

Converting Colors

XYZ(69.0123, 72.5022, 94.3614)

Have a look what the booklet for
XYZ(69.0123, 72.5022, 94.3614)
contains.

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Color

**XYZ(69.0123, 72.5022,
94.3614)**

Conversions

Conversions Part 1

Format	Color
Hex	D3DEF2
RGB	211, 222, 242
RGB Percent	83%, 87%, 95%
CMY	0.1725, 0.1294, 0.0510
CMYK	0.13, 0.08, 0.00, 0.05
HSL	219°, 54%, 89%
HSV	219°, 13%, 95%
XYZ	69.0123, 72.5022, 94.3614
YIQ	220.9910, -12.9760, 3.8880

Conversions

Conversions Part 2

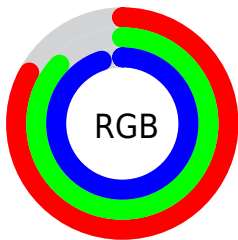
Format	Color
R _{YB}	211, 219, 242
Decimal	13885170
CIE Lab	88.21, 0.22, -11.01
CIE LCh	88, 11.011, 271.143
Yxy	72.5022, 0.2926, 0.3074
Android (android.graphics.Color)	4292075250 (0xFFD3DEF2)
YUV	220.9910, 10.3574, -8.7621
Hunter-Lab	85.1482, -4.3358, -6.1015

Details

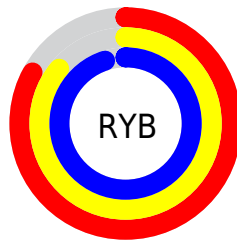
The XYZ color **69.0123, 72.5022, 94.3614** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **76.9523, 80.7322, 73.1567**, and the grayscale version is **68.6588, 72.2344, 78.6633**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **36.3919, 38.2505, 51.9194** is the 20% darker color. If you saturate the color by 10%, you get **58.6387, 61.2832, 92.7438**, and if you desaturate by 10%, it is **80.8179, 85.0331, 96.1590**.

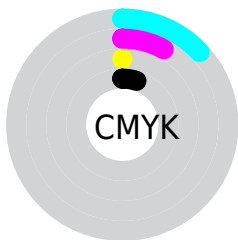
Distribution



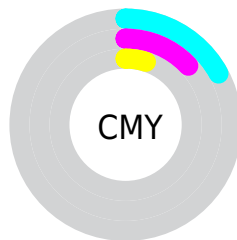
- Red (83%)
- Green (87%)
- Blue (95%)



- Red (83%)
- Yellow (86%)
- Blue (95%)



- Cyan (13%)
- Magenta (8%)
- Yellow (0%)
- Black (5%)



- Cyan (17%)
- Magenta (13%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 69.0123, 72.5022, 94.3614 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 69.0123, 72.5022, 94.3614 by changing the saturation by 10% instead.

■ 69.0123, 72.5022,
94.3614

■ 69.0123, 72.5022,
94.3614

446.3951,
469.2877, 563.0506

■ 50.9984, 53.5690,
71.0096

116.8331,
122.7703, 155.3700

■ 36.4284, 38.2572,
51.8682

147.3707,
154.8739, 193.8640

■ 24.9369, 26.1824,
36.5185

182.8137,
192.1365, 238.2424

■ 16.1585, 16.9601,
24.5420

223.5272,
234.9425, 288.9239

■ 9.7279, 10.2061,
15.5203

269.8768,
283.6762, 346.3269

■ 5.2798, 5.5358,
9.0347

322.2277,

■ 2.4488, 2.5649,

338.7220, 410.8699

4.6667

380.9454,
400.4644, 482.9717

■ 0.8695, 0.9091,
1.9978

■ 0.0000, 0.0000,
0.5539

■ 69.0123, 72.5022,
94.3614

■ 69.0123, 72.5022,
94.3614

■ 58.6387, 61.2832,
92.7438

■ 80.8179, 85.0331,
96.1590

■ 49.6336, 51.3225,
91.2958

■ 92.4641, 98.0646,
98.0605

■ 41.9386, 42.5754,
90.0130

■ 93.0272, 99.1909,
98.2483

■ 35.4878, 34.9915,
88.8892

■ 30.2095, 28.5160,
87.9175

■ 26.0241, 23.0892,
87.0906

■ 22.8407, 18.6445,
86.4005

■ 20.5512, 15.1049,
85.8379

■ 19.3464, 13.0492,
85.5046

Harmonies

Analogous

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



66.4940, 72.5022, 92.3492



69.0123, 72.5022, 94.3614



71.5656, 72.5022, 92.0281

Triad

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



69.0123, 72.5022, 94.3614



73.3404, 72.5022, 71.6715



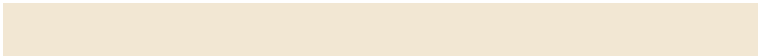
64.5671, 72.5022, 72.1427

Complementary

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



69.0123, 72.5022, 94.3614



76.9523, 80.7322, 73.1567

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.



66.3232, 72.5022, 67.1602



69.0123, 72.5022, 94.3614



71.3862, 72.5022, 66.9006

Square

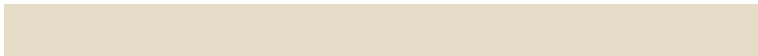
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



69.0123, 72.5022, 94.3614



74.1034, 72.5022, 78.6534



68.8101, 72.5022, 65.3021



63.9674, 72.5022, 79.2324

Rectangle

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



69.0123, 72.5022, 94.3614



72.9335, 72.5022, 88.4032



68.8101, 72.5022, 65.3021



65.0395, 72.5022, 70.1822

Sweetspot

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



69.0145, 72.5052, 94.3630



89.3332, 93.9900, 108.0413



72.9896, 83.1033, 87.5250



18.8973, 19.8817, 23.0915



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.



69.0145, 72.5052, 94.3630



74.9786, 78.7086, 105.8482



67.3863, 67.4683, 93.4766



15.3563, 16.1467, 20.0289



10.5096, 7.2434, 45.9721



0.9649, 0.7837, 3.8546

Inverse Universe

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



73.0988, 70.7414, 78.9123



80.3172, 76.4884, 85.6336



78.7264, 86.3628, 74.1500



16.0045, 15.8515, 17.5800



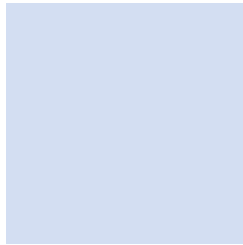
20.6304, 10.5246, 5.9701



1.7620, 0.8938, 0.7373

Previews

White Background



This preview shows how the XYZ color 69.0123, 72.5022, 94.3614 looks on a white background.

Color Contrast Check

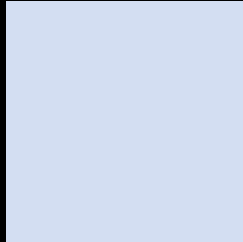
Large Text (above 18pt) WCAG AA × Fail

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 69.0123, 72.5022, 94.3614 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

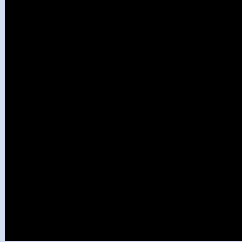
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

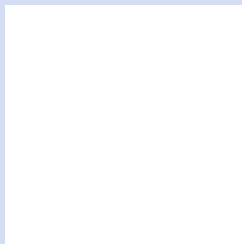
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 69.0123, 72.5022, 94.3614

Background



This preview shows how black text looks on a background with the XYZ color 69.0123, 72.5022, 94.3614.



This preview shows how white text looks on a background with the XYZ color 69.0123, 72.5022,

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

69.0123, 72.5022, 94.3614

Protanopia

70.6838, 72.5973, 93.5063

Deuteranopia

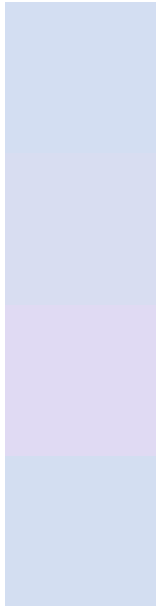
73.7568, 72.2277, 94.8480



Tritanopia

68.7134, 72.3827, 92.7877

Trichromacy



Original Color

69.0123, 72.5022, 94.3614

Protanomaly

70.0525, 72.6627, 93.5522

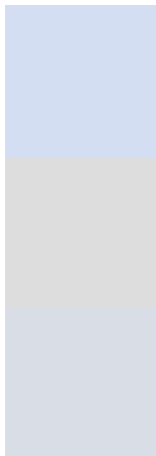
Deuteranomaly

71.9895, 72.4612, 94.9862

Tritanomaly

68.8624, 72.4423, 93.5724

Monochromacy



Original Color

69.0123, 72.5022, 94.3614

Achromatopsia

68.7264, 72.3055, 78.7407

Achromatomaly

68.6146, 72.1218, 84.4333

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.0123, 72.5022, 94.3614 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(211, 222, 242)` looks like.

```
.text, #text, p{  
    color:rgb(211, 222, 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(211, 222, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 222, 242) }
```

Border

The CSS property to change the border of an element to XYZ 69.0123, 72.5022, 94.3614 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(211, 222, 242) }
```


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

```
.border{ border-color:rgb(211, 222, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 222, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 222, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 222, 242);  
box-shadow:4px 4px 4px 4px rgb(211, 222,  
242) }
```

Background

The CSS property to change the background color of an element to XYZ 69.0123, 72.5022, 94.3614 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 222, 242) }
```

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

```
.background{ background-color: rgb(211,  
222, 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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