

Converting Colors

XYZ(74.4162, 76.7948, 98.8972)

Have a look what the booklet for
XYZ(74.4162, 76.7948, 98.8972)
contains.

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Color

**XYZ(74.4163, 76.7961,
98.8967)**

Conversions

Conversions Part 1

Format	Color
Hex	DFE2F7
RGB	223, 226, 247
RGB Percent	87%, 89%, 97%
CMY	0.1255, 0.1137, 0.0314
CMYK	0.10, 0.09, 0.00, 0.03
HSL	232°, 60%, 92%
HSV	232°, 10%, 97%
XYZ	74.4163, 76.7961, 98.8967
YIQ	227.4970, -8.5290, 5.8950

Conversions

Conversions Part 2

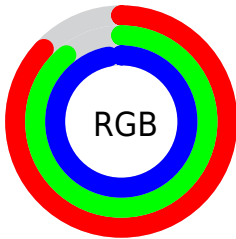
Format	Color
R _Y B	223, 226, 247
Decimal	14672631
CIE Lab	90.23, 2.96, -10.54
CIE LCh	90, 10.945, 285.681
Yxy	76.7961, 0.2975, 0.3071
Android (android.graphics.Color)	4292862711 (0xFFDFE2F7)
YUV	227.4970, 9.6150, -3.9439
Hunter-Lab	87.6334, -1.7802, -5.5670

Details

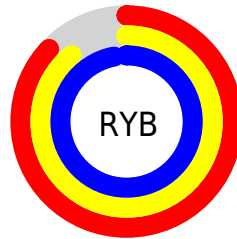
The XYZ color **74.4163, 76.7961, 98.8967** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **84.0281, 89.8027, 82.7184**, and the grayscale version is **73.3140, 77.1320, 83.9968**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.1153, 41.2122, 55.1307** is the 20% darker color. If you saturate the color by 10%, you get **61.8442, 62.1365, 96.7309**, and if you desaturate by 10%, it is **88.8437, 93.5156, 101.3647**.

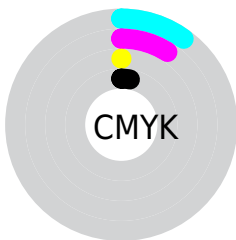
Distribution



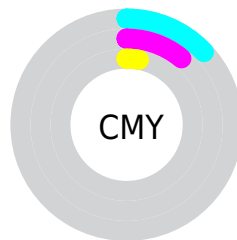
- Red (87%)
- Green (89%)
- Blue (97%)



- Red (87%)
- Yellow (89%)
- Blue (97%)



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



- Cyan (13%)
- Magenta (11%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.4163, 76.7961, 98.8967 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 74.4163, 76.7961, 98.8967 by changing the saturation by 10% instead.

■ 74.4163, 76.7961,
98.8967

■ 74.4163, 76.7961,
98.8967

464.9371,
484.0685, 577.8660

■ 55.4273, 57.0855,
74.7677

124.4781,
128.8516, 161.6788

■ 39.9791, 41.0739,
54.9220

156.2816,
161.9654, 201.1690

■ 27.7064, 28.3769,
38.9411

193.0874,
200.3156, 246.6166

■ 18.2438, 18.6099,
26.4064

235.2607,
244.2868, 298.4403

■ 11.2259, 11.3888,
16.8995

283.1670,
294.2633, 357.0586

■ 6.2874, 6.3290,
10.0016

337.1716,

■ 3.0629, 3.0461,

350.6295, 422.8899

5.2944

397.6398,
413.7698, 496.3529

■ 1.1871, 1.1559,
2.3593

■ 0.0962, 0.0252,
0.7641

■ 74.4163, 76.7961,
98.8967

■ 74.4163, 76.7961,
98.8967

■ 61.8442, 62.1365,
96.7309

■ 88.8437, 93.5156,
101.3647

■ 51.0452, 49.4474,
94.8509

■ 93.7887, 99.4955,
102.2583

■ 41.9410, 38.6475,
93.2461

■ 34.4451, 29.6457,
91.9037

■ 28.4628, 22.3435,
90.8095

■ 23.8896, 16.6329,
89.9483

■ 20.6076, 12.3931,
89.3029

■ 18.4786, 9.4854,
88.8539

■ 17.3012, 7.7274,
88.5766

Harmonies

Analogous

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



71.7055, 76.7961, 98.9999



74.4163, 76.7961, 98.8967



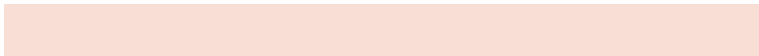
76.8017, 76.7961, 94.5343

Triad

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



74.4163, 76.7961, 98.8967



76.7107, 76.7961, 73.3447



68.0373, 76.7961, 79.9651

Complementary

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



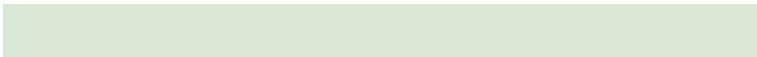
74.4163, 76.7961, 98.8967



84.0281, 89.8027, 82.7184

Split Complementary

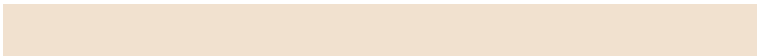
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



69.3111, 76.7961, 73.5760



74.4163, 76.7961, 98.8967



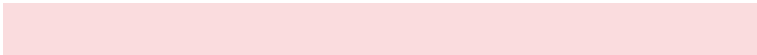
74.2946, 76.7961, 69.9179

Square

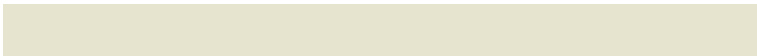
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



74.4163, 76.7961, 98.8967



78.1487, 76.7961, 79.6312



71.5868, 76.7961, 69.9998



68.0681, 76.7961, 87.7354

Rectangle

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



74.4163, 76.7961, 98.8967



77.8668, 76.7961, 89.9443



71.5868, 76.7961, 69.9998



68.3257, 76.7961, 77.5953

Sweetspot

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



74.4186, 76.7993, 98.8984



90.1933, 94.3817, 108.0715



79.9923, 88.7304, 98.3407



19.0339, 19.8876, 23.0854



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.



74.4186, 76.7993, 98.8984



76.7210, 78.7442, 105.7633



76.3914, 76.6146, 98.7588



15.7482, 16.2607, 20.8512



9.1911, 4.1761, 46.8597



0.8600, 0.4715, 4.1359

Inverse Universe

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



78.4747, 78.0422, 82.8828



82.0387, 80.4007, 84.7606



81.9085, 90.0624, 82.8803



16.5835, 16.5162, 17.5533



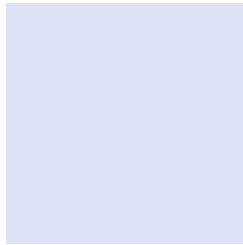
20.4438, 10.5209, 1.7793



1.8232, 0.9352, 0.2952

Previews

White Background



This preview shows how the XYZ color 74.4163, 76.7961, 98.8967 looks on a white background.

Color Contrast Check

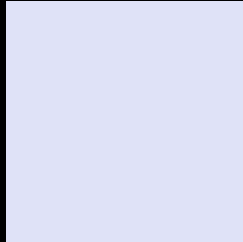
Large Text (above 18pt) WCAG AA × Fail

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 74.4163, 76.7961, 98.8967 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

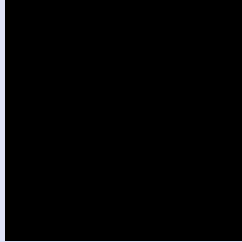
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 74.4163, 76.7961, 98.8967

Background



This preview shows how black text looks on a background with the XYZ color 74.4163, 76.7961, 98.8967.

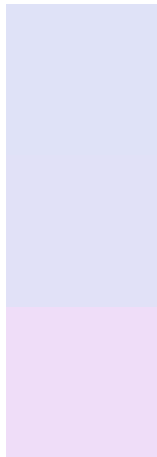


This preview shows how white text looks on a background with the XYZ color 74.4163, 76.7961,

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

74.4163, 76.7961, 98.8967

Protanopia

74.7651, 76.5734, 98.8353

Deuteranopia

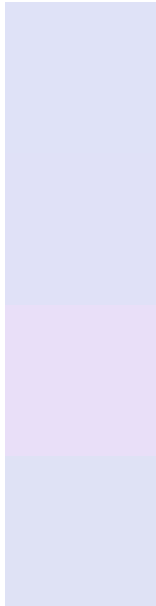
78.3963, 76.8409, 99.5068



Tritanopia

73.9569, 76.6123, 96.4777

Trichromacy



Original Color

74.4163, 76.7961, 98.8967

Protanomaly

74.4542, 76.4131, 98.8207

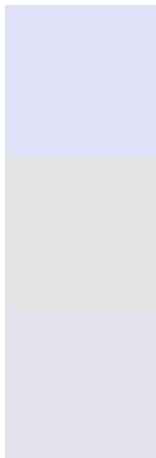
Deuteranomaly

76.9352, 76.8763, 99.5906

Tritanomaly

74.1092, 76.6733, 97.2796

Monochromacy



Original Color

74.4163, 76.7961, 98.8967

Achromatopsia

73.7419, 77.5822, 84.4870

Achromatomaly

73.8285, 77.1051, 89.5889

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.4163, 76.7961, 98.8967 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(223, 226, 247)` looks like.

```
.text, #text, p{  
    color:rgb(223, 226, 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(223, 226, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 226, 247) }
```

Border

The CSS property to change the border of an element to XYZ 74.4163, 76.7961, 98.8967 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(223, 226, 247) }
```


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

```
.border{ border-color:rgb(223, 226, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 226, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 226, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 226, 247);  
box-shadow:4px 4px 4px 4px rgb(223, 226,  
247) }
```

Background

The CSS property to change the background color of an element to XYZ 74.4163, 76.7961, 98.8967 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 226, 247) }
```

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

```
.background{ background-color: rgb(223,  
226, 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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