

Converting Colors

XYZ(75.1529, 74.1237, 99.0382)

Have a look what the booklet for
XYZ(75.1529, 74.1237, 99.0382)
contains.

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Color

**XYZ(74.9697, 73.9090,
99.1215)**

Conversions

Conversions Part 1

Format	Color
Hex	E7DAF8
RGB	231, 218, 248
RGB Percent	91%, 85%, 97%
CMY	0.0941, 0.1451, 0.0274
CMYK	0.07, 0.12, 0.00, 0.03
HSL	266°, 68%, 91%
HSV	266°, 12%, 97%
XYZ	74.9697, 73.9090, 99.1215
YIQ	225.3070, -1.8820, 12.0860

Conversions

Conversions Part 2

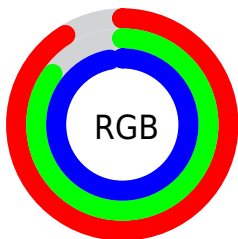
Format	Color
R _Y B	231, 218, 248
Decimal	15194872
CIE Lab	88.88, 9.91, -13.01
CIE LCh	89, 16.353, 307.298
Yxy	73.9090, 0.3023, 0.2980
Android (android.graphics.Color)	4293384952 (0xFFE7DAF8)
YUV	225.3070, 11.1876, 4.9928
Hunter-Lab	85.9703, 5.2113, -8.1805

Details

The XYZ color **74.9697, 73.9090, 99.1215** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **80.4858, 89.8608, 79.4360**, and the grayscale version is **71.7137, 75.4484, 82.1633**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.2908, 39.1141, 55.2954** is the 20% darker color. If you saturate the color by 10%, you get **64.6585, 59.7517, 96.9335**, and if you desaturate by 10%, it is **86.6118, 90.1848, 101.6506**.

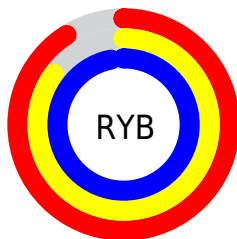
Distribution



Red (91%)

Green (85%)

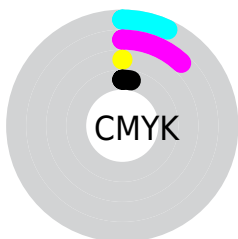
Blue (97%)



Red (91%)

Yellow (85%)

Blue (97%)

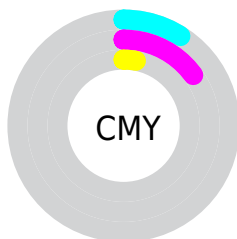


Cyan (7%)

Magenta (12%)

Yellow (0%)

Black (3%)



Cyan (9%)

Magenta (15%)

Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.9697, 73.9090, 99.1215 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 74.9697, 73.9090, 99.1215 by changing the saturation by 10% instead.

74.9697, 73.9090,
99.1215

74.9697, 73.9090,
99.1215

466.8122,
474.1592, 578.5950

55.8822, 54.7196,
74.9543

125.2576,
124.7668, 161.9907

40.3451, 39.1772,
55.0739

157.1887,
157.2040, 201.5298

27.9931, 26.8976,
39.0619

194.1316,
194.8258, 247.0299

18.4609, 17.4964,
26.4997

236.4518,
238.0167, 298.9097

11.3831, 10.5890,
16.9687

284.5146,
287.1611, 357.5875

6.3943, 5.7912,
10.0505

338.6854,

3.1292, 2.7185,

342.6434, 423.4819

5.3264

399.3295,
404.8480, 497.0116

■ 1.2225, 0.9866,
2.3779

■ 0.1240, 0.0000,
0.7744

■ 74.9697, 73.9090,
99.1215

■ 74.9697, 73.9090,
99.1215

■ 64.6585, 59.7517,
96.9335

■ 86.6118, 90.1848,
101.6506

■ 55.6204, 47.6139,
95.0670

■ 93.9435, 99.5574,
103.0732

■ 47.8032, 37.4025,
93.5080

■ 41.1478, 29.0135,
92.2395

■ 35.5900, 22.3325,
91.2429

■ 31.0585, 17.2318,
90.4972

■ 27.4723, 13.5647,
89.9784

■ 24.7350, 11.1551,
89.6576

■ 23.0618, 9.9315,
89.5096

Harmonies

Analogous

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



71.2211, 73.9090, 104.1307



74.9697, 73.9090, 99.1215



77.5183, 73.9090, 89.1979

Triad

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



74.9697, 73.9090, 99.1215



73.2317, 73.9090, 61.9668



62.9548, 73.9090, 83.2797

Complementary

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



74.9697, 73.9090, 99.1215



80.4858, 89.8608, 79.4360

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.



63.4477, 73.9090, 72.3389



74.9697, 73.9090, 99.1215



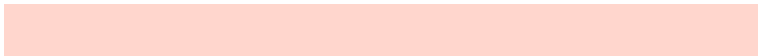
69.2844, 73.9090, 60.7030

Square

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



74.9697, 73.9090, 99.1215



76.4888, 73.9090, 67.9564



65.7294, 73.9090, 64.3260



64.3568, 73.9090, 94.4422

Rectangle

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



74.9697, 73.9090, 99.1215



78.1416, 73.9090, 81.5080



65.7294, 73.9090, 64.3260



62.9053, 73.9090, 79.4494

Sweetspot

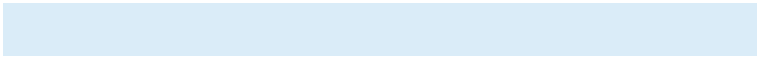
The Sweet Spot groups the original color and five complimentary colors.



74.9719, 73.9121, 99.1231



89.7872, 92.5840, 107.7459



75.7110, 81.3887, 100.5273



19.0119, 19.5272, 23.0170



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.



74.9719, 73.9121, 99.1231



76.5083, 74.0950, 104.8771



79.8477, 76.4257, 99.3513



16.9964, 17.0108, 21.7729



12.6117, 5.4443, 48.3597



1.2870, 0.5656, 4.4845

Inverse Universe

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



78.7807, 76.1006, 89.1373



81.4839, 76.9551, 91.7772



75.8916, 87.4924, 79.2210



17.6567, 17.3900, 20.0480



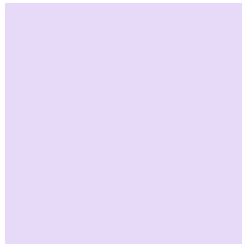
23.5625, 11.8407, 14.9367



2.2355, 1.1179, 1.6635

Previews

White Background



This preview shows how the XYZ color 74.9697, 73.9090, 99.1215 looks on a white background.

Color Contrast Check

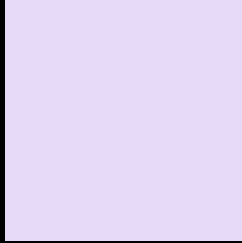
Large Text (above 18pt) WCAG AA × Fail

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 74.9697, 73.9090, 99.1215 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

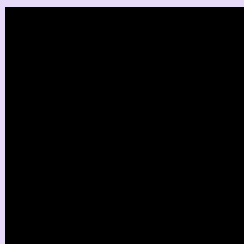
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 74.9697, 73.9090, 99.1215

Background



This preview shows how black text looks on a background with the XYZ color 74.9697, 73.9090, 99.1215.



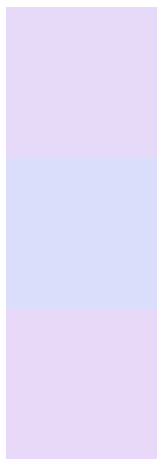
This preview shows how white text looks on a background with the XYZ color 74.9697, 73.9090,

99.1215.

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

74.9697, 73.9090, 99.1215

Protanopia

72.5900, 74.2047, 100.9395

Deuteranopia

75.3604, 73.7267, 99.0657



Tritanopia

73.1924, 73.9588, 90.5386

Trichromacy



Original Color

74.9697, 73.9090, 99.1215

Protanomaly

73.3868, 74.2404, 100.0845

Deuteranomaly

75.0348, 73.5588, 99.0504

Tritanomaly

73.8418, 73.8369, 93.5792

Monochromacy



Original Color

74.9697, 73.9090, 99.1215

Achromatopsia

71.5672, 75.2942, 81.9954

Achromatomaly

72.5078, 74.4566, 87.6408

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.9697, 73.9090, 99.1215 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(231, 218, 248)` looks like.

```
.text, #text, p{  
    color:rgb(231, 218, 248)  
}
```

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(231, 218, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 218, 248) }
```

Border

The CSS property to change the border of an element to XYZ 74.9697, 73.9090, 99.1215 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(231, 218, 248) }
```


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

```
.border{ border-color:rgb(231, 218, 248) }
```

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

Here you see how a box with a 4 pixel rgb(231, 218, 248) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 218, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 218, 248);  
box-shadow:4px 4px 4px 4px rgb(231, 218,  
248) }
```

Background

The CSS property to change the background color of an element to XYZ 74.9697, 73.9090, 99.1215 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 218, 248) }
```

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

```
.background{ background-color: rgb(231,  
218, 248) }
```

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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