

Converting Colors

XYZ(74.3372, 74.6195,
105.0928)

Have a look what the booklet for
XYZ(74.3372, 74.6195, 105.0928)
contains.

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Color

**XYZ(74.3379, 74.6209,
105.0930)**

Conversions

Conversions Part 1

Format	Color
Hex	DFDDFF
RGB	223, 221, 255
RGB Percent	87%, 87%, 100%
CMY	0.1255, 0.1333, 0.0000
CMYK	0.13, 0.13, 0.00, 0.00
HSL	244°, 100%, 93%
HSV	244°, 13%, 100%
XYZ	74.3379, 74.6209, 105.0930
YIQ	225.4740, -9.7220, 10.9980

Conversions

Conversions Part 2

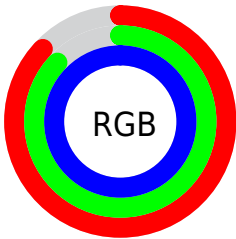
Format	Color
R _Y B	223, 221, 255
Decimal	14671359
CIE Lab	89.22, 7.16, -16.25
CIE LCh	89, 17.755, 293.786
Yxy	74.6209, 0.2926, 0.2937
Android (android.graphics.Color)	4292861439 (0xFFDFDFFF)
YUV	225.4740, 14.5563, -2.1697
Hunter-Lab	86.3834, 2.4386, -11.6631

Details

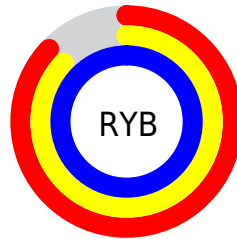
The XYZ color **74.3379, 74.6209, 105.0930** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **89.3208, 97.6239, 82.5457**, and the grayscale version is **71.8144, 75.5543, 82.2786**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.9777, 39.6745, 58.9770** is the 20% darker color. If you saturate the color by 10%, you get **61.2318, 58.6191, 102.6951**, and if you desaturate by 10%, it is **89.5188, 93.2141, 107.8817**.

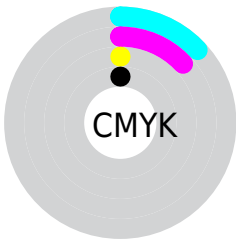
Distribution



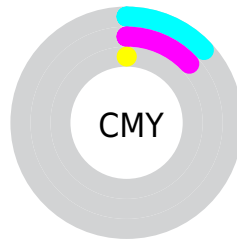
- Red (87%)
- Green (87%)
- Blue (100%)



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



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



- Cyan (13%)
- Magenta (13%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.3379, 74.6209, 105.0930 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 74.3379, 74.6209, 105.0930 by changing the saturation by 10% instead.

74.3379, 74.6209,
105.0930

74.3379, 74.6209,
105.0930

464.6711,
476.6135, 597.7864

55.3629, 55.3024,
79.9202

124.3676,
125.7756, 170.2514

39.9273, 39.6439,
59.1269

156.1531,
158.3805, 211.0740

27.6659, 27.2610,
42.2946

192.9393,
196.1831, 257.9504

18.2131, 17.7693,
29.0047

235.0918,
239.5676, 311.2990

11.2037, 10.7845,
18.8388

282.9759,
288.9185, 371.5383

6.2723, 5.9221,
11.3782

336.9569,

3.0536, 2.7978,

344.6202, 439.0870

6.2045

397.4002,
407.0571, 514.3635

■ 1.1822, 1.0271,
2.8990

■ 0.0922, 0.0000,
1.0433

■ 74.3379, 74.6209,
105.0930

■ 74.3379, 74.6209,
105.0930

■ 61.2318, 58.6191,
102.6951

■ 89.5188, 93.2141,
107.8817

■ 50.1046, 45.0852,
100.6693

95.0500, 100.0000,
108.9000

■ 40.8618, 33.8989,
98.9972

■ 33.3991, 24.9265,
97.6587

■ 27.6016, 18.0208,
96.6313

■ 23.3412, 13.0168,
95.8900

■ 20.4710, 9.7239,
95.4057

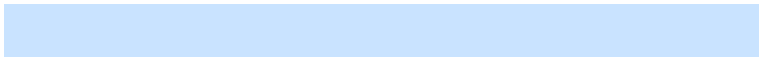
■ 18.8152, 7.9122,
95.1433

■ 18.2467, 7.3214,
95.0592

Harmonies

Analogous

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



70.0271, 74.6209, 107.3481



74.3379, 74.6209, 105.0930



77.8602, 74.6209, 96.1747

Triad

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



74.3379, 74.6209, 105.0930



75.9610, 74.6209, 63.4816



62.9620, 74.6209, 78.6944

Complementary

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



74.3379, 74.6209, 105.0930



89.3208, 97.6239, 82.5457

Split Complementary

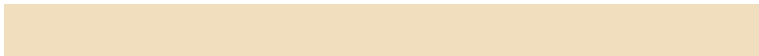
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



64.4142, 74.6209, 67.9543



74.3379, 74.6209, 105.0930



71.8304, 74.6209, 59.7659

Square

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



74.3379, 74.6209, 105.0930



78.8237, 74.6209, 72.0025



67.6180, 74.6209, 61.3161



63.5723, 74.6209, 91.2561

Rectangle

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



74.3379, 74.6209, 105.0930



79.2280, 74.6209, 88.0946



67.6180, 74.6209, 61.3161



63.2232, 74.6209, 74.7685

Sweetspot

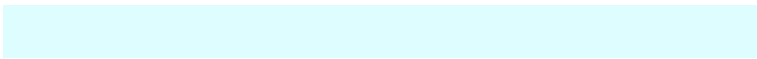
The Sweet Spot groups the original color and five complimentary colors.



74.3399, 74.6239, 105.0935



88.4376, 91.8882, 107.6828



83.0905, 93.0332, 108.1856



18.6714, 19.3517, 23.0011



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.



74.3399, 74.6239, 105.0935



70.6429, 70.1045, 104.4160



79.7420, 77.4088, 105.3463



17.1018, 17.4287, 22.7127



9.5727, 3.8454, 49.6723



0.9652, 0.3915, 4.8380

Inverse Universe

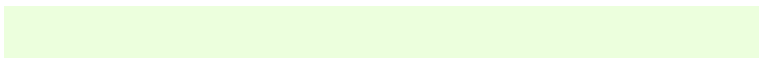
The Inverse Universe completely reimagines the original color for something new.



84.8278, 80.0676, 103.9145



83.0036, 76.5210, 102.9925



83.5045, 94.6255, 82.2735



18.7439, 18.2809, 22.5343



29.7884, 14.4047, 44.3977



2.9139, 1.4079, 4.3938

Previews

White Background



This preview shows how the XYZ color 74.3379, 74.6209, 105.0930 looks on a white background.

Color Contrast Check

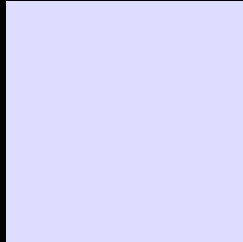
Large Text (above 18pt) WCAG AA × Fail

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 74.3379, 74.6209, 105.0930 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

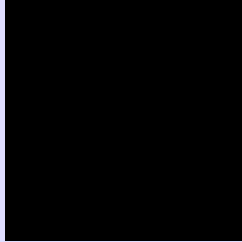
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 74.3379, 74.6209, 105.0930

Background



This preview shows how black text looks on a background with the XYZ color 74.3379, 74.6209, 105.0930.



This preview shows how white text looks on a background with the XYZ color 74.3379, 74.6209,

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

74.3379, 74.6209, 105.0930

Protanopia

73.3847, 74.5226, 105.1243

Deuteranopia

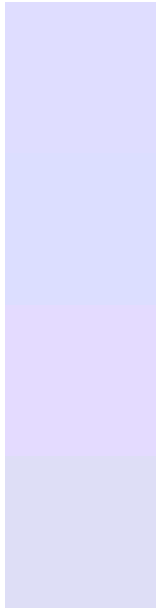
76.0764, 74.3517, 104.9494



Tritanopia

72.0837, 74.4984, 93.7995

Trichromacy



Original Color

74.3379, 74.6209, 105.0930

Protanomaly

73.6865, 74.6782, 105.1384

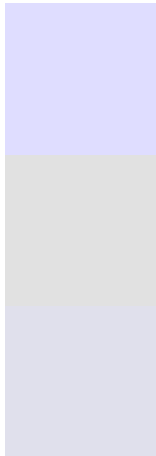
Deuteranomaly

75.3764, 74.3770, 104.9912

Tritanomaly

72.8800, 74.4260, 97.7132

Monochromacy



Original Color

74.3379, 74.6209, 105.0930

Achromatopsia

71.5672, 75.2942, 81.9954

Achromatomaly

72.5364, 75.2147, 90.0517

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.3379, 74.6209, 105.0930 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(223, 221, 255)` looks like.

```
.text, #text, p{  
    color:rgb(223, 221, 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(223, 221, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 221, 255) }
```

Border

The CSS property to change the border of an element to XYZ 74.3379, 74.6209, 105.0930 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(223, 221, 255) }
```


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

```
.border{ border-color:rgb(223, 221, 255) }
```

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

Here you see how a box with a 4 pixel rgb(223, 221, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 221, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 221, 255);  
box-shadow:4px 4px 4px 4px rgb(223, 221,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 74.3379, 74.6209, 105.0930 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 221, 255) }
```

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

```
.background{ background-color: rgb(223,  
221, 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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