

Converting Colors

XYZ(96.0562, 86.1190,
221.2076)

Have a look what the booklet for
XYZ(96.0562, 86.1190, 221.2076)
contains.

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Color

**XYZ(74.1123, 77.3057,
105.6231)**

Conversions

Conversions Part 1

Format	Color
Hex	D8E4FF
RGB	216, 228, 255
RGB Percent	85%, 89%, 100%
CMY	0.1529, 0.1059, 0.0000
CMYK	0.15, 0.11, 0.00, 0.00
HSL	222°, 100%, 92%
HSV	222°, 15%, 100%
XYZ	74.1123, 77.3057, 105.6231
YIQ	227.4900, -15.8190, 5.8530

Conversions

Conversions Part 2

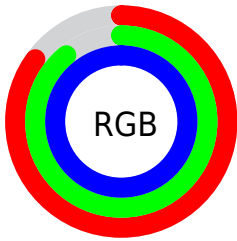
Format	Color
R _Y B	216, 225, 255
Decimal	14214399
CIE Lab	90.46, 1.32, -14.43
CIE LCh	90, 14.489, 275.224
Yxy	77.3057, 0.2883, 0.3008
Android (android.graphics.Color)	4292404479 (0xFFD8E4FF)
YUV	227.4900, 13.5624, -10.0767
Hunter-Lab	87.9237, -3.4058, -9.6788

Details

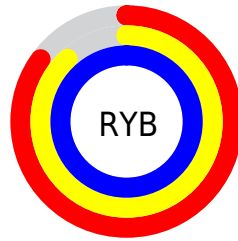
The XYZ color **74.1123, 77.3057, 105.6231** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **85.6849, 90.3177, 77.8844**, and the grayscale version is **73.2847, 77.1012, 83.9632**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.8346, 41.5414, 59.3449** is the 20% darker color. If you saturate the color by 10%, you get **62.5448, 64.4997, 103.7610**, and if you desaturate by 10%, it is **87.3488, 91.7122, 107.7062**.

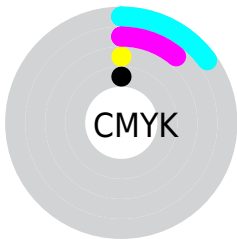
Distribution



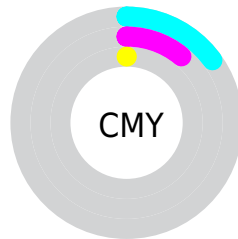
- Red (85%)
- Green (89%)
- Blue (100%)



- 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 74.1123, 77.3057, 105.6231 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 74.1123, 77.3057, 105.6231 by changing the saturation by 10% instead.

■ 74.1123, 77.3057,
105.6231

■ 74.1123, 77.3057,
105.6231

463.9052,
485.8057, 599.4743

■ 55.1776, 57.5038,
80.3619

124.0496,
129.5709, 170.9824

■ 39.7783, 41.4099,
59.4883

155.7829,
162.8030, 211.9176

■ 27.5492, 28.6395,
42.5837

192.5132,
201.2807, 258.9145

■ 18.1248, 18.8083,
29.2297

234.6056,
245.3883, 312.3918

■ 11.1399, 11.5318,
19.0075

282.4257,
295.5101, 372.7678

■ 6.2290, 6.4257,
11.4989

336.3388,

■ 3.0268, 3.1056,

352.0308, 440.4612

6.2851

396.7101,
415.3345, 515.8905

■ 1.1679, 1.1871,
2.9476

■ 0.0808, 0.0512,
1.0679

■ 74.1123, 77.3057,
105.6231

■ 74.1123, 77.3057,
105.6231

■ 62.5448, 64.4997,
103.7610

■ 87.3488, 91.7122,
107.7062

■ 52.5716, 53.2276,
102.1109

95.0500, 100.0000,
108.9000

■ 44.1212, 43.4316,
100.6654

■ 37.1141, 35.0463,
99.4162

■ 31.4632, 28.0013,
98.3542

■ 27.0712, 22.2191,
97.4696

■ 23.8261, 17.6126,
96.7515

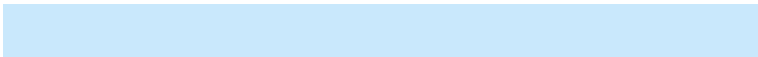
■ 21.5929, 14.0807,
96.1875

■ 20.8088, 12.7376,
95.9696

Harmonies

Analogous

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



70.5986, 77.3057, 103.5981



74.1123, 77.3057, 105.6231



77.5645, 77.3057, 101.5277

Triad

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



74.1123, 77.3057, 105.6231



79.3100, 77.3057, 73.1918



67.3371, 77.3057, 76.0932

Complementary

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



74.1123, 77.3057, 105.6231



85.6849, 90.3177, 77.8844

Split Complementary

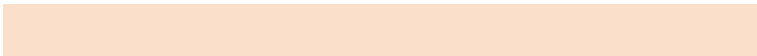
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



69.5352, 77.3057, 68.9177



74.1123, 77.3057, 105.6231



76.4321, 77.3057, 67.3414

Square

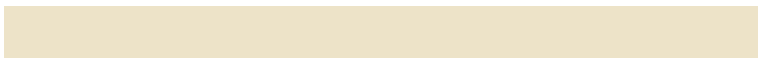
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



74.1123, 77.3057, 105.6231



80.6277, 77.3057, 82.3708



72.8448, 77.3057, 65.8429



66.7616, 77.3057, 86.0008

Rectangle

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



74.1123, 77.3057, 105.6231



79.3429, 77.3057, 96.0608



72.8448, 77.3057, 65.8429



67.9071, 77.3057, 73.3084

Sweetspot

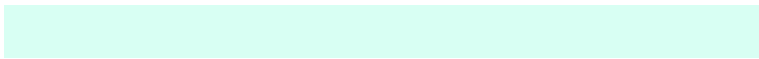
The Sweet Spot groups the original color and five complimentary colors.



74.1144, 77.3088, 105.6236



87.7626, 92.1590, 107.7706



80.2046, 92.5693, 98.1582



18.5730, 19.4971, 23.0344



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.



74.1144, 77.3088, 105.6236



70.8211, 73.6865, 105.0980



73.0848, 72.0451, 104.6619



17.4589, 18.2895, 22.8600



10.9884, 6.8863, 50.1846



1.1618, 0.8544, 4.9169

Inverse Universe

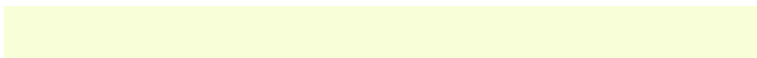
The Inverse Universe completely reimagines the original color for something new.



79.8008, 75.9747, 83.8610



77.4149, 72.2500, 79.8379



86.8134, 96.4071, 79.0003



18.2395, 18.0791, 19.8786



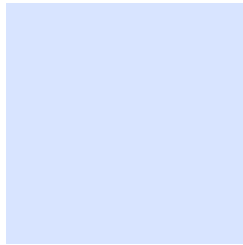
22.3346, 11.4231, 5.1466



2.2210, 1.1308, 0.7454

Previews

White Background



This preview shows how the XYZ color 74.1123, 77.3057, 105.6231 looks on a white background.

Color Contrast Check

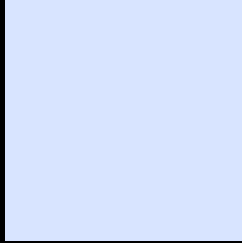
Large Text (above 18pt) WCAG AA × Fail

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 74.1123, 77.3057, 105.6231 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

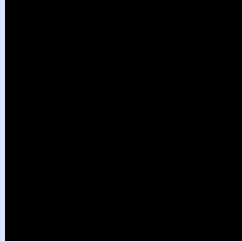
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

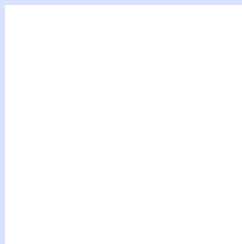
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 74.1123, 77.3057, 105.6231

Background



This preview shows how black text looks on a background with the XYZ color 74.1123, 77.3057, 105.6231.

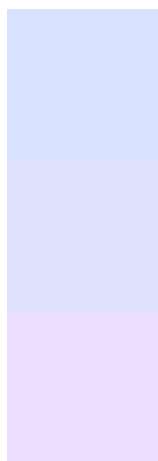


This preview shows how white text looks on a background with the XYZ color 74.1123, 77.3057,

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

74.1123, 77.3057, 105.6231

Protanopia

75.8262, 77.3958, 104.7083

Deuteranopia

78.7633, 77.2954, 105.3760



Tritanopia

72.8321, 77.2011, 99.0583

Trichromacy



Original Color

74.1123, 77.3057, 105.6231

Protanomaly

75.1773, 77.4661, 104.7561

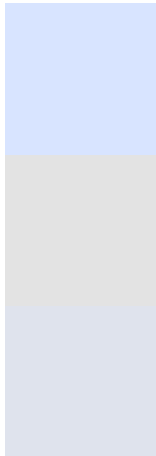
Deuteranomaly

77.0188, 77.1893, 105.4474

Tritanomaly

73.2990, 77.3878, 101.5166

Monochromacy



Original Color

74.1123, 77.3057, 105.6231

Achromatopsia

73.0128, 76.8151, 83.6517

Achromatomaly

73.1866, 76.7406, 91.0758

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.1123, 77.3057, 105.6231 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(216, 228, 255)` looks like.

```
.text, #text, p{  
    color:rgb(216, 228, 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(216, 228, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 228, 255) }
```

Border

The CSS property to change the border of an element to XYZ 74.1123, 77.3057, 105.6231 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(216, 228, 255) }
```


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

```
.border{ border-color:rgb(216, 228, 255) }
```

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

Here you see how a box with a 4 pixel rgb(216, 228, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 228, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 228, 255);  
box-shadow:4px 4px 4px 4px rgb(216, 228,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 74.1123, 77.3057, 105.6231 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 228, 255) }
```

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

```
.background{ background-color: rgb(216,  
228, 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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