

Converting Colors

XYZ(77.3658, 79.4921,
105.8736)

Have a look what the booklet for
XYZ(77.3658, 79.4921, 105.8736)
contains.

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Color

**XYZ(77.4333, 79.4274,
105.8576)**

Conversions

Conversions Part 1

Format	Color
Hex	E2E5FF
RGB	226, 229, 255
RGB Percent	89%, 90%, 100%
CMY	0.1137, 0.1019, 0.0000
CMYK	0.11, 0.10, 0.00, 0.00
HSL	234°, 100%, 94%
HSV	234°, 11%, 100%
XYZ	77.4333, 79.4274, 105.8576
YIQ	231.0670, -10.1340, 7.4500

Conversions

Conversions Part 2

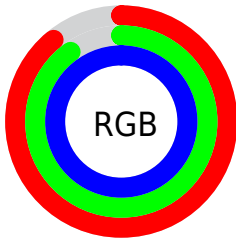
Format	Color
R_{YB}	226, 229, 255
Decimal	14870015
CIE _{Lab}	91.43, 3.93, -12.91
CIE _{LCh}	91, 13.496, 286.942
Yxy	79.4274, 0.2947, 0.3023
Android (android.graphics.Color)	4293060095 (0xFFE2E5FF)
YUV	231.0670, 11.7990, -4.4438
Hunter-Lab	89.1221, -0.8747, -8.0382

Details

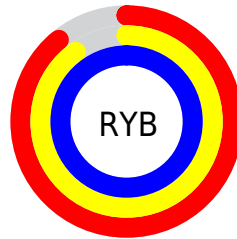
The XYZ color **77.4333, 79.4274, 105.8576** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **89.7771, 96.3698, 85.8224**, and the grayscale version is **75.9277, 79.8819, 86.9914**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.1237, 43.0072, 59.5072** is the 20% darker color. If you saturate the color by 10%, you get **64.1103, 63.7817, 103.5399**, and if you desaturate by 10%, it is **92.7825, 97.3582, 108.5096**.

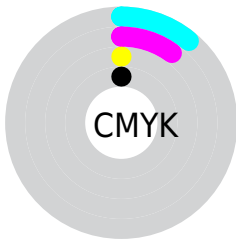
Distribution



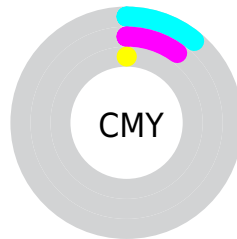
- Red (89%)
- Green (90%)
- Blue (100%)



- Red (89%)
- Yellow (90%)
- Blue (100%)



- Cyan (11%)
- Magenta (10%)
- Yellow (0%)
- Black (0%)



- Cyan (11%)
- Magenta (10%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 77.4333, 79.4274, 105.8576 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 77.4333, 79.4274, 105.8576 by changing the saturation by 10% instead.

■ 77.4333, 79.4274,
105.8576

■ 77.4333, 79.4274,
105.8576

475.1094,
493.0010, 600.2202

■ 57.9097, 59.2473,
80.5574

128.7205,
132.5604, 171.3057

■ 41.9791, 42.8122,
59.6482

161.2149,
166.2820, 212.2906

■ 29.2759, 29.7378,
42.7117

198.7636,
205.2863, 259.3408

■ 19.4350, 19.6397,
29.3293

241.7320,
249.9576, 312.8748

■ 12.0909, 12.1334,
19.0823

290.4854,
300.6804, 373.3112

■ 6.8782, 6.8346,
11.5524

345.3892,

■ 3.4317, 3.3589,

357.8389, 441.0686

6.3208

406.8088,
421.8177, 516.5654

■ 1.3860, 1.3218,
2.9692

■ 0.2462, 0.1580,
1.0789

■ 77.4333, 79.4274,
105.8576

■ 77.4333, 79.4274,
105.8576

■ 64.1103, 63.7817,
103.5399

■ 92.7825, 97.3582,
108.5096

■ 52.7225, 50.3198,
101.5417

95.0500, 100.0000,
108.9000

■ 43.1814, 38.9473,
99.8494

■ 35.3893, 29.5589,
98.4480

■ 29.2391, 22.0402,
97.3209

■ 24.6121, 16.2651,
96.4500

■ 21.3732, 12.0917,
95.8152

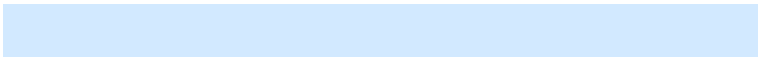
■ 19.3631, 9.3550,
95.3929

■ 18.4285, 7.9771,
95.1762

Harmonies

Analogous

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



74.0117, 79.4274, 106.2374



77.4333, 79.4274, 105.8576



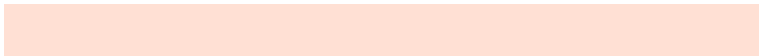
80.4200, 79.4274, 100.0431

Triad

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



77.4333, 79.4274, 105.8576



80.0905, 79.4274, 73.3921



69.2438, 79.4274, 82.2813

Complementary

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



77.4333, 79.4274, 105.8576



89.7771, 96.3698, 85.8224

Split Complementary

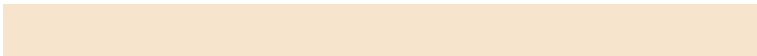
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



70.7722, 79.4274, 74.2070



77.4333, 79.4274, 105.8576



76.9947, 79.4274, 69.3429

Square

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



77.4333, 79.4274, 105.8576



81.9857, 79.4274, 81.0902



73.5861, 79.4274, 69.6295



69.3531, 79.4274, 92.1097

Rectangle

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



77.4333, 79.4274, 105.8576



81.7315, 79.4274, 94.1009



73.5861, 79.4274, 69.6295



69.5810, 79.4274, 79.2877

Sweetspot

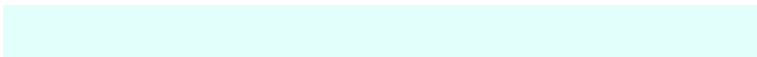
The Sweet Spot groups the original color and five complimentary colors.



77.4354, 79.4306, 105.8581



90.1425, 94.2802, 108.0546



84.6347, 94.6931, 105.5943



19.0203, 19.8603, 23.0809



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.



77.4354, 79.4306, 105.8581



73.7408, 75.1006, 105.2171



80.2113, 79.6386, 105.7519



17.1544, 17.6803, 22.7585



9.6783, 4.2662, 49.7479



0.9900, 0.5107, 4.8597

Inverse Universe

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



82.5805, 81.3112, 85.4748



79.9688, 77.4073, 80.5365



86.7558, 96.2235, 85.9534



18.0858, 18.0176, 19.0690



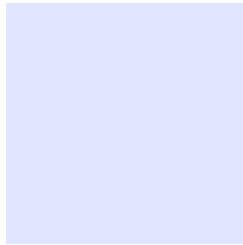
21.6734, 11.1586, 1.6644



2.1343, 1.0961, 0.2887

Previews

White Background



This preview shows how the XYZ color 77.4333, 79.4274, 105.8576 looks on a white background.

Color Contrast Check

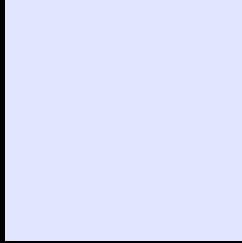
Large Text (above 18pt) WCAG AA × Fail

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 77.4333, 79.4274, 105.8576 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

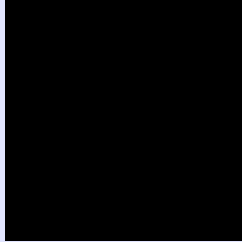
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 77.4333, 79.4274, 105.8576

Background



This preview shows how black text looks on a background with the XYZ color 77.4333, 79.4274, 105.8576.

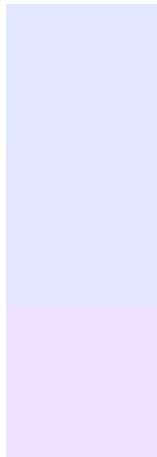


This preview shows how white text looks on a background with the XYZ color 77.4333, 79.4274,

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

77.4333, 79.4274, 105.8576

Protanopia

77.7479, 79.5895, 105.8723

Deuteranopia

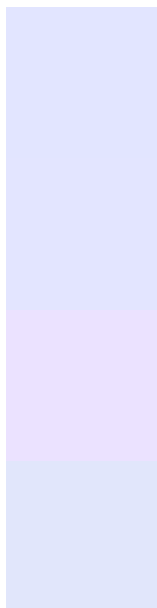
80.6408, 79.0566, 105.6170



Tritanopia

76.2914, 79.3785, 100.1075

Trichromacy



Original Color

77.4333, 79.4274, 105.8576

Protanomaly

77.7479, 79.5895, 105.8723

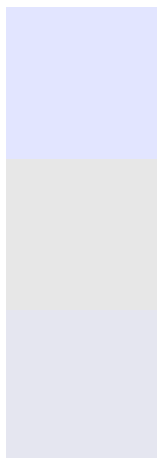
Deuteranomaly

79.5073, 79.2749, 105.7188

Tritanomaly

76.7607, 79.5662, 102.5789

Monochromacy



Original Color

77.4333, 79.4274, 105.8576

Achromatopsia

75.9547, 79.9103, 87.0223

Achromatomaly

76.3381, 79.5429, 93.7679

CSS Examples

Text

The CSS property to change the color of the text to XYZ 77.4333, 79.4274, 105.8576 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(226, 229, 255)` looks like.

```
.text, #text, p{  
    color:rgb(226, 229, 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(226, 229, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 229, 255) }
```

Border

The CSS property to change the border of an element to XYZ 77.4333, 79.4274, 105.8576 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(226, 229, 255) }
```


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

```
.border{ border-color:rgb(226, 229, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 229, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 229, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 229, 255);  
box-shadow:4px 4px 4px 4px rgb(226, 229,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 77.4333, 79.4274, 105.8576 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 229, 255) }
```

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

```
.background{ background-color: rgb(226,  
229, 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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