

Converting Colors

XYZ(73.2475, 74.2925, 94.4837)

Have a look what the booklet for
XYZ(73.2475, 74.2925, 94.4837)
contains.

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Color

**XYZ(73.2475, 74.2925,
94.4837)**

Conversions

Conversions Part 1

Format	Color
Hex	E2DDF2
RGB	226, 221, 242
RGB Percent	89%, 87%, 95%
CMY	0.1137, 0.1333, 0.0510
CMYK	0.07, 0.09, 0.00, 0.05
HSL	254°, 45%, 91%
HSV	254°, 9%, 95%
XYZ	73.2475, 74.2925, 94.4837
YIQ	224.8890, -3.7610, 7.5910

Conversions

Conversions Part 2

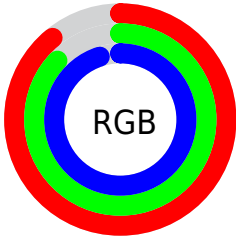
Format	Color
R _Y B	226, 221, 242
Decimal	14867954
CIE Lab	89.06, 5.56, -9.62
CIE LCh	89, 11.117, 300.030
Yxy	74.2925, 0.3026, 0.3070
Android (android.graphics.Color)	4293058034 (0xFFE2DDF2)
YUV	224.8890, 8.4357, 0.9743
Hunter-Lab	86.1931, 0.8526, -4.6577

Details

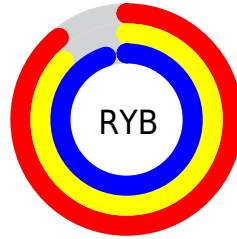
The XYZ color **73.2475, 74.2925, 94.4837** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **79.7311, 86.7312, 80.9489**, and the grayscale version is **71.4335, 75.1536, 81.8422**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.2937, 39.4755, 52.0029** is the 20% darker color. If you saturate the color by 10%, you get **61.8383, 59.6013, 92.2505**, and if you desaturate by 10%, it is **86.2040, 91.1525, 97.0563**.

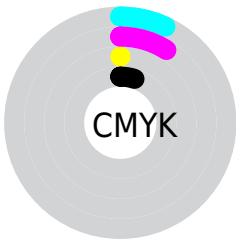
Distribution



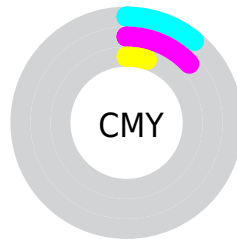
- Red (89%)
- Green (87%)
- Blue (95%)



- Red (89%)
- Yellow (87%)
- Blue (95%)



- Cyan (7%)
- Magenta (9%)
- Yellow (0%)
- Black (5%)



- Cyan (11%)
- Magenta (13%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 73.2475, 74.2925, 94.4837 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 73.2475, 74.2925, 94.4837 by changing the saturation by 10% instead.

73.2475, 74.2925,
94.4837

73.2475, 74.2925,
94.4837

460.9627,
475.4823, 563.4528

54.4675, 55.0335,
71.1108

122.8297,
125.3104, 155.5406

39.2077, 39.4285,
51.9503

154.3627,
157.8380, 194.0616

27.1028, 27.0933,
36.5835

190.8772,
195.5573, 238.4692

17.7874, 17.6433,
24.5919

232.7389,
238.8526, 289.1817

10.8962, 10.6942,
15.5570

280.3129,
288.1084, 346.6178

6.0639, 5.8616,
9.0603

333.9646,

2.9250, 2.7611,

343.7090, 411.1960

4.6832

394.0594,
406.0388, 483.3348

■ 1.1142, 1.0083,
2.0071

■ 0.0370, 0.0000,
0.5597

■ 73.2475, 74.2925,
94.4837

■ 73.2475, 74.2925,
94.4837

■ 61.8383, 59.6013,
92.2505

■ 86.2040, 91.1525,
97.0563

■ 51.9111, 46.9809,
90.3377

■ 93.0272, 99.1909,
98.2482

■ 43.4054, 36.3398,
88.7321

■ 36.2539, 27.5759,
87.4174

■ 30.3839, 20.5777,
86.3760

■ 25.7152, 15.2218,
85.5883

■ 22.1582, 11.3684,
85.0320

■ 19.6092, 8.8532,
84.6808

■ 17.9274, 7.4421,
84.4971

Harmonies

Analogous

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



70.6155, 74.2925, 96.7185



73.2475, 74.2925, 94.4837



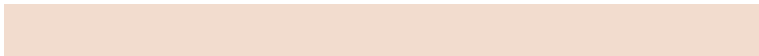
75.2144, 74.2925, 88.5625

Triad

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



73.2475, 74.2925, 94.4837



73.2427, 74.2925, 68.6634



65.5389, 74.2925, 80.8997

Complementary

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



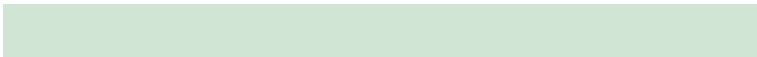
73.2475, 74.2925, 94.4837



79.7311, 86.7312, 80.9489

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.



66.2028, 74.2925, 73.6775



73.2475, 74.2925, 94.4837



70.6101, 74.2925, 66.8935

Square

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



73.2475, 74.2925, 94.4837



75.2116, 74.2925, 73.6648



68.0420, 74.2925, 68.6704



66.2054, 74.2925, 88.5768

Rectangle

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



73.2475, 74.2925, 94.4837



75.8596, 74.2925, 83.4980



68.0420, 74.2925, 68.6704



65.6137, 74.2925, 78.3406

Sweetspot

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



73.2497, 74.2957, 94.4853



90.5456, 94.1269, 108.0038



76.1615, 82.4115, 95.8984



19.1286, 19.8192, 23.0673



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.



73.2497, 74.2957, 94.4853



80.6568, 81.2948, 106.0481



76.6109, 76.0284, 94.6426



15.2494, 15.4103, 19.8924



9.6354, 3.9726, 45.3868



0.8874, 0.3748, 3.7798

Inverse Universe

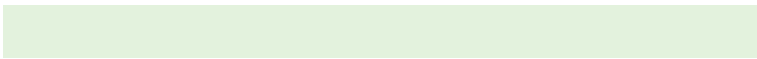
The Inverse Universe completely reimagines the original color for something new.



77.7631, 76.7079, 90.8321



86.4861, 84.4110, 101.3013



76.3583, 84.9925, 80.7910



16.2840, 15.9633, 19.0519



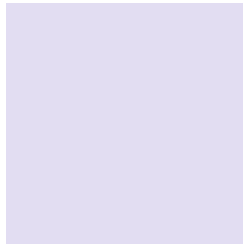
24.3983, 12.0318, 25.8118



2.0679, 1.0162, 2.3487

Previews

White Background



This preview shows how the XYZ color 73.2475, 74.2925, 94.4837 looks on a white background.

Color Contrast Check

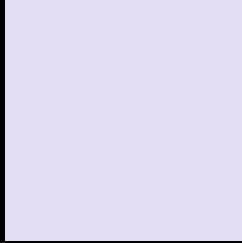
Large Text (above 18pt) WCAG AA × Fail

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 73.2475, 74.2925, 94.4837 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

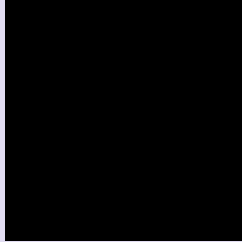
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

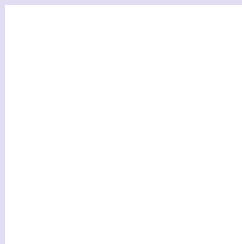
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 73.2475, 74.2925, 94.4837

Background



This preview shows how black text looks on a background with the XYZ color 73.2475, 74.2925, 94.4837.



This preview shows how white text looks on a background with the XYZ color 73.2475, 74.2925,

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

73.2475, 74.2925, 94.4837

Protanopia

72.4231, 74.2432, 95.3073

Deuteranopia

75.9156, 74.1013, 95.0958



Tritanopia

72.8005, 74.1136, 92.1297

Trichromacy



Original Color

73.2475, 74.2925, 94.4837

Protanomaly

72.7304, 74.4016, 95.3217

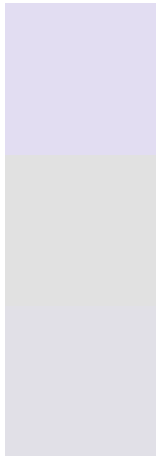
Deuteranomaly

74.8533, 73.9375, 95.1202

Tritanomaly

72.9487, 74.1729, 92.9101

Monochromacy



Original Color

73.2475, 74.2925, 94.4837

Achromatopsia

71.5672, 75.2942, 81.9954

Achromatomaly

72.1308, 75.0884, 86.2931

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.2475, 74.2925, 94.4837 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(226, 221, 242) looks like.

```
.text, #text, p{  
    color:rgb(226, 221, 242)  
}
```

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(226, 221, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 221, 242) }
```

Border

The CSS property to change the border of an element to XYZ 73.2475, 74.2925, 94.4837 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(226, 221, 242) }
```


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

```
.border{ border-color:rgb(226, 221, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 221, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 221, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 221, 242);  
box-shadow:4px 4px 4px 4px rgb(226, 221,  
242) }
```

Background

The CSS property to change the background color of an element to XYZ 73.2475, 74.2925, 94.4837 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 221, 242) }
```

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

```
.background{ background-color: rgb(226,  
221, 242) }
```

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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