

Converting Colors

XYZ(75.6821, 77.2338,
113.6441)

Have a look what the booklet for
XYZ(75.6821, 77.2338, 113.6441)
contains.

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Color

**XYZ(74.1598, 76.5181,
105.4686)**

Conversions

Conversions Part 1

Format	Color
Hex	DAE2FF
RGB	218, 226, 255
RGB Percent	85%, 89%, 100%
CMY	0.1451, 0.1137, 0.0000
CMYK	0.15, 0.11, 0.00, 0.00
HSL	227°, 100%, 93%
HSV	227°, 15%, 100%
XYZ	74.1598, 76.5181, 105.4686
YIQ	226.9140, -14.0770, 7.3230

Conversions

Conversions Part 2

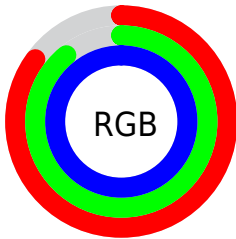
Format	Color
R _{YB}	218, 225, 255
Decimal	14344959
CIE Lab	90.10, 2.98, -14.96
CIE LCh	90, 15.252, 281.273
Yxy	76.5181, 0.2895, 0.2987
Android (android.graphics.Color)	4292535039 (0xFFDAE2FF)
YUV	226.9140, 13.8464, -7.8176
Hunter-Lab	87.4746, -1.7507, -10.2540

Details

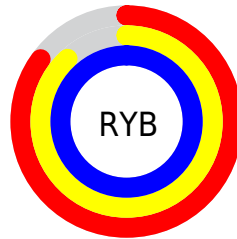
The XYZ color **74.1598, 76.5181, 105.4686** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **87.1552, 92.8421, 79.6581**, and the grayscale version is **72.8628, 76.6574, 83.4799**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.8602, 40.9896, 59.2370** is the 20% darker color. If you saturate the color by 10%, you get **61.9919, 62.6446, 103.4320**, and if you desaturate by 10%, it is **88.1383, 92.2693, 107.7721**.

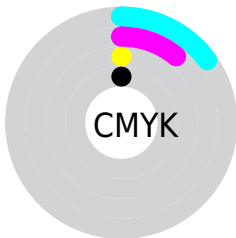
Distribution



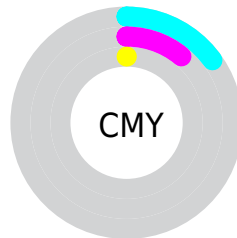
- Red (85%)
- Green (89%)
- Blue (100%)



- Red (85%)
- Yellow (88%)
- Blue (100%)



- Cyan (15%)
- Magenta (11%)
- Yellow (0%)
- Black (0%)



- Cyan (15%)
- Magenta (11%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.1598, 76.5181, 105.4686 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 74.1598, 76.5181, 105.4686 by changing the saturation by 10% instead.

■ 74.1598, 76.5181,
105.4686

■ 74.1598, 76.5181,
105.4686

464.0665,
483.1194, 598.9826

■ 55.2166, 56.8574,
80.2331

124.1166,
128.4590, 170.7694

■ 39.8097, 40.8908,
59.3829

155.8609,
161.5080, 211.6718

■ 27.5737, 28.2338,
42.4994

192.6029,
199.7887, 258.6336

■ 18.1434, 18.5020,
29.1641

234.7080,
243.6853, 312.0734

■ 11.1533, 11.3110,
18.9583

282.5416,
293.5823, 372.4096

■ 6.2381, 6.2764,
11.4637

336.4689,

■ 3.0324, 3.0139,

349.8640, 440.0609

6.2615

396.8555,
412.9149, 515.4457

■ 1.1709, 1.1390,
2.9334

■ 0.0832, 0.0110,
1.0607

■ 74.1598, 76.5181,
105.4686

■ 74.1598, 76.5181,
105.4686

■ 61.9919, 62.6446,
103.4320

■ 88.1383, 92.2693,
107.7721

■ 51.5534, 50.5687,
101.6513

95.0500, 100.0000,
108.9000

■ 42.7657, 40.2180,
100.1166

■ 35.5420, 31.5116,
98.8168

■ 29.7869, 24.3618,
97.7401

■ 25.3943, 18.6722,
96.8734

■ 22.2427, 14.3350,
96.2023

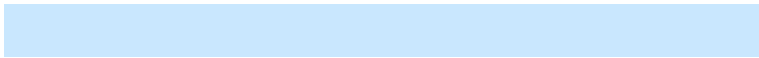
■ 20.1869, 11.2249,
95.7104

■ 19.4236, 9.9672,
95.5079

Harmonies

Analogous

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



70.4169, 76.5181, 104.6501



74.1598, 76.5181, 105.4686



77.6343, 76.5181, 99.9792

Triad

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



74.1598, 76.5181, 105.4686



78.3351, 76.5181, 70.3112



66.0524, 76.5181, 76.8020

Complementary

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



74.1598, 76.5181, 105.4686



87.1552, 92.8421, 79.6581

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.



68.0332, 76.5181, 68.6141



74.1598, 76.5181, 105.4686



75.0894, 76.5181, 65.0969

Square

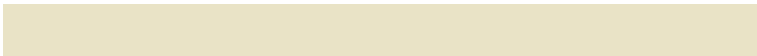
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



74.1598, 76.5181, 105.4686



80.1000, 76.5181, 79.3077



71.3151, 76.5181, 64.5038



65.8231, 76.5181, 87.4555

Rectangle

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



74.1598, 76.5181, 105.4686



79.2973, 76.5181, 93.7380



71.3151, 76.5181, 64.5038



66.5322, 76.5181, 73.6952

Sweetspot

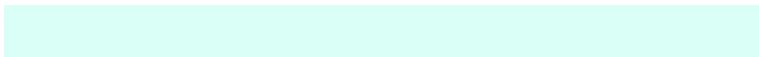
The Sweet Spot groups the original color and five complimentary colors.



74.1619, 76.5212, 105.4691



88.8991, 93.1219, 107.8966



81.4602, 93.1402, 101.6671



18.7877, 19.6625, 23.0550



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.



74.1619, 76.5212, 105.4691



70.9640, 72.8919, 104.9371



75.2711, 73.9375, 104.9119



17.3215, 18.0145, 22.8142



10.2372, 5.3840, 49.9342



1.0725, 0.6758, 4.8872

Inverse Universe

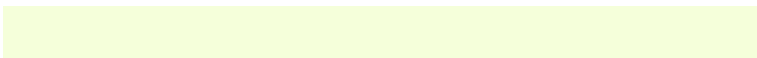
The Inverse Universe completely reimagines the original color for something new.



80.0402, 76.8953, 82.5787



77.7507, 73.3940, 78.4936



85.9032, 95.9079, 80.3158



18.1702, 18.0514, 19.5132



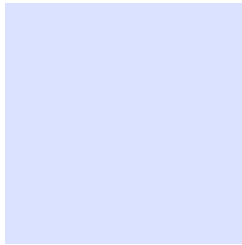
21.9555, 11.2715, 3.1500



2.1760, 1.1128, 0.5081

Previews

White Background



This preview shows how the XYZ color 74.1598, 76.5181, 105.4686 looks on a white background.

Color Contrast Check

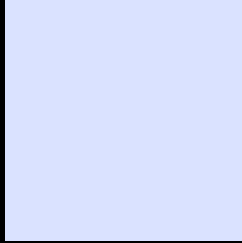
Large Text (above 18pt) WCAG AA × Fail

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 74.1598, 76.5181, 105.4686 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

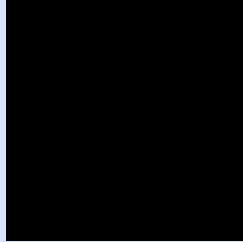
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 74.1598, 76.5181, 105.4686

Background



This preview shows how black text looks on a background with the XYZ color 74.1598, 76.5181, 105.4686.

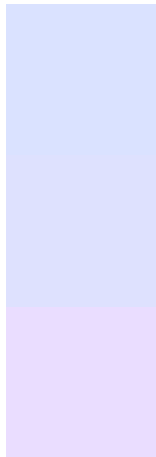


This preview shows how white text looks on a background with the XYZ color 74.1598, 76.5181,

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

74.1598, 76.5181, 105.4686

Protanopia

74.9388, 76.5358, 104.5891

Deuteranopia

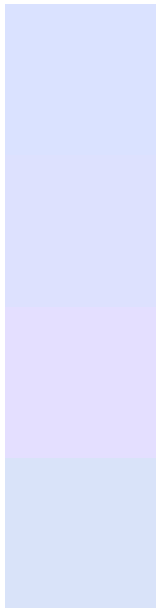
77.8381, 76.4253, 105.2568



Tritanopia

72.6969, 76.7396, 98.1695

Trichromacy



Original Color

74.1598, 76.5181, 105.4686

Protanomaly

74.6334, 76.3783, 104.5748

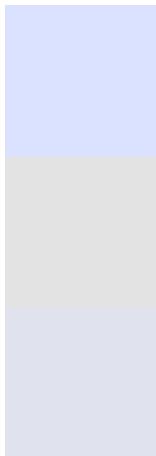
Deuteranomaly

76.4326, 76.4893, 105.3432

Tritanomaly

73.1832, 76.5294, 100.5370

Monochromacy



Original Color

74.1598, 76.5181, 105.4686

Achromatopsia

73.0128, 76.8151, 83.6517

Achromatomaly

73.4956, 76.8999, 91.0903

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.1598, 76.5181, 105.4686 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, 226, 255)` looks like.

```
.text, #text, p{  
    color:rgb(218, 226, 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(218, 226, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 226, 255) }
```

Border

The CSS property to change the border of an element to XYZ 74.1598, 76.5181, 105.4686 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, 226, 255) }
```


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

```
.border{ border-color:rgb(218, 226, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 226, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 226, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 226, 255);  
box-shadow:4px 4px 4px 4px rgb(218, 226,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 74.1598, 76.5181, 105.4686 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 226, 255) }
```

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

```
.background{ background-color: rgb(218,  
226, 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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