

Converting Colors

XYZ(99.7764, 87.0314,
230.6440)

Have a look what the booklet for
XYZ(99.7764, 87.0314, 230.6440)
contains.

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Color

**XYZ(75.9868, 77.4600,
105.5541)**

Conversions

Conversions Part 1

Format	Color
Hex	E0E2FF
RGB	224, 226, 255
RGB Percent	88%, 89%, 100%
CMY	0.1216, 0.1137, 0.0000
CMYK	0.12, 0.11, 0.00, 0.00
HSL	236°, 100%, 94%
HSV	236°, 12%, 100%
XYZ	75.9868, 77.4600, 105.5541
YIQ	228.7080, -10.5010, 8.5950

Conversions

Conversions Part 2

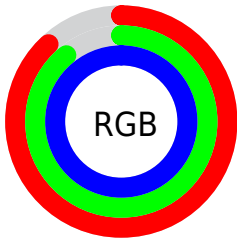
Format	Color
R _Y B	224, 226, 255
Decimal	14738175
CIE Lab	90.53, 4.86, -14.26
CIE LCh	91, 15.069, 288.823
Yxy	77.4600, 0.2934, 0.2991
Android (android.graphics.Color)	4292928255 (0xFFE0E2FF)
YUV	228.7080, 12.9620, -4.1289
Hunter-Lab	88.0114, 0.0925, -9.4999

Details

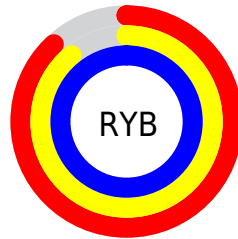
The XYZ color **75.9868, 77.4600, 105.5541** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **89.8192, 96.8906, 84.4903**, and the grayscale version is **74.1768, 78.0397, 84.9853**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.1181, 41.6381, 59.2959** is the 20% darker color. If you saturate the color by 10%, you get **62.6277, 61.6070, 103.1982**, and if you desaturate by 10%, it is **91.4375, 95.7348, 108.2671**.

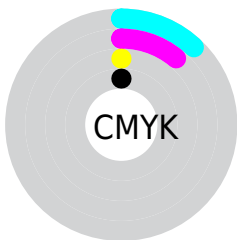
Distribution



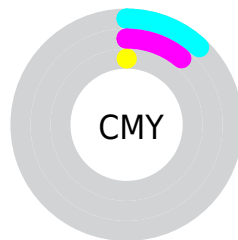
- Red (88%)
- Green (89%)
- Blue (100%)



- Red (88%)
- Yellow (89%)
- Blue (100%)



- Cyan (12%)
- Magenta (11%)
- Yellow (0%)
- Black (0%)



- Cyan (12%)
- Magenta (11%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 75.9868, 77.4600, 105.5541 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 75.9868, 77.4600, 105.5541 by changing the saturation by 10% instead.

75.9868, 77.4600,
105.5541

75.9868, 77.4600,
105.5541

470.2476,
486.3310, 599.2547

56.7187, 57.6305,
80.3044

126.6887,
129.7886, 170.8873

41.0187, 41.5117,
59.4412

158.8532,
163.0565, 211.8078

28.5214, 28.7191,
42.5461

196.0472,
201.5727, 258.7891

18.8615, 18.8684,
29.2004

238.6362,
245.7215, 312.2496

11.6737, 11.5752,
18.9856

286.9853,
295.8873, 372.6078

6.5925, 6.4552,
11.4831

341.4600,

3.2526, 3.1238,

352.4546, 440.2824

6.2745

402.4256,
415.8077, 515.6919

■ 1.2887, 1.1967,
2.9413

■ 0.1748, 0.0590,
1.0647

■ 75.9868, 77.4600,
105.5541

■ 75.9868, 77.4600,
105.5541

■ 62.6277, 61.6070,
103.1982

■ 91.4375, 95.7348,
108.2671

■ 51.2643, 48.0650,
101.1833

95.0500, 100.0000,
108.9000

■ 41.8026, 36.7290,
99.4939

■ 34.1385, 27.4820,
98.1130

■ 28.1579, 20.1962,
97.0219

■ 23.7337, 14.7296,
96.1999

■ 20.7204, 10.9213,
95.6237

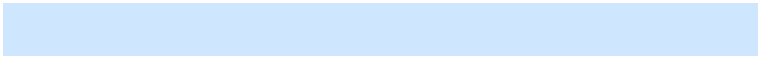
■ 18.9451, 8.5818,
95.2657

■ 18.2424, 7.6049,
95.1141

Harmonies

Analogous

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



72.2273, 77.4600, 106.3882



75.9868, 77.4600, 105.5541



79.2148, 77.4600, 98.7593

Triad

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



75.9868, 77.4600, 105.5541



78.4994, 77.4600, 69.6615



66.7392, 77.4600, 80.3805

Complementary

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



75.9868, 77.4600, 105.5541



89.8192, 96.8906, 84.4903

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.



68.3015, 77.4600, 71.3987



75.9868, 77.4600, 105.5541



75.0374, 77.4600, 65.5714

Square

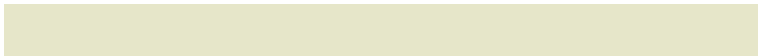
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



75.9868, 77.4600, 105.5541



80.6993, 77.4600, 77.8191



71.3095, 77.4600, 66.1789



66.9738, 77.4600, 91.2170

Rectangle

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



75.9868, 77.4600, 105.5541



80.5910, 77.4600, 92.0642



71.3095, 77.4600, 66.1789



67.0694, 77.4600, 77.0618

Sweetspot

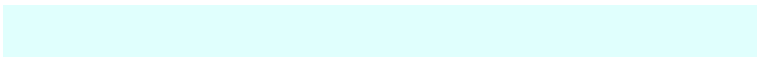
The Sweet Spot groups the original color and five complimentary colors.



75.9889, 77.4631, 105.5546



88.4279, 92.1795, 107.7395



84.2202, 94.4552, 106.6658



18.6689, 19.4250, 23.0154



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.



75.9889, 77.4631, 105.5546



71.9804, 72.7122, 104.8488



79.7766, 78.6119, 105.5767



17.0972, 17.5660, 22.7394



9.5674, 4.0443, 49.7110



0.9630, 0.4567, 4.8507

Inverse Universe

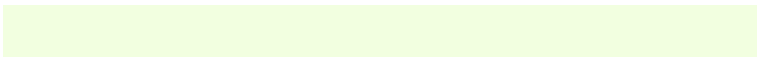
The Inverse Universe completely reimagines the original color for something new.



81.6244, 80.0637, 83.1070



78.8038, 75.8831, 77.6644



85.6845, 95.7028, 84.4790



18.0570, 18.0061, 18.9172



21.6174, 11.1362, 1.3696



2.1207, 1.0907, 0.2170

Previews

White Background



This preview shows how the XYZ color 75.9868, 77.4600, 105.5541 looks on a white background.

Color Contrast Check

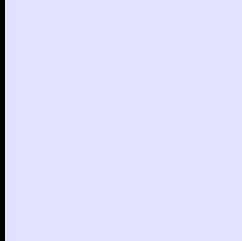
Large Text (above 18pt) WCAG AA × Fail

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 75.9868, 77.4600, 105.5541 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

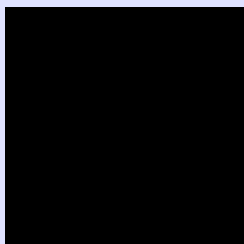
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 75.9868, 77.4600, 105.5541

Background



This preview shows how black text looks on a background with the XYZ color 75.9868, 77.4600, 105.5541.



This preview shows how white text looks on a background with the XYZ color 75.9868, 77.4600,

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

75.9868, 77.4600, 105.5541

Protanopia

75.9868, 77.4600, 105.5541

Deuteranopia

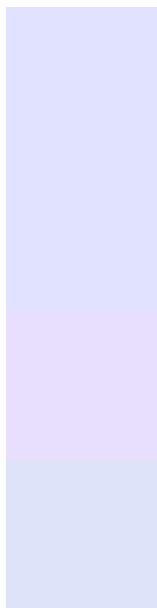
78.7633, 77.2954, 105.3760



Tritanopia

74.5022, 77.6702, 98.2539

Trichromacy



Original Color

75.9868, 77.4600, 105.5541

Protanomaly

75.9868, 77.4600, 105.5541

Deuteranomaly

77.7164, 77.1512, 105.4033

Tritanomaly

74.9994, 77.4657, 100.6220

Monochromacy



Original Color

75.9868, 77.4600, 105.5541

Achromatopsia

74.4753, 78.3538, 85.3273

Achromatomaly

74.8546, 77.9907, 91.9974

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.9868, 77.4600, 105.5541 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(224, 226, 255)` looks like.

```
.text, #text, p{  
    color:rgb(224, 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(224, 226, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 226, 255) }
```

Border

The CSS property to change the border of an element to XYZ 75.9868, 77.4600, 105.5541 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(224, 226, 255) }
```


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

```
.border{ border-color:rgb(224, 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(224, 226, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 226, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 226, 255);  
box-shadow:4px 4px 4px 4px rgb(224, 226,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 75.9868, 77.4600, 105.5541 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 226, 255) }
```

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

```
.background{ background-color: rgb(224,  
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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