

Converting Colors

XYZ(74.1366, 72.4668, 94.6090)

Have a look what the booklet for
XYZ(74.1366, 72.4668, 94.6090)
contains.

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Color

**XYZ(74.0824, 72.3956,
94.8632)**

Conversions

| Conversions Part 1 | |
|--------------------|---------------------------|
| Format | Color |
| Hex | E9D7F3 |
| RGB | 233, 215, 243 |
| RGB Percent | 91%, 84%, 95% |
| CMY | 0.0863, 0.1568, 0.0471 |
| CMYK | 0.04, 0.12, 0.00, 0.05 |
| HSL | 279°, 54%, 90% |
| HSV | 279°, 12%, 95% |
| XYZ | 74.0824, 72.3956, 94.8632 |
| YIQ | 223.5740, 1.7400, 12.5240 |

Conversions

Conversions Part 2

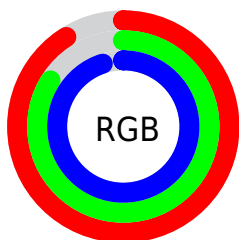
| Format | Color |
|-------------------------------------|--|
| RYB | 233, 215, 243 |
| Decimal | 15325171 |
| CIELab | 88.16, 11.19, -11.43 |
| CIELCh | 88, 15.996, 314.370 |
| Yxy | 72.3956, 0.3070, 0.3000 |
| Android (android.graphics.Color) | 4293515251 (0xFFE9D7F3) |
| YUV | 223.5740, 9.5770, 8.2666 |
| Hunter-Lab | 85.0856, 6.5167, -6.5434 |

Details

The XYZ color **74.0824, 72.3956, 94.8632** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **75.3703, 85.0169, 76.7310**, and the grayscale version is **70.4825, 74.1531, 80.7527**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.6719, 38.0766, 52.2723** is the 20% darker color. If you saturate the color by 10%, you get **65.5849, 59.5032, 92.8237**, and if you desaturate by 10%, it is **83.6425, 87.2041, 97.2187**.

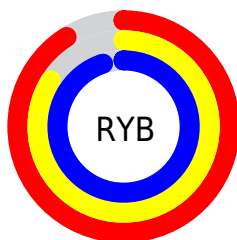
Distribution



Red (91%)

Green (84%)

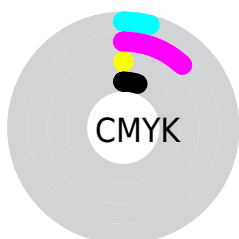
Blue (95%)



Red (91%)

Yellow (84%)

Blue (95%)

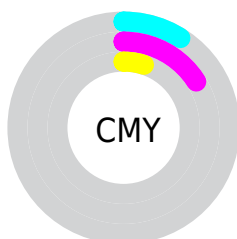


Cyan (4%)

Magenta (12%)

Yellow (0%)

Black (5%)



Cyan (9%)


Magenta (16%)


Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 74.0824, 72.3956, 94.8632 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 74.0824, 72.3956, 94.8632 by changing the saturation by 10% instead.


 74.0824, 72.3956,
94.8632

 74.0824, 72.3956,
94.8632


463.8036,
468.9174, 564.7001

 55.1530, 53.4819,
71.4249


124.0075,
122.6188, 156.0695

 39.7586, 38.1876,
52.2050


155.7339,
154.6971, 194.6746

 27.5337, 26.1283,
36.7852


192.4567,
191.9324, 239.1724

 18.1131, 16.9197,
24.7467

234.5412,
234.7090, 289.9814

 11.1314, 10.1772,
15.6711

282.3528,
283.4115, 347.5201

 6.2232, 5.5166,
9.1399


336.2568,


 3.0232, 2.5535,


338.4241, 412.2071


4.7345


396.6186,
400.1312, 484.4609


 1.1661, 0.9033,
2.0363


 0.0793, 0.0000,
0.5775


 74.0824, 72.3956,
94.8632


 74.0824, 72.3956,
94.8632

 65.5849, 59.5032,
92.8237


 83.6425, 87.2041,
97.2187

 58.1014, 48.4357,
91.0819

 91.4916, 98.3818,
98.9626

 51.5884, 39.1085,
89.6248

 93.1779, 99.2511,
99.0415

 45.9970, 31.4265,
88.4367

■ 41.2732, 25.2850,
87.5003

■ 37.3571, 20.5673,
86.7961

■ 34.1799, 17.1391,
86.3018

■ 31.6593, 14.8395,
85.9908

■ 29.9283, 13.5597,
85.8350

Harmonies

Analogous

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



70.6515, 72.3956, 101.0432



74.0824, 72.3956, 94.8632



76.1388, 72.3956, 84.6390

Triad

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



74.0824, 72.3956, 94.8632



70.8105, 72.3956, 60.2314



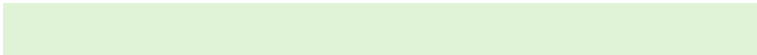
61.9280, 72.3956, 84.1708

Complementary

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



74.0824, 72.3956, 94.8632



75.3703, 85.0169, 76.7310

Split Complementary

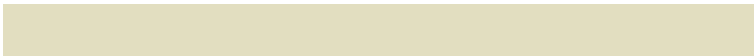
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



61.9670, 72.3956, 73.2864



74.0824, 72.3956, 94.8632



67.0005, 72.3956, 60.1313

Square

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



74.0824, 72.3956, 94.8632



74.2026, 72.3956, 64.9948



63.7936, 72.3956, 64.7074



63.6849, 72.3956, 94.4932

Rectangle

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



74.0824, 72.3956, 94.8632



76.4072, 72.3956, 77.2323



63.7936, 72.3956, 64.7074



61.7336, 72.3956, 80.4425

Sweetspot

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



74.0845, 72.3987, 94.8648



91.6598, 94.7012, 108.0559



71.2022, 74.9159, 95.5026



19.4290, 19.9741, 23.0813



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.



74.0845, 72.3987, 94.8648



80.1633, 76.9610, 105.2376



76.8841, 73.9064, 92.0827



16.6059, 16.4550, 20.8435



16.5778, 7.5205, 47.1159



1.5687, 0.7186, 4.1463

Inverse Universe

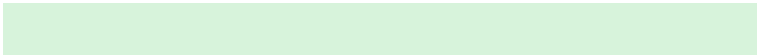
The Inverse Universe completely reimagines the original color for something new.



74.8557, 73.0950, 81.4011



81.2226, 77.9088, 87.1391



72.8286, 83.6506, 79.1449



16.7436, 16.5803, 18.3966



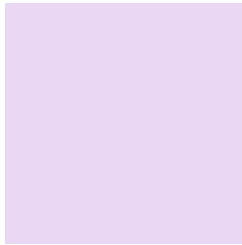
21.2840, 10.8570, 6.2039



1.9178, 0.9731, 0.7937

Previews

White Background



This preview shows how the XYZ color 74.0824, 72.3956, 94.8632 looks on a white background.

Color Contrast Check

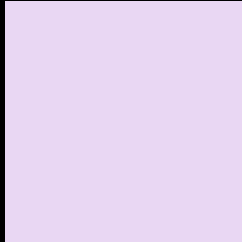
Large Text (above 18pt) WCAG AA × Fail

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 74.0824, 72.3956, 94.8632 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

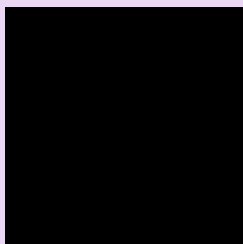
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 74.0824, 72.3956, 94.8632

Background



This preview shows how black text looks on a background with the XYZ color 74.0824, 72.3956, 94.8632.

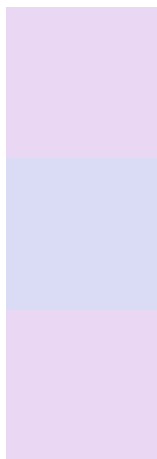


This preview shows how white text looks on a background with the XYZ color 74.0824, 72.3956,

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

74.0824, 72.3956, 94.8632

Protanopia

71.1412, 72.7456, 97.4805

Deuteranopia

74.0824, 72.3956, 94.8632



Tritanopia

72.9428, 72.7220, 88.0342

Trichromacy



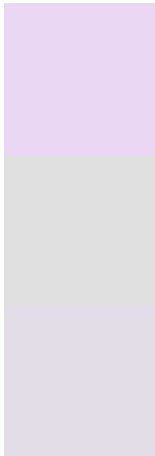
Original Color
74.0824, 72.3956, 94.8632

Protanomaly
71.9843, 72.4234, 96.5713

Deuteranomaly
74.0824, 72.3956, 94.8632

Tritanomaly
73.1206, 72.3820, 90.2380

Monochromacy



Original Color
74.0824, 72.3956, 94.8632

Achromatopsia
70.8507, 74.5404, 81.1745

Achromatomaly
71.9588, 73.8133, 86.0561

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.0824, 72.3956, 94.8632 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(233, 215, 243) looks like.

```
.text, #text, p{  
    color:rgb(233, 215, 243)  
}
```

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(233, 215, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 215, 243) }
```

Border

The CSS property to change the border of an element to XYZ 74.0824, 72.3956, 94.8632 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(233, 215, 243) }
```


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

```
.border{ border-color:rgb(233, 215, 243) }
```

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

Here you see how a box with a 4 pixel rgb(233, 215, 243) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 215, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 215, 243);  
box-shadow:4px 4px 4px 4px rgb(233, 215,  
243) }
```

Background

The CSS property to change the background color of an element to XYZ 74.0824, 72.3956, 94.8632 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 215, 243) }
```

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

```
.background{ background-color: rgb(233,  
215, 243) }
```

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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