55.3806

157.1777,
161.0790, 202.2576

■ 27.9896, 28.0997,
39.3059

194.1190,
199.2942, 247.8634

■ 18.4583, 18.4008,
26.6881

236.4374,
243.1208, 299.8560

■ 11.3812, 11.2382,
17.1087

284.4983,
292.9431, 358.6539

■ 6.3930, 6.2273,
10.1493

338.6671,

■ 3.1284, 2.9838,

349.1455, 424.6756

5.3911

399.3090,
412.1125, 498.3396

■ 1.2220, 1.1233,
2.4158

■ 0.1237, 0.0000,
0.7950

■ 74.9630, 76.2574,
99.5751

■ 74.9630, 76.2574,
99.5751

■ 62.1152, 60.4526,
97.2028

■ 89.7328, 94.5002,
102.3190

■ 51.1038, 46.9732,
95.1814

■ 93.9435, 99.5574,
103.0733

■ 41.8468, 35.7123,
93.4957

■ 34.2532, 26.5508,
92.1276

■ 28.2241, 19.3584,
91.0571

■ 23.6496, 13.9902,
90.2620

■ 20.4058, 10.2812,
89.7171

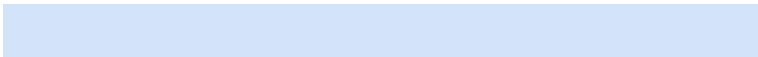
■ 18.3477, 8.0367,
89.3923

■ 17.2695, 6.9584,
89.2410

Harmonies

Analogous

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



71.8927, 76.2574, 101.1998



74.9630, 76.2574, 99.5751



77.4301, 76.2574, 93.3881

Triad

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



74.9630, 76.2574, 99.5751



76.0118, 76.2574, 69.9240



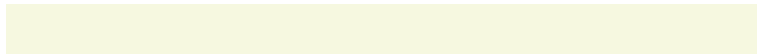
66.7103, 76.2574, 81.3550

Complementary

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



74.9630, 76.2574, 99.5751



85.0307, 92.1114, 83.8224

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.



67.7462, 76.2574, 73.4701



74.9630, 76.2574, 99.5751



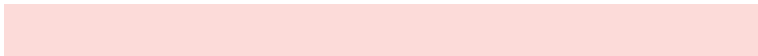
73.0713, 76.2574, 67.1790

Square

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



74.9630, 76.2574, 99.5751



78.0476, 76.2574, 76.1975



70.0532, 76.2574, 68.4297



67.1844, 76.2574, 90.2620

Rectangle

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



74.9630, 76.2574, 99.5751



78.3710, 76.2574, 87.7286



70.0532, 76.2574, 68.4297



66.8925, 76.2574, 78.5048

Sweetspot

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



74.9653, 76.2606, 99.5768



90.1246, 93.9098, 107.9841



80.7637, 88.7817, 101.6880



19.0155, 19.7609, 23.0620



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.



74.9653, 76.2606, 99.5768



76.4750, 77.0688, 105.4528



78.7273, 78.2000, 99.7528



16.4169, 16.7120, 21.7458



9.3614, 3.7687, 48.2076



0.9115, 0.3719, 4.4669

Inverse Universe

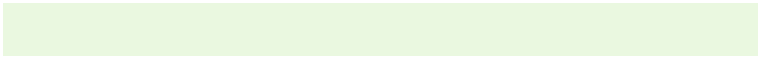
The Inverse Universe completely reimagines the original color for something new.



82.0042, 79.9249, 98.2974



85.6460, 81.8436, 103.7561



81.0874, 90.0786, 83.6379



17.9271, 17.4982, 21.4716



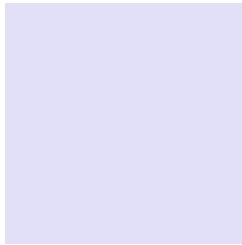
28.4544, 13.7975, 40.6970



2.6532, 1.2850, 3.8633

Previews

White Background



This preview shows how the XYZ color 74.9630, 76.2574, 99.5751 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 74.9630, 76.2574, 99.5751 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

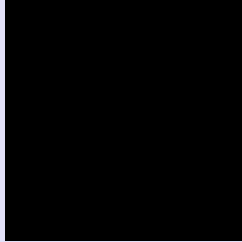
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 74.9630, 76.2574, 99.5751

Background



This preview shows how black text looks on a background with the XYZ color 74.9630, 76.2574, 99.5751.

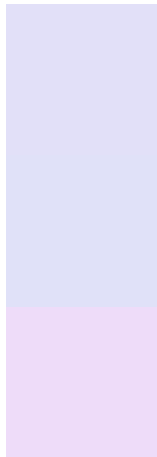


This preview shows how white text looks on a background with the XYZ color 74.9630, 76.2574,

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

74.9630, 76.2574, 99.5751

Protanopia

74.6090, 76.4750, 99.6358

Deuteranopia

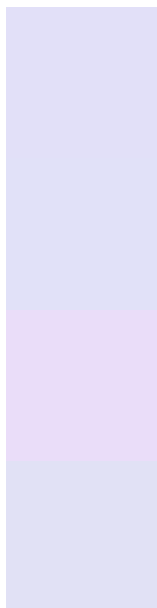
77.9520, 76.2031, 100.2227



Tritanopia

74.1542, 76.3290, 95.6187

Trichromacy



Original Color

74.9630, 76.2574, 99.5751

Protanomaly

74.9198, 76.6353, 99.6503

Deuteranomaly

76.8870, 76.0449, 100.2483

Tritanomaly

74.4580, 76.4506, 97.2183

Monochromacy



Original Color

74.9630, 76.2574, 99.5751

Achromatopsia

73.0128, 76.8151, 83.6517

Achromatomaly

73.8703, 76.7218, 89.5127

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.9630, 76.2574, 99.5751 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(226, 224, 248)` looks like.

```
.text, #text, p{  
    color:rgb(226, 224, 248)  
}
```

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(226, 224, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 224, 248) }
```

Border

The CSS property to change the border of an element to XYZ 74.9630, 76.2574, 99.5751 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(226, 224, 248) }
```


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

```
.border{ border-color:rgb(226, 224, 248) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 224, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(226, 224, 248); -webkit-box-shadow:4px 4px 4px 4px rgb(226, 224, 248); box-shadow:4px 4px 4px 4px rgb(226, 224, 248) }
```

Background

The CSS property to change the background color of an element to XYZ 74.9630, 76.2574, 99.5751 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 224, 248) }
```

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

```
.background{ background-color: rgb(226,  
224, 248) }
```

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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