

Converting Colors

XYZ(74.3119, 76.2429,
105.4074)

Have a look what the booklet for
XYZ(74.3119, 76.2429, 105.4074)
contains.

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Color

**XYZ(74.1886, 76.1305,
105.3922)**

Conversions

Conversions Part 1

Format	Color
Hex	DBE1FF
RGB	219, 225, 255
RGB Percent	86%, 88%, 100%
CMY	0.1412, 0.1176, 0.0000
CMYK	0.14, 0.12, 0.00, 0.00
HSL	230°, 100%, 93%
HSV	230°, 14%, 100%
XYZ	74.1886, 76.1305, 105.3922
YIQ	226.6260, -13.2060, 8.0580

Conversions

Conversions Part 2

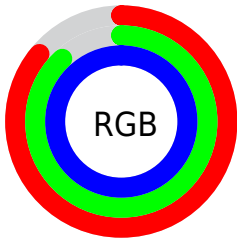
Format	Color
R _Y B	219, 224, 255
Decimal	14410239
CIE Lab	89.92, 3.81, -15.22
CIE LCh	90, 15.690, 284.070
Yxy	76.1305, 0.2901, 0.2977
Android (android.graphics.Color)	4292600319 (0xFFDBE1FF)
YUV	226.6260, 13.9884, -6.6880
Hunter-Lab	87.2528, -0.9189, -10.5391

Details

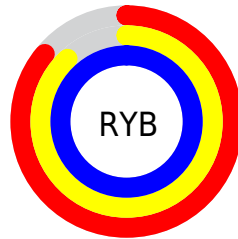
The XYZ color **74.1886, 76.1305, 105.3922** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **87.9013, 94.1242, 80.5543**, and the grayscale version is **72.6524, 76.4360, 83.2388**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.8776, 40.7192, 59.1839** is the 20% darker color. If you saturate the color by 10%, you get **61.7058, 61.6940, 103.2636**, and if you desaturate by 10%, it is **88.5655, 92.6085, 107.8151**.

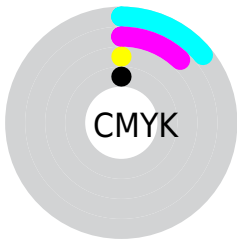
Distribution



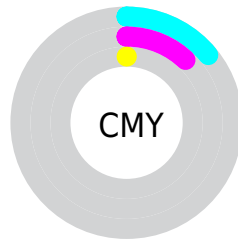
- Red (86%)
- Green (88%)
- Blue (100%)



- Red (86%)
- Yellow (88%)
- Blue (100%)



- Cyan (14%)
- Magenta (12%)
- Yellow (0%)
- Black (0%)



- Cyan (14%)
- Magenta (12%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.1886, 76.1305, 105.3922 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 74.1886, 76.1305, 105.3922 by changing the saturation by 10% instead.

■ 74.1886, 76.1305,
105.3922

■ 74.1886, 76.1305,
105.3922

464.1643,
481.7943, 598.7394

■ 55.2402, 56.5395,
80.1695

124.1572,
127.9114, 170.6640

■ 39.8287, 40.6357,
59.3308

155.9081,
160.8700, 211.5502

■ 27.5886, 28.0345,
42.4577

192.6573,
199.0534, 258.4947

■ 18.1547, 18.3517,
29.1316

234.7701,
242.8458, 311.9159

■ 11.1614, 11.2028,
18.9340

282.6118,
292.6317, 372.2324

■ 6.2436, 6.2034,
11.4463

336.5479,

■ 3.0358, 2.9691,

348.7955, 439.8628

6.2499

396.9436,
411.7216, 515.2256

■ 1.1727, 1.1156,
2.9264

■ 0.0847, 0.0000,
1.0572

■ 74.1886, 76.1305,
105.3922

■ 74.1886, 76.1305,
105.3922

■ 61.7058, 61.6940,
103.2636

■ 88.5655, 92.6085,
107.8151

■ 51.0314, 49.2101,
101.4166

95.0500, 100.0000,
108.9000

■ 42.0824, 38.5966,
99.8397

■ 34.7666, 29.7623,
98.5200

■ 28.9831, 22.6078,
97.4439

■ 24.6197, 17.0239,
96.5961

■ 21.5479, 12.8875,
95.9596

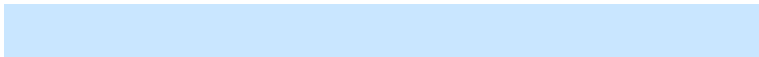
■ 19.6143, 10.0561,
95.5150

■ 18.8966, 8.9132,
95.3322

Harmonies

Analogous

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



70.3316, 76.1305, 105.1818



74.1886, 76.1305, 105.3922



77.6735, 76.1305, 99.2106

Triad

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



74.1886, 76.1305, 105.3922



77.8531, 76.1305, 68.9032



65.4206, 76.1305, 77.1666

Complementary

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



74.1886, 76.1305, 105.3922



87.9013, 94.1242, 80.5543

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.



67.2940, 76.1305, 68.4708



74.1886, 76.1305, 105.3922



74.4266, 76.1305, 63.9991

Square

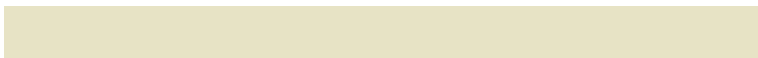
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



74.1886, 76.1305, 105.3922



79.8399, 76.1305, 77.8068



70.5612, 76.1305, 63.8483



65.3621, 76.1305, 88.1966

Rectangle

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



74.1886, 76.1305, 105.3922



79.2783, 76.1305, 92.5907



70.5612, 76.1305, 63.8483



65.8559, 76.1305, 73.8976

Sweetspot

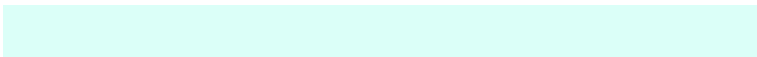
The Sweet Spot groups the original color and five complimentary colors.



74.1907, 76.1336, 105.3927



88.7448, 92.8132, 107.8451



81.9796, 93.3826, 102.8369



18.7488, 19.5847, 23.0420



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.



74.1907, 76.1336, 105.3927



70.4005, 71.7649, 104.7493



76.1443, 74.7737, 105.0273



17.2477, 17.8670, 22.7896



9.9451, 4.7998, 49.8369



1.0338, 0.5983, 4.8743

Inverse Universe

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



80.1634, 77.3607, 81.9448



77.4663, 73.2803, 76.9958



85.7163, 95.7963, 80.9922



18.1329, 18.0365, 19.3171



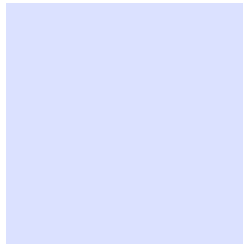
21.8080, 11.2125, 2.3736



2.1564, 1.1049, 0.4051

Previews

White Background



This preview shows how the XYZ color 74.1886, 76.1305, 105.3922 looks on a white background.

Color Contrast Check

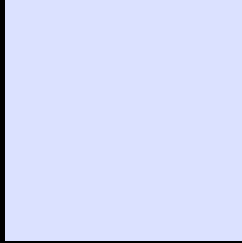
Large Text (above 18pt) WCAG AA × Fail

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 74.1886, 76.1305, 105.3922 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

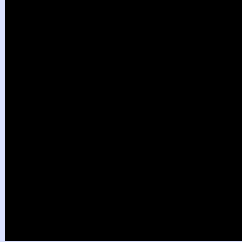
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 74.1886, 76.1305, 105.3922

Background



This preview shows how black text looks on a background with the XYZ color 74.1886, 76.1305, 105.3922.



This preview shows how white text looks on a background with the XYZ color 74.1886, 76.1305,

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

74.1886, 76.1305, 105.3922

Protanopia

74.5244, 75.9035, 105.3307

Deuteranopia

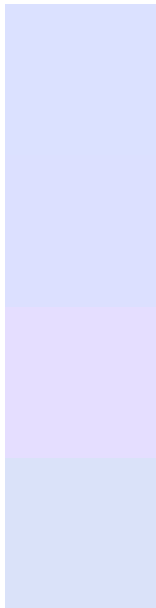
77.5749, 75.8988, 105.1690



Tritanopia

72.5658, 76.2825, 97.2856

Trichromacy



Original Color

74.1886, 76.1305, 105.3922

Protanomaly

74.2209, 75.7470, 105.3165

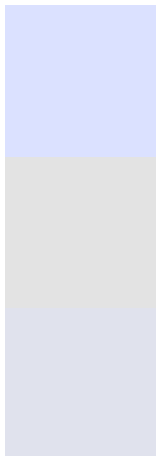
Deuteranomaly

76.4844, 76.1206, 105.2693

Tritanomaly

73.2087, 76.1377, 100.4601

Monochromacy



Original Color

74.1886, 76.1305, 105.3922

Achromatopsia

73.0128, 76.8151, 83.6517

Achromatomaly

73.2229, 76.3544, 90.9994

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.1886, 76.1305, 105.3922 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(219, 225, 255)` looks like.

```
.text, #text, p{  
    color:rgb(219, 225, 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(219, 225, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 225, 255) }
```

Border

The CSS property to change the border of an element to XYZ 74.1886, 76.1305, 105.3922 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(219, 225, 255) }
```


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

```
.border{ border-color:rgb(219, 225, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 225, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 225, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 225, 255);  
box-shadow:4px 4px 4px 4px rgb(219, 225,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 74.1886, 76.1305, 105.3922 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 225, 255) }
```

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

```
.background{ background-color: rgb(219,  
225, 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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