

Converting Colors

XYZ(76.7353, 77.2111,
105.4666)

Have a look what the booklet for
XYZ(76.7353, 77.2111, 105.4666)
contains.

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Color

**XYZ(76.7006, 77.0253,
105.4326)**

Conversions

Conversions Part 1

Format	Color
Hex	E4E0FF
RGB	228, 224, 255
RGB Percent	89%, 88%, 100%
CMY	0.1059, 0.1215, 0.0000
CMYK	0.11, 0.12, 0.00, 0.00
HSL	248°, 100%, 94%
HSV	248°, 12%, 100%
XYZ	76.7006, 77.0253, 105.4326
YIQ	228.7300, -7.5670, 10.4890

Conversions

Conversions Part 2

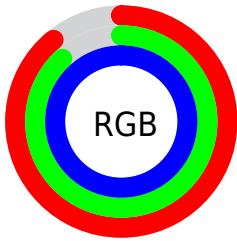
Format	Color
R _Y B	228, 224, 255
Decimal	14999807
CIE Lab	90.33, 7.17, -14.53
CIE LCh	90, 16.205, 296.266
Yxy	77.0253, 0.2960, 0.2972
Android (android.graphics.Color)	4293189887 (0xFFE4E0FF)
YUV	228.7300, 12.9511, -0.6402
Hunter-Lab	87.7641, 2.4113, -9.7913

Details

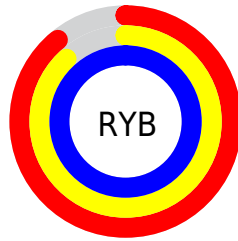
The XYZ color **76.7006, 77.0253, 105.4326** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **88.9999, 97.4119, 84.6362**, and the grayscale version is **74.1915, 78.0552, 85.0021**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.3943, 41.2238, 59.2014** is the 20% darker color. If you saturate the color by 10%, you get **63.7553, 60.9314, 103.0084**, and if you desaturate by 10%, it is **91.5830, 95.6476, 108.2426**.

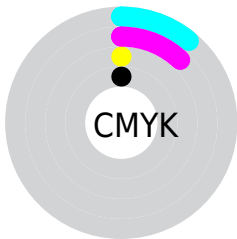
Distribution



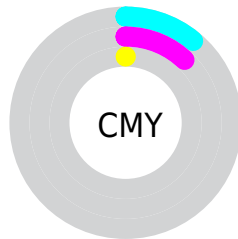
- Red (89%)
- Green (88%)
- Blue (100%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 76.7006, 77.0253, 105.4326 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 76.7006, 77.0253, 105.4326 by changing the saturation by 10% instead.

76.7006, 77.0253,
105.4326

76.7006, 77.0253,
105.4326

472.6502,
484.8503, 598.8680

57.3062, 57.2736,
80.2031

127.6918,
129.1752, 170.7197

41.4923, 41.2250,
59.3584

160.0195,
162.3422, 211.6145

28.8933, 28.4949,
42.4798

197.3889,
200.7498, 258.5681

19.1440, 18.6991,
29.1488

240.1654,
244.7824, 311.9992

11.8790, 11.4530,
18.9469

288.7145,
294.8243, 372.3261

6.7329, 6.3724,
11.4555

343.4014,

3.3405, 3.0728,

351.2600, 439.9676

6.2561

404.5915,
414.4739, 515.3420

■ 1.3363, 1.1699,
2.9301

■ 0.2101, 0.0369,
1.0591

■ 76.7006, 77.0253,
105.4326

■ 76.7006, 77.0253,
105.4326

■ 63.7553, 60.9314,
103.0084

■ 91.5830, 95.6476,
108.2426

■ 52.6611, 47.2476,
100.9519

95.0500, 100.0000,
108.9000

■ 43.3346, 35.8602,
99.2455

■ 35.6837, 26.6428,
97.8696

■ 29.6078, 19.4563,
96.8027

■ 24.9952, 14.1458,
96.0208

■ 21.7193, 10.5334,
95.4962

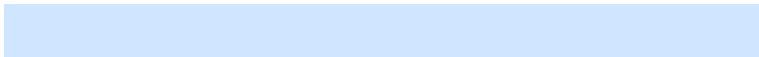
■ 19.6310, 8.4065,
95.1957

■ 18.6735, 7.5414,
95.0792

Harmonies

Analogous

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



72.7056, 77.0253, 108.0739



76.7006, 77.0253, 105.4326



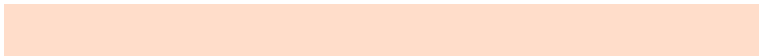
79.8596, 77.0253, 96.8338

Triad

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



76.7006, 77.0253, 105.4326



77.6078, 77.0253, 66.6994



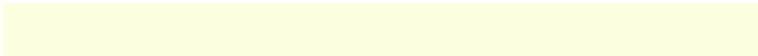
65.7318, 77.0253, 82.4273

Complementary

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



76.7006, 77.0253, 105.4326



88.9999, 97.4119, 84.6362

Split Complementary

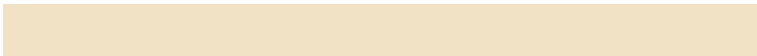
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



66.9406, 77.0253, 72.1136



76.7006, 77.0253, 105.4326



73.7172, 77.0253, 63.5757

Square

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



76.7006, 77.0253, 105.4326



80.3967, 77.0253, 74.4060



69.8274, 77.0253, 65.4637



66.4653, 77.0253, 94.0988

Rectangle

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



76.7006, 77.0253, 105.4326



81.0154, 77.0253, 89.2590



69.8274, 77.0253, 65.4637



65.9232, 77.0253, 78.6975

Sweetspot

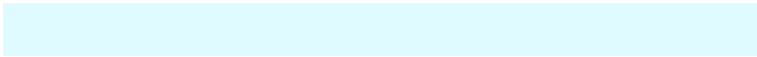
The Sweet Spot groups the original color and five complimentary colors.



76.7027, 77.0284, 105.4331



88.6885, 92.0176, 107.6945



83.4093, 92.3026, 108.0278



18.7346, 19.3842, 23.0041



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.



76.7027, 77.0284, 105.4331



72.8256, 72.1965, 104.7047



81.7102, 79.6099, 105.6674



17.2207, 17.4900, 22.7182



9.8242, 3.9750, 49.6841



1.0212, 0.4204, 4.8406

Inverse Universe

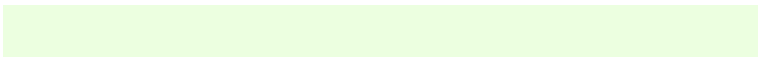
The Inverse Universe completely reimagines the original color for something new.



85.3101, 81.5393, 102.5115



83.2543, 77.6633, 101.1003



83.7696, 94.7155, 84.3915



18.6859, 18.2577, 22.2291



28.4856, 13.8835, 37.5374



2.8005, 1.3626, 3.7966

Previews

White Background



This preview shows how the XYZ color 76.7006, 77.0253, 105.4326 looks on a white background.

Color Contrast Check

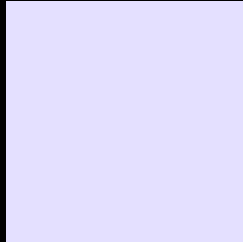
Large Text (above 18pt) WCAG AA × Fail

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 76.7006, 77.0253, 105.4326 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

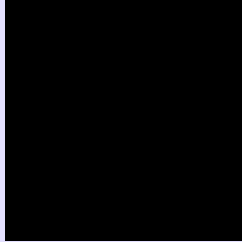
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 76.7006, 77.0253, 105.4326

Background



This preview shows how black text looks on a background with the XYZ color 76.7006, 77.0253, 105.4326.



This preview shows how white text looks on a background with the XYZ color 76.7006, 77.0253,

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

76.7006, 77.0253, 105.4326

Protanopia

75.6778, 77.3007, 105.5396

Deuteranopia

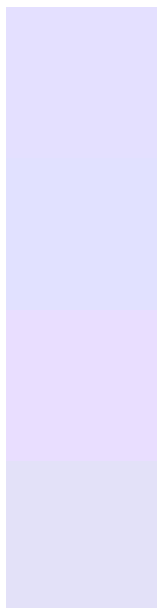
78.4985, 76.7658, 105.2877



Tritanopia

74.8895, 77.0931, 96.5213

Trichromacy



Original Color

76.7006, 77.0253, 105.4326

Protanomaly

76.0266, 77.0780, 105.4782

Deuteranomaly

77.7755, 76.7862, 105.3297

Tritanomaly

75.5470, 76.9586, 99.6797

Monochromacy



Original Color

76.7006, 77.0253, 105.4326

Achromatopsia

74.4753, 78.3538, 85.3273

Achromatomaly

75.2148, 77.7692, 91.9356

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.7006, 77.0253, 105.4326 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(228, 224, 255)` looks like.

```
.text, #text, p{  
    color:rgb(228, 224, 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(228, 224, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 224, 255) }
```

Border

The CSS property to change the border of an element to XYZ 76.7006, 77.0253, 105.4326 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(228, 224, 255) }
```


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

```
.border{ border-color:rgb(228, 224, 255) }
```

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

Here you see how a box with a 4 pixel rgb(228, 224, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 224, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 224, 255);  
box-shadow:4px 4px 4px 4px rgb(228, 224,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 76.7006, 77.0253, 105.4326 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 224, 255) }
```

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

```
.background{ background-color: rgb(228,  
224, 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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