

Converting Colors

XYZ(72.0443, 73.9752, 98.8665)

Have a look what the booklet for
XYZ(72.0443, 73.9752, 98.8665)
contains.

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Color

**XYZ(71.8232, 73.8634,
98.4673)**

Conversions

Conversions Part 1

Format	Color
Hex	DADEF7
RGB	218, 222, 247
RGB Percent	85%, 87%, 97%
CMY	0.1451, 0.1294, 0.0314
CMYK	0.12, 0.10, 0.00, 0.03
HSL	232°, 64%, 91%
HSV	232°, 12%, 97%
XYZ	71.8232, 73.8634, 98.4673
YIQ	223.6540, -10.4090, 6.9270

Conversions

Conversions Part 2

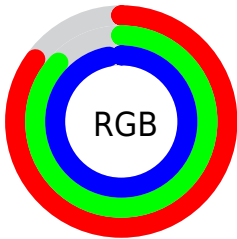
Format	Color
R _Y B	218, 222, 247
Decimal	14343927
CIE Lab	88.86, 3.45, -12.62
CIE LCh	89, 13.081, 285.276
Yxy	73.8634, 0.2942, 0.3025
Android (android.graphics.Color)	4292534007 (0xFFDADEF7)
YUV	223.6540, 11.5096, -4.9586
Hunter-Lab	85.9438, -1.2293, -7.7689

Details

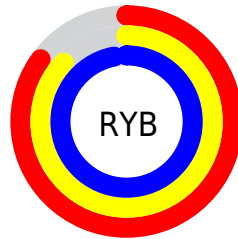
The XYZ color **71.8232, 73.8634, 98.4673** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **83.0636, 88.9367, 79.1196**, and the grayscale version is **70.5323, 74.2055, 80.8098**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.3269, 39.1856, 54.8337** is the 20% darker color. If you saturate the color by 10%, you get **59.6782, 59.7330, 96.3811**, and if you desaturate by 10%, it is **85.7873, 89.9955, 100.8463**.

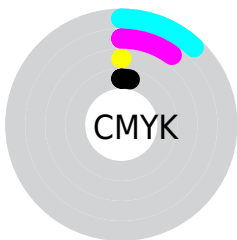
Distribution



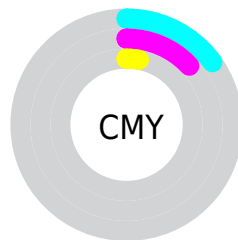
- Red (85%)
- Green (87%)
- Blue (97%)



- Red (85%)
- Yellow (87%)
- Blue (97%)



- Cyan (12%)
- Magenta (10%)
- Yellow (0%)
- Black (3%)



- Cyan (15%)
- Magenta (13%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 71.8232, 73.8634, 98.4673 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 71.8232, 73.8634, 98.4673 by changing the saturation by 10% instead.

■ 71.8232, 73.8634,
98.4673

■ 71.8232, 73.8634,
98.4673

456.0932,
474.0018, 576.4721

■ 53.2992, 54.6822,
74.4114

120.8173,
124.7021, 161.0828

■ 38.2701, 39.1474,
54.6320

152.0181,
157.1285, 200.4794

■ 26.3706, 26.8744,
38.7106

188.1753,
194.7388, 245.8267

■ 17.2352, 17.4789,
26.2285

229.6541,
237.9173, 297.5432

■ 10.4987, 10.5765,
16.7674

276.8199,
287.0484, 356.0475

■ 5.7956, 5.7829,
9.9086

330.0381,

■ 2.7607, 2.7135,

342.5166, 421.7580

5.2336

389.6741,
404.7063, 495.0934

■ 1.0285, 0.9841,
2.3238

■ 0.0000, 0.0000,
0.7445

■ 71.8232, 73.8634,
98.4673

■ 71.8232, 73.8634,
98.4673

■ 59.6782, 59.7330,
96.3811

■ 85.7873, 89.9955,
100.8463

■ 49.2708, 47.5170,
94.5717

■ 93.7887, 99.4955,
102.2582

■ 40.5228, 37.1352,
93.0289

■ 33.3475, 28.4984,
91.7400

■ 27.6503, 21.5096,
90.6913

■ 23.3262, 16.0623,
89.8678

■ 20.2560, 12.0370,
89.2526

■ 18.2992, 9.2960,
88.8267

■ 17.3635, 7.8650,
88.5998

Harmonies

Analogous

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



68.6671, 73.8634, 98.5172



71.8232, 73.8634, 98.4673



74.6254, 73.8634, 93.3448

Triad

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



71.8232, 73.8634, 98.4673



74.5821, 73.8634, 68.6482



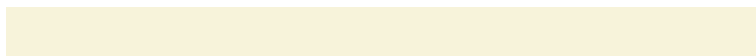
64.4732, 73.8634, 76.0690

Complementary

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



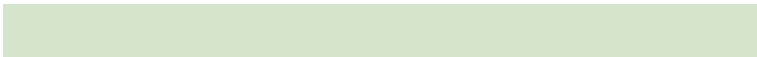
71.8232, 73.8634, 98.4673



83.0636, 88.9367, 79.1196

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.



65.9626, 73.8634, 68.7554



71.8232, 73.8634, 98.4673



71.7656, 73.8634, 64.6951

Square

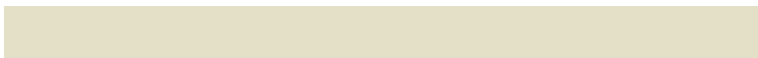
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



71.8232, 73.8634, 98.4673



76.2506, 73.8634, 75.9124



68.6112, 73.8634, 64.7328



64.4876, 73.8634, 85.1123

Rectangle

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



71.8232, 73.8634, 98.4673



75.8884, 73.8634, 87.9490



68.6112, 73.8634, 64.7328



64.8126, 73.8634, 73.3423

Sweetspot

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



71.8254, 73.8665, 98.4689



88.6555, 92.6347, 107.8154



78.3003, 87.8782, 97.3537



18.7263, 19.5397, 23.0345



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.



71.8254, 73.8665, 98.4689



74.0707, 75.7606, 105.3271



73.9038, 73.3782, 98.2651



15.7656, 16.2955, 20.8570



9.2416, 4.2770, 46.8765



0.8682, 0.4879, 4.1386

Inverse Universe

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



76.6157, 75.1925, 79.5863



80.1354, 77.4739, 81.4136



80.7919, 89.5635, 79.3603



16.5923, 16.5198, 17.5995



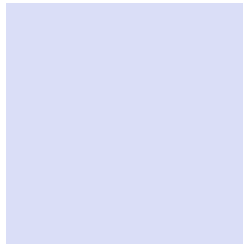
20.4692, 10.5311, 1.9134



1.8273, 0.9369, 0.3170

Previews

White Background



This preview shows how the XYZ color 71.8232, 73.8634, 98.4673 looks on a white background.

Color Contrast Check

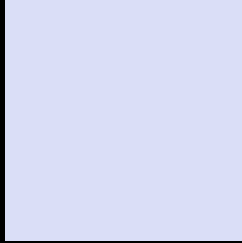
Large Text (above 18pt) WCAG AA × Fail

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 71.8232, 73.8634, 98.4673 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

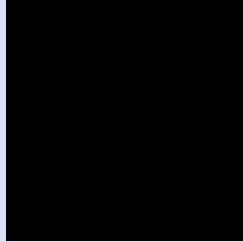
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 71.8232, 73.8634, 98.4673

Background



This preview shows how black text looks on a background with the XYZ color 71.8232, 73.8634, 98.4673.

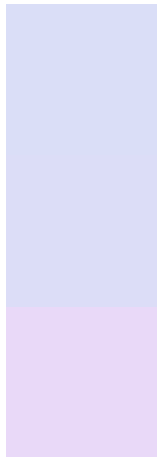


This preview shows how white text looks on a background with the XYZ color 71.8232, 73.8634,

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

71.8232, 73.8634, 98.4673

Protanopia

72.1602, 73.6439, 98.4071

Deuteranopia

75.3604, 73.7267, 99.0657



Tritanopia

70.8801, 73.8779, 93.7432

Trichromacy



Original Color

71.8232, 73.8634, 98.4673

Protanomaly

71.8584, 73.4884, 98.3930

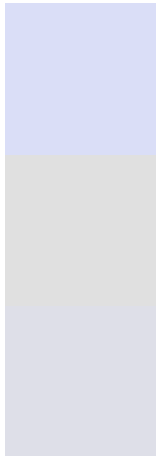
Deuteranomaly

74.2697, 73.9343, 99.1633

Tritanomaly

71.1806, 73.9981, 95.3255

Monochromacy



Original Color

71.8232, 73.8634, 98.4673

Achromatopsia

70.8507, 74.5404, 81.1745

Achromatomaly

71.0774, 74.1311, 86.9065

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.8232, 73.8634, 98.4673 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(218, 222, 247)` looks like.

```
.text, #text, p{  
    color:rgb(218, 222, 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(218, 222, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 222, 247) }
```

Border

The CSS property to change the border of an element to XYZ 71.8232, 73.8634, 98.4673 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(218, 222, 247) }
```


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

```
.border{ border-color:rgb(218, 222, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 222, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 222, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 222, 247);  
box-shadow:4px 4px 4px 4px rgb(218, 222,  
247) }
```

Background

The CSS property to change the background color of an element to XYZ 71.8232, 73.8634, 98.4673 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 222, 247) }
```

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

```
.background{ background-color: rgb(218,  
222, 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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