

Converting Colors

XYZ(77.5501, 74.5417,
104.9084)

Have a look what the booklet for
XYZ(77.5501, 74.5417, 104.9084)
contains.

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Color

**XYZ(77.7879, 74.8502,
104.9554)**

Conversions

Conversions Part 1

Format	Color
Hex	EDD9FF
RGB	237, 217, 255
RGB Percent	93%, 85%, 100%
CMY	0.0706, 0.1490, 0.0000
CMYK	0.07, 0.15, 0.00, 0.00
HSL	272°, 100%, 93%
HSV	272°, 15%, 100%
XYZ	77.7879, 74.8502, 104.9554
YIQ	227.3120, -0.2780, 16.0580

Conversions

Conversions Part 2

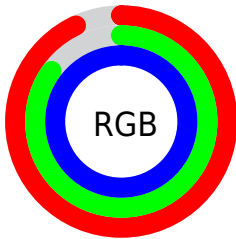
Format	Color
R _{YB}	237, 217, 255
Decimal	15587839
CIE _{Lab}	89.32, 13.72, -15.97
CIE _{LCh}	89, 21.055, 310.649
Yxy	74.8502, 0.3020, 0.2906
Android (android.graphics.Color)	4293777919 (0xFFEDD9FF)
YUV	227.3120, 13.6502, 8.4964
Hunter-Lab	86.5160, 9.0891, -11.3654

Details

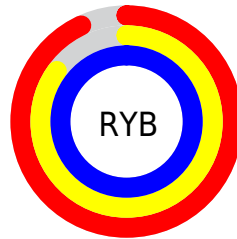
The XYZ color **77.7879, 74.8502, 104.9554** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **82.5471, 94.1927, 79.4795**, and the grayscale version is **73.1464, 76.9557, 83.8048**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.1694, 39.7416, 58.8744** is the 20% darker color. If you saturate the color by 10%, you get **67.8185, 60.6975, 102.7491**, and if you desaturate by 10%, it is **89.0486, 91.1801, 107.5139**.

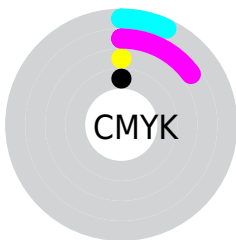
Distribution



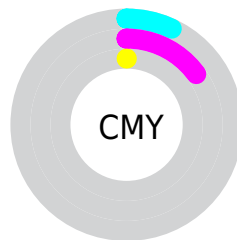
- Red (93%)
- Green (85%)
- Blue (100%)



- Red (93%)
- Yellow (85%)
- Blue (100%)



- Cyan (7%)
- Magenta (15%)
- Yellow (0%)
- Black (0%)



- Cyan (7%)
- Magenta (15%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 77.7879, 74.8502, 104.9554 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 77.7879, 74.8502, 104.9554 by changing the saturation by 10% instead.

77.7879, 74.8502,
104.9554

77.7879, 74.8502,
104.9554

476.2971,
477.4025, 597.3478

58.2019, 55.4902,
79.8055

129.2180,
126.1003, 170.0616

42.2149, 39.7943,
59.0331

161.7929,
158.7591, 210.8550

29.4614, 27.3782,
42.2196

199.4282,
196.6197, 257.7000

19.5762, 17.8575,
28.9464

242.4891,
240.0665, 311.0151

12.1938, 10.8477,
18.7951

291.3411,
289.4837, 371.2189

6.9490, 5.9645,
11.3470

346.3495,

3.4763, 2.8235,

345.2559, 438.7300

6.1836

407.8797,
407.7673, 513.9667

■ 1.4103, 1.0403,
2.8865

■ 0.2636, 0.0000,
1.0370

■ 77.7879, 74.8502,
104.9554

■ 77.7879, 74.8502,
104.9554

■ 67.8185, 60.6975,
102.7491

■ 89.0486, 91.1801,
107.5139

■ 59.0824, 48.6171,
100.8778

95.0500, 100.0000,
108.9000

■ 51.5262, 38.5090,
99.3250

■ 45.0896, 30.2612,
98.0723

■ 39.7064, 23.7500,
97.0992

■ 35.3024, 18.8360,
96.3828

■ 31.7922, 15.3574,
95.8964

■ 29.0713, 13.1155,
95.6070

■ 27.9146, 12.3054,
95.5117

Harmonies

Analogous

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



72.9878, 74.8502, 112.6552



77.7879, 74.8502, 104.9554



80.8970, 74.8502, 91.2580

Triad

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



77.7879, 74.8502, 104.9554



74.4734, 74.8502, 57.5711



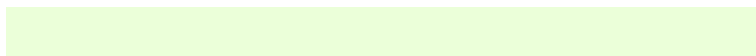
61.8514, 74.8502, 86.8510

Complementary

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



77.7879, 74.8502, 104.9554



82.5471, 94.1927, 79.4795

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.



62.2061, 74.8502, 72.4620



77.7879, 74.8502, 104.9554



69.3293, 74.8502, 56.6926

Square

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



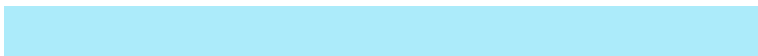
77.7879, 74.8502, 104.9554



78.9204, 74.8502, 64.3916



64.8875, 74.8502, 61.8272



63.8938, 74.8502, 101.3964

Rectangle

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



77.7879, 74.8502, 104.9554



81.5070, 74.8502, 81.1783



64.8875, 74.8502, 61.8272



61.6968, 74.8502, 81.8209

Sweetspot

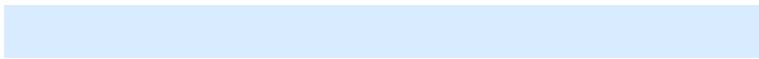
The Sweet Spot groups the original color and five complimentary colors.



77.7899, 74.8533, 104.9559



90.1266, 92.7590, 107.7618



76.4810, 81.6009, 106.3273



19.0978, 19.5715, 23.0211



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.



77.7899, 74.8533, 104.9559



74.5634, 70.2370, 104.2349



84.0024, 78.0677, 104.7153



17.9155, 17.8482, 22.7507



14.7599, 6.5195, 49.9150



1.5633, 0.6998, 4.8660

Inverse Universe

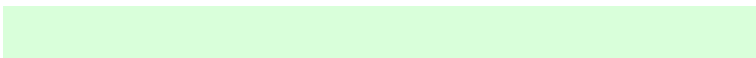
The Inverse Universe completely reimagines the original color for something new.



81.0501, 76.8868, 89.1685



78.4666, 72.6706, 85.3760



76.9845, 91.3156, 79.6501



18.3676, 18.1304, 20.5530



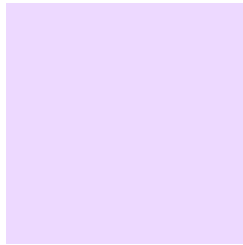
23.4197, 11.8572, 10.8603



2.3350, 1.1764, 1.3456

Previews

White Background



This preview shows how the XYZ color 77.7879, 74.8502, 104.9554 looks on a white background.

Color Contrast Check

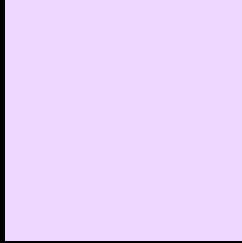
Large Text (above 18pt) WCAG AA × Fail

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 77.7879, 74.8502, 104.9554 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

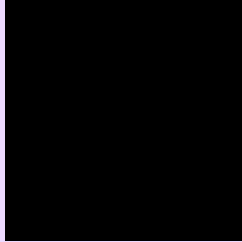
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 77.7879, 74.8502, 104.9554

Background



This preview shows how black text looks on a background with the XYZ color 77.7879, 74.8502, 104.9554.



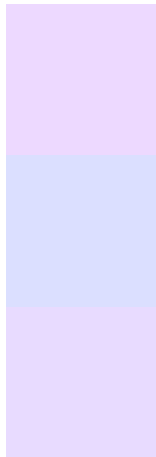
This preview shows how white text looks on a background with the XYZ color 77.7879, 74.8502,

104.9554.

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

77.7879, 74.8502, 104.9554

Protanopia

73.6511, 75.0554, 105.2131

Deuteranopia

76.6602, 75.0388, 105.0513



Tritanopia

74.8109, 74.7932, 90.6143

Trichromacy



Original Color

77.7879, 74.8502, 104.9554

Protanomaly

75.2705, 75.1017, 105.1366

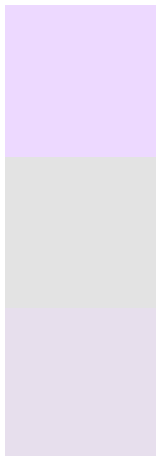
Deuteranomaly

77.0531, 74.8552, 104.9951

Tritanomaly

75.9216, 74.8569, 96.0353

Monochromacy



Original Color

77.7879, 74.8502, 104.9554

Achromatopsia

73.0128, 76.8151, 83.6517

Achromatomaly

74.6287, 75.8787, 90.8335

CSS Examples

Text

The CSS property to change the color of the text to XYZ 77.7879, 74.8502, 104.9554 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(237, 217, 255)` looks like.

```
.text, #text, p{  
    color:rgb(237, 217, 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(237, 217, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 217, 255) }
```

Border

The CSS property to change the border of an element to XYZ 77.7879, 74.8502, 104.9554 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(237, 217, 255) }
```


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

```
.border{ border-color:rgb(237, 217, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 217, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 217, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 217, 255);  
box-shadow:4px 4px 4px 4px rgb(237, 217,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 77.7879, 74.8502, 104.9554 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 217, 255) }
```

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

```
.background{ background-color: rgb(237,  
217, 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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