

Converting Colors

XYZ(74.5537, 76.0628, 98.9305)

Have a look what the booklet for
XYZ(74.5537, 76.0628, 98.9305)
contains.

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Color

**XYZ(74.4955, 76.0343,
98.7454)**

Conversions

Conversions Part 1

Format	Color
Hex	E1E0F7
RGB	225, 224, 247
RGB Percent	88%, 88%, 97%
CMY	0.1176, 0.1215, 0.0314
CMYK	0.09, 0.09, 0.00, 0.03
HSL	243°, 59%, 92%
HSV	243°, 9%, 97%
XYZ	74.4955, 76.0343, 98.7454
YIQ	226.9210, -6.7870, 7.3650

Conversions

Conversions Part 2

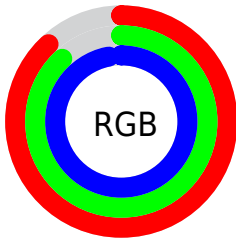
Format	Color
R _Y B	225, 224, 247
Decimal	14803191
CIE Lab	89.88, 4.64, -11.05
CIE LCh	90, 11.981, 292.788
Yxy	76.0343, 0.2988, 0.3050
Android (android.graphics.Color)	4292993271 (0xFFE1E0F7)
YUV	226.9210, 9.8989, -1.6847
Hunter-Lab	87.1976, -0.0981, -6.1035

Details

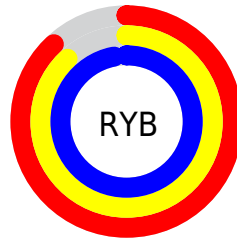
The XYZ color **74.4955, 76.0343, 98.7454** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **84.7241, 91.4982, 83.7202**, and the grayscale version is **72.8920, 76.6881, 83.5133**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.1695, 40.6836, 55.0258** is the 20% darker color. If you saturate the color by 10%, you get **61.4701, 60.1721, 96.3714**, and if you desaturate by 10%, it is **89.5091, 94.3570, 101.4919**.

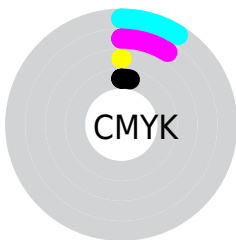
Distribution



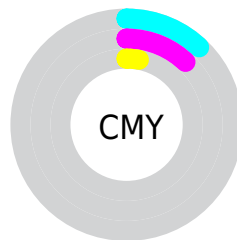
- Red (88%)
- Green (88%)
- Blue (97%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.4955, 76.0343, 98.7454 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 74.4955, 76.0343, 98.7454 by changing the saturation by 10% instead.

■ 74.4955, 76.0343,
98.7454

■ 74.4955, 76.0343,
98.7454

465.2057,
481.4651, 577.3751

■ 55.4924, 56.4606,
74.6421

124.5897,
127.7754, 161.4688

■ 40.0315, 40.5724,
54.8198

156.4115,
160.7116, 200.9261

■ 27.7474, 27.9851,
38.8598

193.2369,
198.8708, 246.3384

■ 18.2748, 18.3144,
26.3437

235.4313,
242.6373, 298.1243

■ 11.2484, 11.1760,
16.8529

283.3600,
292.3957, 356.7024

■ 6.3027, 6.1853,
9.9688

337.3884,

■ 3.0724, 2.9581,

348.5301, 422.4912

5.2729

397.8819,
411.4251, 495.9092

■ 1.1922, 1.1099,
2.3468

■ 0.1002, 0.0000,
0.7572

■ 74.4955, 76.0343,
98.7454

■ 74.4955, 76.0343,
98.7454

■ 61.4701, 60.1721,
96.3714

■ 89.5091, 94.3570,
101.4919

■ 50.3431, 46.6565,
94.3491

■ 93.7887, 99.4955,
102.2582

■ 41.0279, 35.3790,
92.6632

■ 33.4286, 26.2188,
91.2957

■ 27.4403, 19.0437,
90.2264

■ 22.9468, 13.7067,
89.4331

■ 19.8162, 10.0404,
88.8904

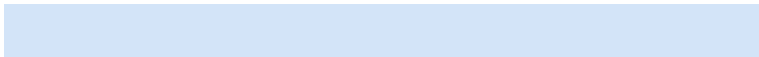
■ 17.8935, 7.8468,
88.5683

■ 16.9636, 6.8331,
88.4217

Harmonies

Analogous

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



71.5561, 76.0343, 100.0371



74.4955, 76.0343, 98.7454



76.8970, 76.0343, 93.0436

Triad

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



74.4955, 76.0343, 98.7454



75.7656, 76.0343, 70.4725



66.7671, 76.0343, 80.7588

Complementary

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



74.4955, 76.0343, 98.7454



84.7241, 91.4982, 83.7202

Split Complementary

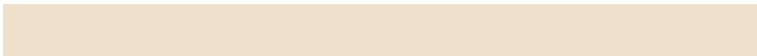
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



67.8293, 76.0343, 73.3160



74.4955, 76.0343, 98.7454



72.9852, 76.0343, 67.6460

Square

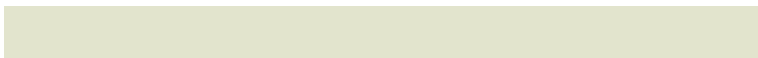
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



74.4955, 76.0343, 98.7454



77.6441, 76.0343, 76.6335



70.0860, 76.0343, 68.6504



67.1466, 76.0343, 89.2644

Rectangle

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



74.4955, 76.0343, 98.7454



77.8430, 76.0343, 87.7064



70.0860, 76.0343, 68.6504



66.9664, 76.0343, 78.0578

Sweetspot

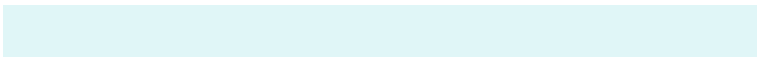
The Sweet Spot groups the original color and five complimentary colors.



74.4978, 76.0375, 98.7471



90.0165, 93.8541, 107.9790



80.5581, 88.6181, 100.8560



18.9865, 19.7459, 23.0606



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.



74.4978, 76.0375, 98.7471



77.5529, 78.6519, 105.7016



78.1275, 77.9087, 98.9170



15.6476, 15.9610, 20.7986



8.9799, 3.6036, 46.7603



0.8122, 0.3286, 4.1108

Inverse Universe

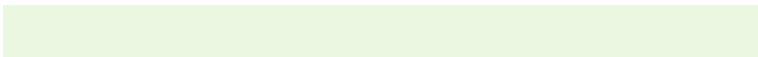
The Inverse Universe completely reimagines the original color for something new.



81.6506, 79.7427, 98.2810



86.5503, 83.3128, 105.1041



80.8906, 89.5219, 83.5408



17.1808, 16.7552, 20.6985



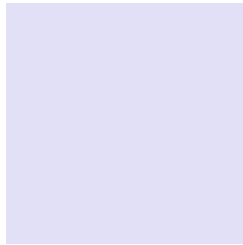
28.3302, 13.6755, 43.3089



2.4994, 1.2057, 3.8562

Previews

White Background



This preview shows how the XYZ color 74.4955, 76.0343, 98.7454 looks on a white background.

Color Contrast Check

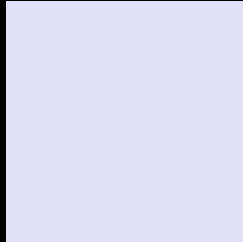
Large Text (above 18pt) WCAG AA × Fail

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 74.4955, 76.0343, 98.7454 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

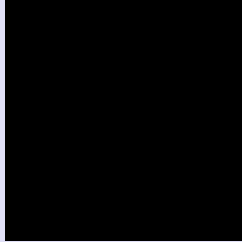
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 74.4955, 76.0343, 98.7454

Background



This preview shows how black text looks on a background with the XYZ color 74.4955, 76.0343, 98.7454.



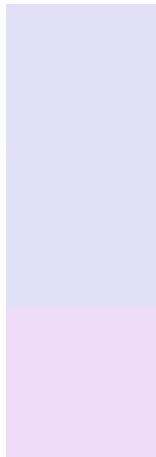
This preview shows how white text looks on a background with the XYZ color 74.4955, 76.0343,

98.7454.

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

74.4955, 76.0343, 98.7454

Protanopia

74.1846, 75.8740, 98.7309

Deuteranopia

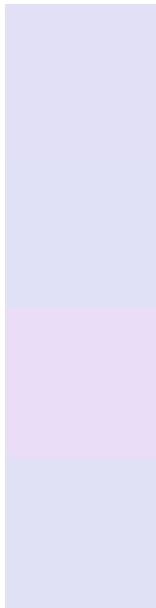
77.7964, 76.1409, 99.4033



Tritanopia

73.8433, 76.1688, 95.6041

Trichromacy



Original Color

74.4955, 76.0343, 98.7454

Protanomaly

74.1846, 75.8740, 98.7309

Deuteranomaly

76.4040, 75.8139, 99.4135

Tritanomaly

73.9948, 76.2294, 96.4017

Monochromacy



Original Color

74.4955, 76.0343, 98.7454

Achromatopsia

73.0128, 76.8151, 83.6517

Achromatomaly

73.4117, 76.5020, 88.7391

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.4955, 76.0343, 98.7454 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, 224, 247)` looks like.

```
.text, #text, p{  
    color:rgb(225, 224, 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(225, 224, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 224, 247) }
```

Border

The CSS property to change the border of an element to XYZ 74.4955, 76.0343, 98.7454 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, 224, 247) }
```


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

```
.border{ border-color:rgb(225, 224, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 224, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 224, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 224, 247);  
box-shadow:4px 4px 4px 4px rgb(225, 224,  
247) }
```

Background

The CSS property to change the background color of an element to XYZ 74.4955, 76.0343, 98.7454 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 224, 247) }
```

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

```
.background{ background-color: rgb(225,  
224, 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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