

Converting Colors

XYZ(71.5654, 69.9918, 93.7423)

Have a look what the booklet for
XYZ(71.5654, 69.9918, 93.7423)
contains.

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Color

**XYZ(71.5654, 69.9918,
93.7423)**

Conversions

Conversions Part 1

Format	Color
Hex	E4D4F2
RGB	228, 212, 242
RGB Percent	89%, 83%, 95%
CMY	0.1059, 0.1686, 0.0510
CMYK	0.06, 0.12, 0.00, 0.05
HSL	272°, 54%, 89%
HSV	272°, 12%, 95%
XYZ	71.5654, 69.9918, 93.7423
YIQ	220.2040, -0.0940, 12.7220

Conversions

Conversions Part 2

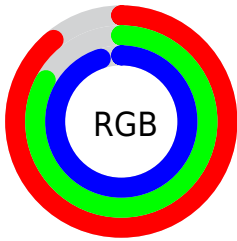
Format	Color
RYB	228, 212, 242
Decimal	14996722
CIELab	86.99, 10.94, -12.69
CIElCh	87, 16.754, 310.765
Yxy	69.9918, 0.3041, 0.2975
Android (android.graphics.Color)	4293186802 (0xFFE4D4F2)
YUV	220.2040, 10.7454, 6.8371
Hunter-Lab	83.6611, 6.2856, -7.8717

Details

The XYZ color **71.5654, 69.9918, 93.7423** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **75.0025, 84.4284, 74.6341**, and the grayscale version is **68.0991, 71.6456, 78.0220**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **37.9332, 36.4298, 51.4867** is the 20% darker color. If you saturate the color by 10%, you get **62.4971, 57.0010, 91.7138**, and if you desaturate by 10%, it is **81.7786, 84.9225, 96.0870**.

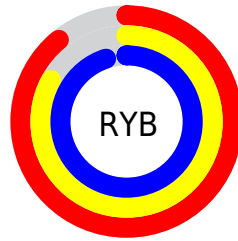
Distribution



Red (89%)

Green (83%)

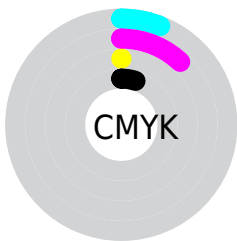
Blue (95%)



Red (89%)

Yellow (83%)

Blue (95%)

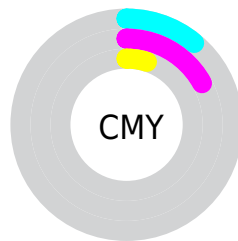


Cyan (6%)

Magenta (12%)

Yellow (0%)

Black (5%)



Cyan (11%)

Magenta (17%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 71.5654, 69.9918, 93.7423 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 71.5654, 69.9918, 93.7423 by changing the saturation by 10% instead.

71.5654, 69.9918,
93.7423

71.5654, 69.9918,
93.7423

455.2086,
460.5212, 561.0119

53.0879, 51.5199,
70.4975

120.4526,
119.1971, 154.5065

38.1007, 36.6225,
51.4529

151.5930,
150.6992, 192.8630

26.2384, 24.9153,
36.1900

187.6851,
187.3134, 237.0938

17.1357, 16.0140,
24.2901

229.0943,
229.4243, 287.6175

10.4272, 9.5341,
15.3348

276.1859,
277.4161, 344.8526

5.7475, 5.0911,
8.9054

329.3252,

2.7314, 2.3008,

331.6732, 409.2177

4.5836

388.8777,
392.5802, 481.1313

■ 1.0134, 0.7742,
1.9507

■ 0.0000, 0.0000,
0.5247

■ 71.5654, 69.9918,
93.7423

■ 71.5654, 69.9918,
93.7423

■ 62.4971, 57.0010,
91.7138

■ 81.7786, 84.9225,
96.0870

■ 54.5229, 45.8585,
89.9834

■ 91.4237, 98.3642,
98.1732

■ 47.5970, 36.4785,
88.5379

■ 93.0272, 99.1909,
98.2482

■ 41.6677, 28.7647,
87.3615

■ 36.6787, 22.6113,
86.4367

■ 32.5668, 17.8997,
85.7440

■ 29.2601, 14.4939,
85.2609

■ 26.6727, 12.2297,
84.9603

■ 25.0888, 11.0823,
84.8223

Harmonies

Analogous

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



67.9419, 69.9918, 99.4256



71.5654, 69.9918, 93.7423



73.8931, 69.9918, 83.5388

Triad

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



71.5654, 69.9918, 93.7423



69.0374, 69.9918, 57.6027



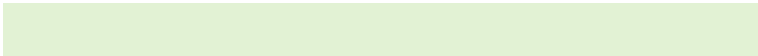
59.3966, 69.9918, 80.3097

Complementary

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



71.5654, 69.9918, 93.7423



75.0025, 84.4284, 74.6341

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.



59.6640, 69.9918, 69.3214



71.5654, 69.9918, 93.7423



65.1281, 69.9918, 56.9212

Square

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



71.5654, 69.9918, 93.7423



72.3944, 69.9918, 62.9740



61.7272, 69.9918, 61.0111



60.9819, 69.9918, 91.1798

Rectangle

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



71.5654, 69.9918, 93.7423



74.3442, 69.9918, 75.9215



61.7272, 69.9918, 61.0111



59.2744, 69.9918, 76.4976

Sweetspot

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



71.5675, 69.9948, 93.7438



90.1521, 92.7721, 107.7630



70.5136, 75.0756, 94.7801



19.1042, 19.5748, 23.0214



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.



71.5675, 69.9948, 93.7438



77.7730, 74.7469, 104.9363



76.1155, 72.3480, 93.5652



15.7022, 15.6437, 19.9136



13.6372, 6.0356, 45.5741



1.2493, 0.5613, 3.7967

Inverse Universe

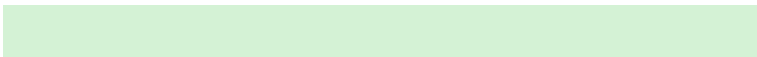
The Inverse Universe completely reimagines the original color for something new.



73.8914, 71.4584, 81.8535



80.9264, 76.7321, 88.8416



70.8530, 82.2819, 74.7697



16.0798, 15.8816, 17.9765



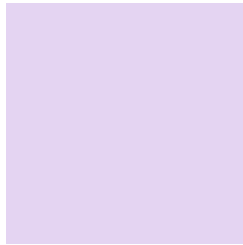
21.3387, 10.8079, 9.7001



1.8250, 0.9190, 1.0692

Previews

White Background



This preview shows how the XYZ color 71.5654, 69.9918, 93.7423 looks on a white background.

Color Contrast Check

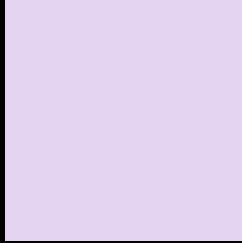
Large Text (above 18pt) WCAG AA × Fail

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 71.5654, 69.9918, 93.7423 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

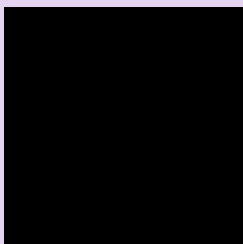
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 71.5654, 69.9918, 93.7423

Background



This preview shows how black text looks on a background with the XYZ color 71.5654, 69.9918, 93.7423.

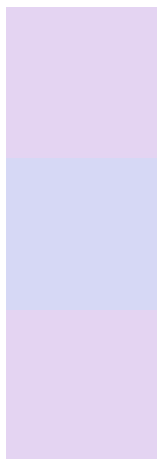


This preview shows how white text looks on a background with the XYZ color 71.5654, 69.9918,

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

71.5654, 69.9918, 93.7423

Protanopia

68.7689, 70.0004, 96.2731

Deuteranopia

71.5654, 69.9918, 93.7423



Tritanopia

69.8344, 70.0314, 85.4380

Trichromacy



Original Color

71.5654, 69.9918, 93.7423

Protanomaly

69.8430, 70.1926, 95.4554

Deuteranomaly

71.5654, 69.9918, 93.7423

Tritanomaly

70.4682, 69.9176, 88.3786

Monochromacy



Original Color

71.5654, 69.9918, 93.7423

Achromatopsia

68.0267, 71.5694, 77.9390

Achromatomaly

69.2479, 70.9151, 83.4370

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.5654, 69.9918, 93.7423 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, 212, 242)` looks like.

```
.text, #text, p{  
    color:rgb(228, 212, 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(228, 212, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 212, 242) }
```

Border

The CSS property to change the border of an element to XYZ 71.5654, 69.9918, 93.7423 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, 212, 242) }
```


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

```
.border{ border-color:rgb(228, 212, 242) }
```

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

Here you see how a box with a 4 pixel rgb(228, 212, 242) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 212, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 212, 242);  
box-shadow:4px 4px 4px 4px rgb(228, 212,  
242) }
```

Background

The CSS property to change the background color of an element to XYZ 71.5654, 69.9918, 93.7423 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 212, 242) }
```

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

```
.background{ background-color: rgb(228,  
212, 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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