

Converting Colors

XYZ(72.6350, 75.1346, 99.1487)

Have a look what the booklet for
XYZ(72.6350, 75.1346, 99.1487)
contains.

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Color

**XYZ(72.5124, 74.9940,
99.4604)**

Conversions

Conversions Part 1

Format	Color
Hex	DAE0F8
RGB	218, 224, 248
RGB Percent	85%, 88%, 97%
CMY	0.1451, 0.1215, 0.0274
CMYK	0.12, 0.10, 0.00, 0.03
HSL	228°, 68%, 91%
HSV	228°, 12%, 97%
XYZ	72.5124, 74.9940, 99.4604
YIQ	224.9420, -11.2800, 6.1920

Conversions

Conversions Part 2

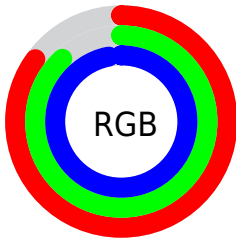
Format	Color
R _{YB}	218, 223, 248
Decimal	14344440
CIE Lab	89.39, 2.60, -12.35
CIE LCh	89, 12.620, 281.908
Yxy	74.9940, 0.2936, 0.3037
Android (android.graphics.Color)	4292534520 (0xFFDAE0F8)
YUV	224.9420, 11.3676, -6.0881
Hunter-Lab	86.5991, -2.0842, -7.4761

Details

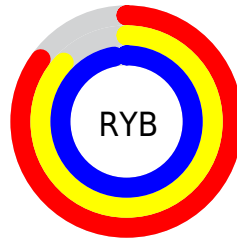
The XYZ color **72.5124, 74.9940, 99.4604** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **83.1189, 88.5225, 79.0370**, and the grayscale version is **71.4549, 75.1762, 81.8668**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.8067, 39.9682, 55.5385** is the 20% darker color. If you saturate the color by 10%, you get **60.6200, 61.4066, 97.4657**, and if you desaturate by 10%, it is **86.1409, 90.4038, 101.7177**.

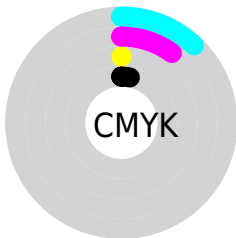
Distribution



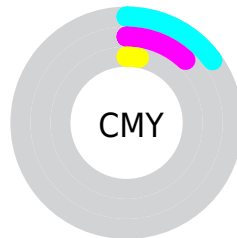
- Red (85%)
- Green (88%)
- Blue (97%)



- Red (85%)
- Yellow (87%)
- Blue (97%)



- Cyan (12%)
- Magenta (10%)
- Yellow (0%)
- Black (3%)



- Cyan (15%)
- Magenta (12%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 72.5124, 74.9940, 99.4604 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 72.5124, 74.9940, 99.4604 by changing the saturation by 10% instead.

■ 72.5124, 74.9940,
99.4604

■ 72.5124, 74.9940,
99.4604

458.4531,
477.8969, 579.6932

■ 53.8643, 55.6080,
75.2356

121.7916,
126.3039, 162.4609

■ 38.7234, 39.8887,
55.3030

153.1535,
158.9965, 202.0736

■ 26.7244, 27.4518,
39.2442

189.4839,
196.8935, 247.6527

■ 17.5019, 17.9128,
26.6404

231.1484,
240.3791, 299.6168

■ 10.6905, 10.8874,
17.0733

278.5122,
289.8379, 358.3843

■ 5.9248, 5.9912,
10.1243

331.9406,

■ 2.8397, 2.8397,

345.6542, 424.3739

5.3747

391.7992,
408.2124, 498.0040

■ 1.0695, 1.0486,
2.4062

■ 0.0000, 0.0000,
0.7898

■ 72.5124, 74.9940,
99.4604

■ 72.5124, 74.9940,
99.4604

■ 60.6200, 61.4066,
97.4657

■ 86.1409, 90.4038,
101.7177

■ 50.3866, 49.5643,
95.7193

■ 93.9435, 99.5574,
103.0733

■ 41.7392, 39.3980,
94.2128

■ 34.5966, 30.8303,
92.9355

■ 28.8700, 23.7777,
91.8760

■ 24.4613, 18.1485,
91.0219

■ 21.2590, 13.8408,
90.3592

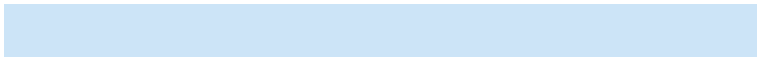
■ 19.1316, 10.7373,
89.8723

■ 18.0680, 9.0264,
89.5981

Harmonies

Analogous

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



69.4506, 74.9940, 98.9196



72.5124, 74.9940, 99.4604



75.3217, 74.9940, 94.9835

Triad

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



72.5124, 74.9940, 99.4604



75.7928, 74.9940, 70.8106



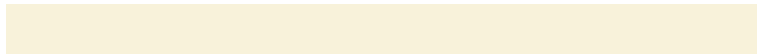
65.7803, 74.9940, 76.4853

Complementary

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



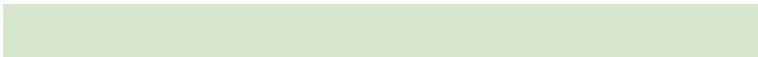
72.5124, 74.9940, 99.4604



83.1189, 88.5225, 79.0370

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.



67.3847, 74.9940, 69.6369



72.5124, 74.9940, 99.4604



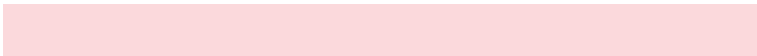
73.1404, 74.9940, 66.5273

Square

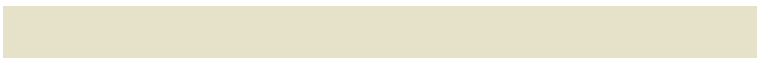
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



72.5124, 74.9940, 99.4604



77.2519, 74.9940, 78.1952



70.0607, 74.9940, 66.1138



65.6232, 74.9940, 85.2169

Rectangle

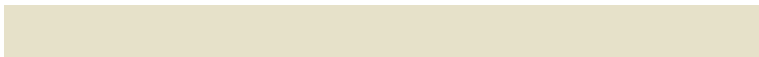
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



72.5124, 74.9940, 99.4604



76.6499, 74.9940, 89.9322



70.0607, 74.9940, 66.1138



66.1661, 74.9940, 73.9033

Sweetspot

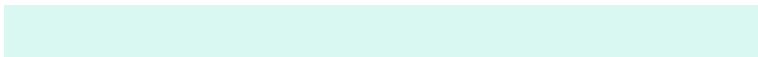
The Sweet Spot groups the original color and five complimentary colors.



72.5146, 74.9971, 99.4621



88.8486, 93.0208, 107.8797



78.4343, 88.4224, 96.5458



18.7750, 19.6370, 23.0507



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.



72.5146, 74.9971, 99.4621



73.3552, 75.4618, 105.3071



73.5373, 73.1715, 99.0558



16.5642, 17.2053, 21.8332



9.8381, 5.0318, 48.4263



0.9822, 0.6080, 4.5088

Inverse Universe

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



77.2392, 75.4829, 81.0232



79.4978, 76.1607, 81.3187



81.9893, 90.6359, 79.5045



17.3866, 17.2820, 18.6255



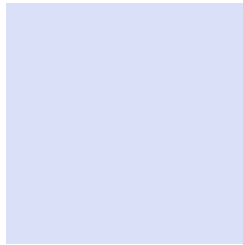
21.2579, 10.9189, 2.8003



2.0047, 1.0256, 0.4481

Previews

White Background



This preview shows how the XYZ color 72.5124, 74.9940, 99.4604 looks on a white background.

Color Contrast Check

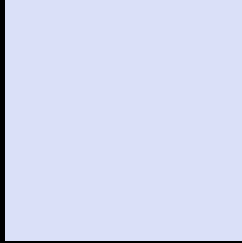
Large Text (above 18pt) WCAG AA × Fail

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 72.5124, 74.9940, 99.4604 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

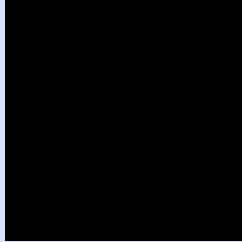
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 72.5124, 74.9940, 99.4604

Background



This preview shows how black text looks on a background with the XYZ color 72.5124, 74.9940, 99.4604.



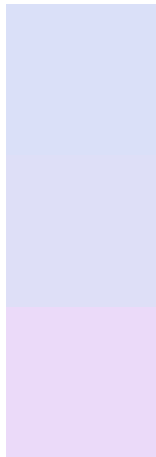
This preview shows how white text looks on a background with the XYZ color 72.5124, 74.9940,

99.4604.

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

72.5124, 74.9940, 99.4604

Protanopia

73.3004, 75.0203, 98.6127

Deuteranopia

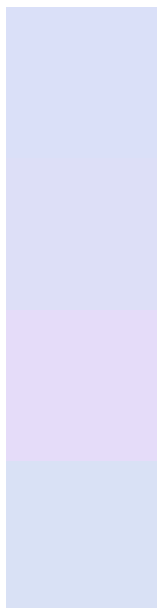
76.4312, 74.6445, 100.0020



Tritanopia

71.7181, 75.0732, 95.5046

Trichromacy



Original Color

72.5124, 74.9940, 99.4604

Protanomaly

72.9950, 74.8629, 98.5984

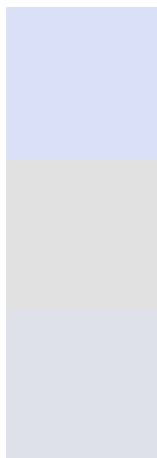
Deuteranomaly

75.0052, 74.6840, 100.0848

Tritanomaly

72.0219, 75.1947, 97.1043

Monochromacy



Original Color

72.5124, 74.9940, 99.4604

Achromatopsia

71.5672, 75.2942, 81.9954

Achromatomaly

71.7574, 75.2632, 87.8360

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.5124, 74.9940, 99.4604 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(218, 224, 248)` looks like.

```
.text, #text, p{  
    color:rgb(218, 224, 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(218, 224, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 224, 248) }
```

Border

The CSS property to change the border of an element to XYZ 72.5124, 74.9940, 99.4604 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(218, 224, 248) }
```


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

```
.border{ border-color:rgb(218, 224, 248) }
```

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

Here you see how a box with a 4 pixel rgb(218, 224, 248) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 224, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 224, 248);  
box-shadow:4px 4px 4px 4px rgb(218, 224,  
248) }
```

Background

The CSS property to change the background color of an element to XYZ 72.5124, 74.9940, 99.4604 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 224, 248) }
```

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

```
.background{ background-color: rgb(218,  
224, 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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