

Converting Colors

XYZ(72.9494, 74.2929, 98.2977)

Have a look what the booklet for
XYZ(72.9494, 74.2929, 98.2977)
contains.

XYZ(73.0340, 74.4875, 98.5239)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(73.0340, 74.4875,
98.5239)**

Conversions

Conversions Part 1

Format	Color
Hex	DEDEF7
RGB	222, 222, 247
RGB Percent	87%, 87%, 97%
CMY	0.1294, 0.1294, 0.0314
CMYK	0.10, 0.10, 0.00, 0.03
HSL	240°, 61%, 92%
HSV	240°, 10%, 97%
XYZ	73.0340, 74.4875, 98.5239
YIQ	224.8500, -8.0250, 7.7750

Conversions

Conversions Part 2

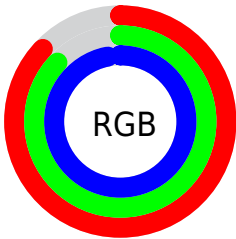
Format	Color
R _Y B	222, 222, 247
Decimal	14606071
CIE Lab	89.15, 4.72, -12.15
CIE LCh	89, 13.033, 291.242
Yxy	74.4875, 0.2968, 0.3027
Android (android.graphics.Color)	4292796151 (0xFFDEDEF7)
YUV	224.8500, 10.9199, -2.4995
Hunter-Lab	86.3061, 0.0146, -7.2690

Details

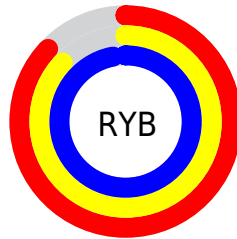
The XYZ color **73.0340, 74.4875, 98.5239** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **84.8038, 91.5692, 82.3138**, and the grayscale version is **71.3903, 75.1082, 81.7928**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.1590, 39.6145, 54.8727** is the 20% darker color. If you saturate the color by 10%, you get **59.9300, 58.6989, 96.1682**, and if you desaturate by 10%, it is **88.2115, 92.7753, 101.2550**.

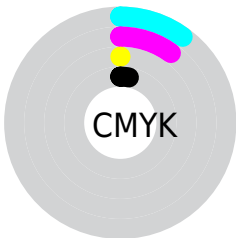
Distribution



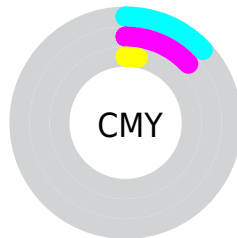
- Red (87%)
- Green (87%)
- Blue (97%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 73.0340, 74.4875, 98.5239 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 73.0340, 74.4875, 98.5239 by changing the saturation by 10% instead.

73.0340, 74.4875,
98.5239

73.0340, 74.4875,
98.5239

460.2346,
476.1542, 576.6559

54.2922, 55.1931,
74.4584

122.5283,
125.5866, 161.1613

39.0670, 39.5564,
54.6702

154.0116,
158.1602, 200.5703

26.9928, 27.1928,
38.7409

190.4728,
195.9289, 245.9309

17.7044, 17.7181,
26.2520

232.2773,
239.2772, 297.6615

10.8363, 10.7478,
16.7848

279.7903,
288.5895, 356.1808

6.0234, 5.8975,
9.9208

333.3773,

2.9001, 2.7829,

344.2502, 421.9073

5.2416

393.4036,
406.6436, 495.2595

■ 1.1011, 1.0194,
2.3285

■ 0.0261, 0.0000,
0.7471

■ 73.0340, 74.4875,
98.5239

■ 73.0340, 74.4875,
98.5239

■ 59.9300, 58.6989,
96.1682

■ 88.2115, 92.7753,
101.2550

■ 48.8033, 45.2922,
94.1669

■ 93.7887, 99.4955,
102.2582

■ 39.5599, 34.1546,
92.5043

■ 32.0956, 25.1606,
91.1617

■ 26.2963, 18.1726,
90.1185

■ 22.0343, 13.0370,
89.3519

■ 19.1637, 9.5778,
88.8355

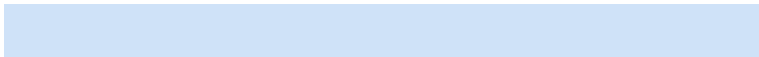
■ 17.5105, 7.5856,
88.5381

■ 16.7890, 6.7161,
88.4083

Harmonies

Analogous

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



69.8722, 74.4875, 99.6489



73.0340, 74.4875, 98.5239



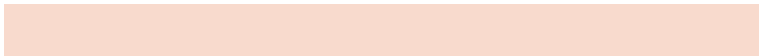
75.6683, 74.4875, 92.5546

Triad

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



73.0340, 74.4875, 98.5239



74.6909, 74.4875, 68.2150



64.9318, 74.4875, 78.4699

Complementary

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



73.0340, 74.4875, 98.5239



84.8038, 91.5692, 82.3138

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.



66.1416, 74.4875, 70.6395



73.0340, 74.4875, 98.5239



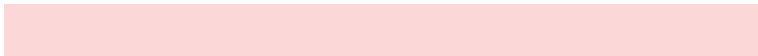
71.7322, 74.4875, 65.0161

Square

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



73.0340, 74.4875, 98.5239



76.6446, 74.4875, 74.9307



68.6084, 74.4875, 65.8693



65.2568, 74.4875, 87.6078

Rectangle

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



73.0340, 74.4875, 98.5239



76.7401, 74.4875, 86.8601



68.6084, 74.4875, 65.8693



65.1711, 74.4875, 75.6084

Sweetspot

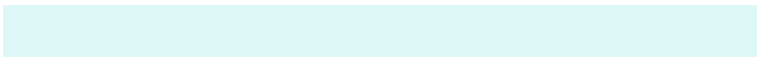
The Sweet Spot groups the original color and five complimentary colors.



73.0362, 74.4906, 98.5255



89.8995, 93.7942, 107.9736



80.1106, 88.7422, 100.5668



18.9551, 19.7299, 23.0592



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.



73.0362, 74.4906, 98.5255



75.6788, 76.6596, 105.4158



76.8703, 76.4661, 98.7048



15.5814, 15.9270, 20.7956



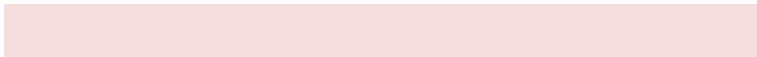
8.8791, 3.5520, 46.7556



0.7804, 0.3123, 4.1094

Inverse Universe

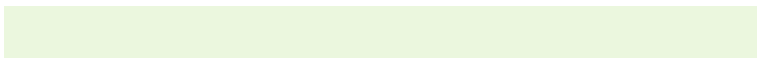
The Inverse Universe completely reimagines the original color for something new.



77.6656, 77.2924, 79.9362



81.5126, 80.1903, 81.9902



80.6804, 89.4448, 82.1211



16.4993, 16.4826, 17.1098



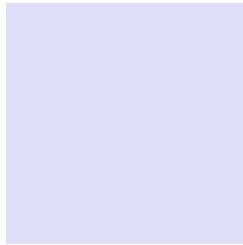
20.2863, 10.4579, 0.9499



1.7830, 0.9192, 0.0836

Previews

White Background



This preview shows how the XYZ color 73.0340, 74.4875, 98.5239 looks on a white background.

Color Contrast Check

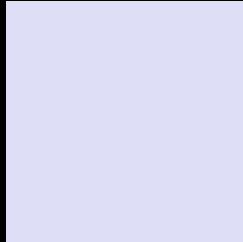
Large Text (above 18pt) WCAG AA × Fail

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 73.0340, 74.4875, 98.5239 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

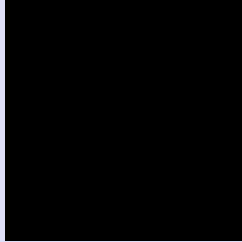
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 73.0340, 74.4875, 98.5239

Background



This preview shows how black text looks on a background with the XYZ color 73.0340, 74.4875, 98.5239.

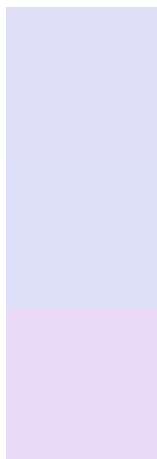


This preview shows how white text looks on a background with the XYZ color 73.0340, 74.4875,

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

73.0340, 74.4875, 98.5239

Protanopia

72.7286, 74.3301, 98.5096

Deuteranopia

75.9464, 74.4125, 99.1672



Tritanopia

72.0837, 74.4984, 93.7995

Trichromacy



Original Color

73.0340, 74.4875, 98.5239

Protanomaly

72.7286, 74.3301, 98.5096

Deuteranomaly

74.9079, 74.2633, 99.1931

Tritanomaly

72.3841, 74.6186, 95.3818

Monochromacy



Original Color

73.0340, 74.4875, 98.5239

Achromatopsia

71.5672, 75.2942, 81.9954

Achromatomaly

72.1041, 75.0418, 87.7750

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.0340, 74.4875, 98.5239 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(222, 222, 247)` looks like.

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

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

Border

The CSS property to change the border of an element to XYZ 73.0340, 74.4875, 98.5239 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(222, 222, 247) }
```


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

```
.border{ border-color:rgb(222, 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(222, 222, 247)` colored shadow looks like.

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

Background

The CSS property to change the background color of an element to XYZ 73.0340, 74.4875, 98.5239 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

```
.background{ background-color: rgb(222,  
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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor