

Converting Colors

XYZ(72.6102, 75.0867,
105.2740)

Have a look what the booklet for
XYZ(72.6102, 75.0867, 105.2740)
contains.

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Color

**XYZ(72.4372, 74.8275,
105.2330)**

Conversions

Conversions Part 1

Format	Color
Hex	D6E0FF
RGB	214, 224, 255
RGB Percent	84%, 88%, 100%
CMY	0.1608, 0.1215, 0.0000
CMYK	0.16, 0.12, 0.00, 0.00
HSL	225°, 100%, 92%
HSV	225°, 16%, 100%
XYZ	72.4372, 74.8275, 105.2330
YIQ	224.5440, -15.9110, 7.5210

Conversions

Conversions Part 2

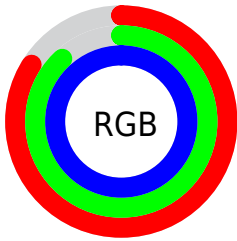
Format	Color
R _Y B	214, 222, 255
Decimal	14082303
CIE Lab	89.31, 2.78, -16.17
CIE LCh	89, 16.405, 279.765
Yxy	74.8275, 0.2869, 0.2963
Android (android.graphics.Color)	4292272383 (0xFFD6E0FF)
YUV	224.5440, 15.0148, -9.2471
Hunter-Lab	86.5029, -1.9048, -11.5758

Details

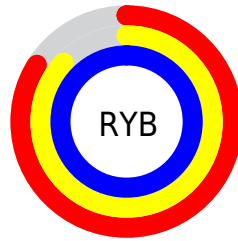
The XYZ color **72.4372, 74.8275, 105.2330** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **86.0295, 91.4184, 76.7312**, and the grayscale version is **71.1465, 74.8517, 81.5135**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.6791, 39.8241, 59.0743** is the 20% darker color. If you saturate the color by 10%, you get **60.6790, 61.5072, 103.2817**, and if you desaturate by 10%, it is **85.9520, 89.9293, 107.4357**.

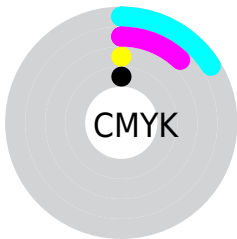
Distribution



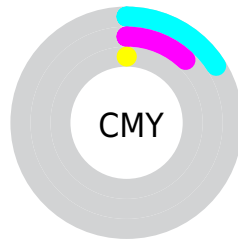
- Red (84%)
- Green (88%)
- Blue (100%)



- Red (84%)
- Yellow (87%)
- Blue (100%)



- Cyan (16%)
- Magenta (12%)
- Yellow (0%)
- Black (0%)



- Cyan (16%)
- Magenta (12%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 72.4372, 74.8275, 105.2330 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 72.4372, 74.8275, 105.2330 by changing the saturation by 10% instead.

■ 72.4372, 74.8275,
105.2330

■ 72.4372, 74.8275,
105.2330

458.1960,
477.3245, 598.2324

■ 53.8026, 55.4716,
80.0368

121.6854,
126.0681, 170.4445

■ 38.6739, 39.7794,
59.2223

153.0297,
158.7217, 211.2969

■ 26.6857, 27.3666,
42.3709

189.3412,
196.5765, 258.2051

■ 17.4727, 17.8487,
29.0641

230.9855,
240.0171, 311.5877

■ 10.6695, 10.8414,
18.8833

278.3277,
289.4278, 371.8631

■ 5.9107, 5.9603,
11.4100

331.7333,

■ 2.8310, 2.8210,

345.1930, 439.4501

6.2257

391.5676,
407.6971, 514.7670

■ 1.0650, 1.0390,
2.9118

■ 0.0000, 0.0000,
1.0498

■ 72.4372, 74.8275,
105.2330

■ 72.4372, 74.8275,
105.2330

■ 60.6790, 61.5072,
103.2817

■ 85.9520, 89.9293,
107.4357

■ 50.5976, 49.8925,
101.5712

95.0500, 100.0000,
108.9000

■ 42.1161, 39.9151,
100.0924

■ 35.1492, 31.4985,
98.8350

■ 29.6029, 24.5598,
97.7880

■ 25.3725, 19.0079,
96.9394

■ 22.3373, 14.7402,
96.2756

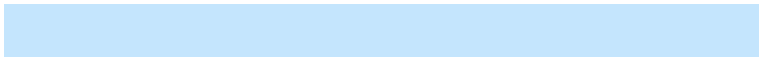
■ 20.3515, 11.6370,
95.7813

■ 19.7844, 10.6887,
95.6281

Harmonies

Analogous

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



68.4876, 74.8275, 104.0010



72.4372, 74.8275, 105.2330



76.1684, 74.8275, 99.6553

Triad

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



72.4372, 74.8275, 105.2330



77.2146, 74.8275, 68.1496



64.1289, 74.8275, 74.0728

Complementary

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



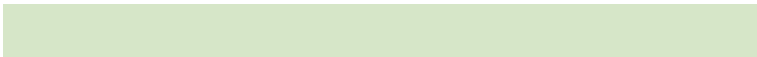
72.4372, 74.8275, 105.2330



86.0295, 91.4184, 76.7312

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.



66.3022, 74.8275, 65.6513



72.4372, 74.8275, 105.2330



73.8217, 74.8275, 62.4609

Square

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



72.4372, 74.8275, 105.2330



78.9943, 74.8275, 77.7859



69.8214, 74.8275, 61.5914



63.7896, 74.8275, 85.2778

Rectangle

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



72.4372, 74.8275, 105.2330



77.9934, 74.8275, 93.1078



69.8214, 74.8275, 61.5914



64.6652, 74.8275, 70.8528

Sweetspot

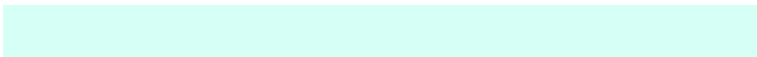
The Sweet Spot groups the original color and five complimentary colors.



72.4392, 74.8305, 105.2335



87.5155, 91.6648, 107.6883



79.9356, 92.3938, 99.8074



18.5131, 19.3773, 23.0144



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.



72.4392, 74.8305, 105.2335



68.8243, 70.7561, 104.6376



72.9157, 71.2019, 104.5080



17.3629, 18.0974, 22.8280



10.4345, 5.7787, 50.0000



1.0971, 0.7248, 4.8954

Inverse Universe

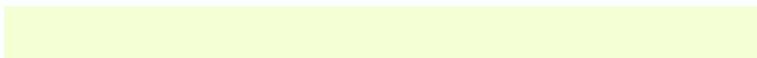
The Inverse Universe completely reimagines the original color for something new.



78.7424, 74.7364, 80.8000



76.1474, 70.7493, 76.2270



85.4671, 95.7428, 77.5955



18.1911, 18.0597, 19.6233



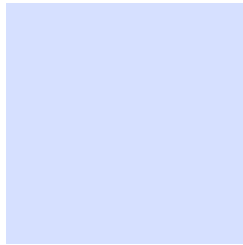
22.0551, 11.3113, 3.6745



2.1884, 1.1177, 0.5733

Previews

White Background



This preview shows how the XYZ color 72.4372, 74.8275, 105.2330 looks on a white background.

Color Contrast Check

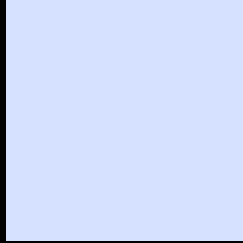
Large Text (above 18pt) WCAG AA × Fail

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 72.4372, 74.8275, 105.2330 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

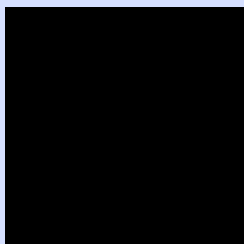
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

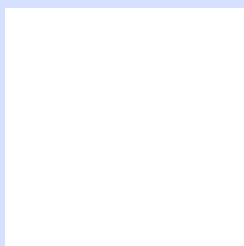
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 72.4372, 74.8275, 105.2330

Background



This preview shows how black text looks on a background with the XYZ color 72.4372, 74.8275, 105.2330.

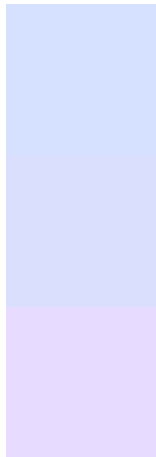


This preview shows how white text looks on a background with the XYZ color 72.4372, 74.8275,

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

72.4372, 74.8275, 105.2330

Protanopia

73.4905, 74.9912, 104.3673

Deuteranopia

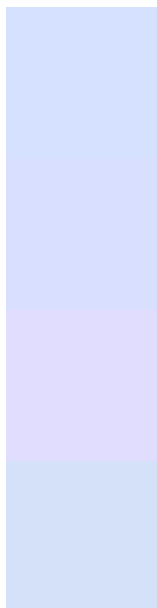
76.3365, 74.8720, 105.0361



Tritanopia

70.6769, 74.9214, 96.3242

Trichromacy



Original Color

72.4372, 74.8275, 105.2330

Protanomaly

72.8923, 74.6828, 104.3393

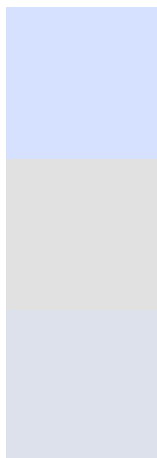
Deuteranomaly

74.9578, 74.9405, 105.1220

Tritanomaly

71.3091, 74.7739, 99.4813

Monochromacy



Original Color

72.4372, 74.8275, 105.2330

Achromatopsia

71.5672, 75.2942, 81.9954

Achromatomaly

71.8843, 75.2787, 90.0984

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.4372, 74.8275, 105.2330 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(214, 224, 255) looks like.

```
.text, #text, p{  
    color:rgb(214, 224, 255)  
}
```

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(214, 224, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 224, 255) }
```

Border

The CSS property to change the border of an element to XYZ 72.4372, 74.8275, 105.2330 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(214, 224, 255) }
```


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

```
.border{ border-color:rgb(214, 224, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 224, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 224, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 224, 255);  
box-shadow:4px 4px 4px 4px rgb(214, 224,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 72.4372, 74.8275, 105.2330 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 224, 255) }
```

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

```
.background{ background-color: rgb(214,  
224, 255) }
```

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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