

Converting Colors

XYZ(73.4548, 74.9178, 90.6358)

Have a look what the booklet for
XYZ(73.4548, 74.9178, 90.6358)
contains.

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Color

**XYZ(73.4022, 74.8510,
90.6997)**

Conversions

Conversions Part 1

Format	Color
Hex	E4DEED
RGB	228, 222, 237
RGB Percent	89%, 87%, 93%
CMY	0.1059, 0.1294, 0.0706
CMYK	0.04, 0.06, 0.00, 0.07
HSL	264°, 29%, 90%
HSV	264°, 6%, 93%
XYZ	73.4022, 74.8510, 90.6997
YIQ	225.5040, -1.2390, 5.9370

Conversions

Conversions Part 2

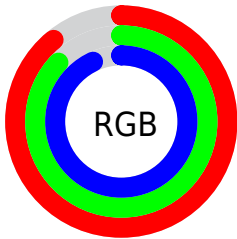
Format	Color
R _Y B	228, 222, 237
Decimal	14999277
CIE Lab	89.32, 4.75, -6.59
CIE LCh	89, 8.126, 305.805
Yxy	74.8510, 0.3072, 0.3132
Android (android.graphics.Color)	4293189357 (0xFFE4DEED)
YUV	225.5040, 5.6675, 2.1890
Hunter-Lab	86.5165, 0.0389, -1.5952

Details

The XYZ color **73.4022, 74.8510, 90.6997** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **76.4269, 82.8333, 81.0714**, and the grayscale version is **71.8937, 75.6378, 82.3695**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.3928, 39.8579, 49.3332** is the 20% darker color. If you saturate the color by 10%, you get **63.2169, 60.9051, 88.5458**, and if you desaturate by 10%, it is **84.8479, 90.7643, 93.1691**.

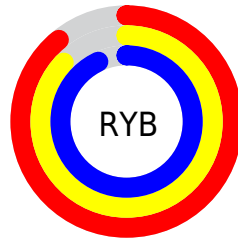
Distribution



Red (89%)

Green (87%)

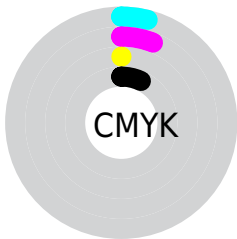
Blue (93%)



Red (89%)

Yellow (87%)

Blue (93%)

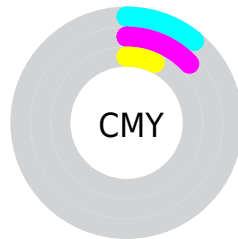


Cyan (4%)

Magenta (6%)

Yellow (0%)

Black (7%)



Cyan (11%)

Magenta (13%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 73.4022, 74.8510, 90.6997 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 73.4022, 74.8510, 90.6997 by changing the saturation by 10% instead.

73.4022, 74.8510,
90.6997

73.4022, 74.8510,
90.6997

461.4898,
477.4053, 550.9331

54.5944, 55.4908,
67.9841

123.0481,
126.1014, 150.2539

39.3097, 39.7948,
49.4182

154.6169,
158.7605, 187.9297

27.1825, 27.3786,
34.5834

191.1701,
196.6213, 231.4292

17.8476, 17.8578,
23.0612

233.0731,
240.0682, 281.1711

10.9397, 10.8479,
14.4330

280.6912,
289.4857, 337.5739

6.0933, 5.9647,
8.2802

334.3898,

2.9431, 2.8236,

345.2581, 401.0562

4.1844

394.5342,
407.7698, 472.0363

■ 1.1237, 1.0403,
1.7271

■ 0.0448, 0.0000,
0.3792

■ 73.4022, 74.8510,
90.6997

■ 73.4022, 74.8510,
90.6997

■ 63.2169, 60.9051,
88.5458

■ 84.8479, 90.7643,
93.1691

■ 54.2399, 48.8390,
86.6900

■ 92.2863, 98.8945,
94.3464

■ 46.4248, 38.5725,
85.1202

■ 39.7198, 30.0161,
83.8221

■ 34.0685, 23.0720,
82.7796

■ 29.4092, 17.6324,
81.9752

■ 25.6731, 13.5759,
81.3892

■ 22.7806, 10.7610,
80.9983

■ 20.6348, 9.0120,
80.7738

Harmonies

Analogous

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



71.5307, 74.8510, 92.8773



73.4022, 74.8510, 90.6997



74.6857, 74.8510, 86.0671

Triad

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



73.4022, 74.8510, 90.6997



72.7209, 74.8510, 71.9215



67.4100, 74.8510, 82.6117

Complementary

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



73.4022, 74.8510, 90.6997



76.4269, 82.8333, 81.0714

Split Complementary

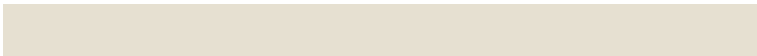
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



67.7154, 74.8510, 77.0974



73.4022, 74.8510, 90.6997



70.7579, 74.8510, 71.0920

Square

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



73.4022, 74.8510, 90.6997



74.2873, 74.8510, 75.2650



68.9319, 74.8510, 72.9444



68.0899, 74.8510, 88.0702

Rectangle

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



73.4022, 74.8510, 90.6997



75.0223, 74.8510, 82.3030



68.9319, 74.8510, 72.9444



67.4010, 74.8510, 80.7022

Sweetspot

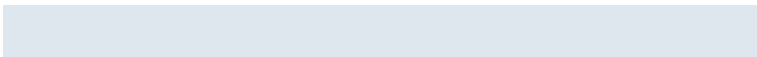
The Sweet Spot groups the original color and five complimentary colors.



73.4044, 74.8542, 90.7013



92.3274, 96.2132, 108.3126



74.0589, 78.9385, 91.4552



19.7904, 20.6333, 23.1895



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.



73.4044, 74.8542, 90.7013



84.5222, 85.4193, 106.6405



75.7532, 76.0651, 90.8113



14.8012, 14.8428, 19.0071



11.0473, 4.7310, 44.0739



0.9734, 0.4261, 3.4658

Inverse Universe

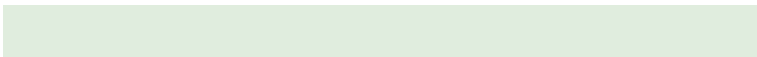
The Inverse Universe completely reimagines the original color for something new.



75.4728, 76.0201, 86.3008



87.5983, 87.1536, 100.0743



74.1347, 81.6516, 80.9641



15.4450, 15.2059, 17.6289



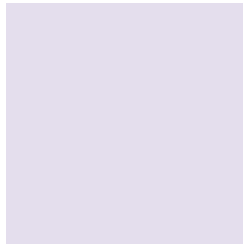
21.8098, 10.9266, 15.3315



1.7599, 0.8769, 1.4529

Previews

White Background



This preview shows how the XYZ color 73.4022, 74.8510, 90.6997 looks on a white background.

Color Contrast Check

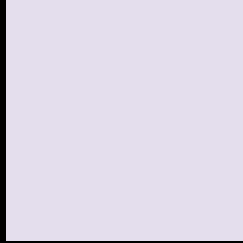
Large Text (above 18pt) WCAG AA × Fail

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 73.4022, 74.8510, 90.6997 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

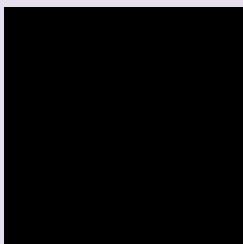
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

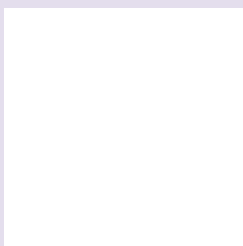
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 73.4022, 74.8510, 90.6997

Background



This preview shows how black text looks on a background with the XYZ color 73.4022, 74.8510, 90.6997.



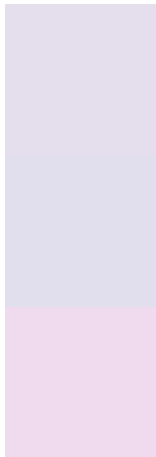
This preview shows how white text looks on a background with the XYZ color 73.4022, 74.8510,

90.6997.

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

73.4022, 74.8510, 90.6997

Protanopia

72.8716, 74.9560, 91.5161

Deuteranopia

76.4392, 74.8411, 91.3059



Tritanopia

73.6962, 74.9685, 92.2475

Trichromacy



Original Color

73.4022, 74.8510, 90.6997

Protanomaly

73.1843, 75.1172, 91.5308

Deuteranomaly

75.3562, 74.6689, 91.3298

Tritanomaly

73.5488, 74.9096, 91.4715

Monochromacy



Original Color

73.4022, 74.8510, 90.6997

Achromatopsia

72.2879, 76.0525, 82.8211

Achromatomaly

72.8867, 75.8945, 85.6705

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.4022, 74.8510, 90.6997 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(228, 222, 237) looks like.

```
.text, #text, p{  
    color:rgb(228, 222, 237)  
}
```

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(228, 222, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 222, 237) }
```

Border

The CSS property to change the border of an element to XYZ 73.4022, 74.8510, 90.6997 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(228, 222, 237) }
```


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

```
.border{ border-color:rgb(228, 222, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 222, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 222, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 222, 237);  
box-shadow:4px 4px 4px 4px rgb(228, 222,  
237) }
```

Background

The CSS property to change the background color of an element to XYZ 73.4022, 74.8510, 90.6997 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 222, 237) }
```

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

```
.background{ background-color: rgb(228,  
222, 237) }
```

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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