

Converting Colors

XYZ(77.6809, 76.9009, 97.9379)

Have a look what the booklet for
XYZ(77.6809, 76.9009, 97.9379)
contains.

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Color

**XYZ(77.6809, 76.9009,
97.9379)**

Conversions

Conversions Part 1

Format	Color
Hex	EDDEF6
RGB	237, 222, 246
RGB Percent	93%, 87%, 96%
CMY	0.0706, 0.1294, 0.0353
CMYK	0.04, 0.10, 0.00, 0.04
HSL	277°, 57%, 92%
HSV	277°, 10%, 96%
XYZ	77.6809, 76.9009, 97.9379
YIQ	229.2210, 1.2360, 10.6440

Conversions

Conversions Part 2

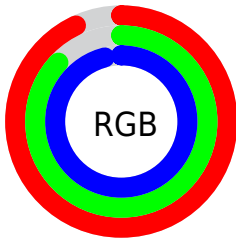
Format	Color
R _Y B	237, 222, 246
Decimal	15589110
CIE Lab	90.28, 9.39, -9.83
CIE LCh	90, 13.593, 313.708
Yxy	76.9009, 0.3076, 0.3045
Android (android.graphics.Color)	4293779190 (0xFFEDDEF6)
YUV	229.2210, 8.2720, 6.8222
Hunter-Lab	87.6932, 4.6570, -4.8313

Details

The XYZ color **77.6809, 76.9009, 97.9379** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **79.0984, 88.1764, 81.9619**, and the grayscale version is **74.5812, 78.4652, 85.4486**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.1690, 41.1789, 54.4410** is the 20% darker color. If you saturate the color by 10%, you get **68.6170, 63.2280, 95.7777**, and if you desaturate by 10%, it is **87.8611, 92.5685, 100.4267**.

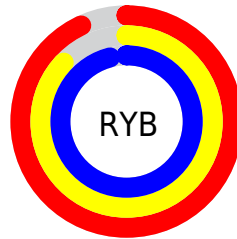
Distribution



Red (93%)

Green (87%)

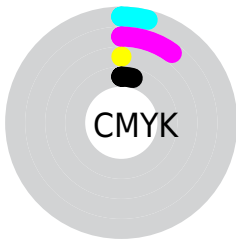
Blue (96%)



Red (93%)

Yellow (87%)

Blue (96%)

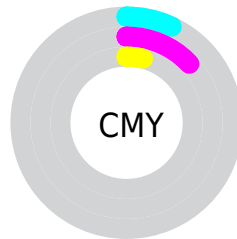


Cyan (4%)

Magenta (10%)

Yellow (0%)

Black (4%)



Cyan (7%)

Magenta (13%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 77.6809, 76.9009, 97.9379 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 77.6809, 76.9009, 97.9379 by changing the saturation by 10% instead.

77.6809, 76.9009,
97.9379

77.6809, 76.9009,
97.9379

475.9389,
484.4261, 574.7510

58.1138, 57.1715,
73.9723

129.0679,
128.9996, 160.3476

42.1437, 41.1430,
54.2747

161.6186,
162.1377, 199.6287

29.4054, 28.4308,
38.4266

199.2277,
200.5142, 244.8520

19.5336, 18.6507,
26.0096

242.2607,
244.5134, 296.4361

12.1627, 11.4181,
16.6050

291.0830,
294.5199, 354.7995

6.9276, 6.3488,
9.7943

346.0599,

3.4628, 3.0583,

350.9179, 420.3608

5.1590

407.5567,
414.0918, 493.5385

■ 1.4030, 1.1623,
2.2805

■ 0.2583, 0.0306,
0.7202

■ 77.6809, 76.9009,
97.9379

■ 77.6809, 76.9009,
97.9379

■ 68.6170, 63.2280,
95.7777

■ 87.8611, 92.5685,
100.4267

■ 60.6191, 51.4567,
93.9271

■ 93.6348, 99.4339,
101.4475

■ 53.6430, 41.5006,
92.3731

■ 47.6384, 33.2631,
91.0995

■ 42.5505, 26.6381,
90.0889

■ 38.3183, 21.5076,
89.3217

■ 34.8723, 17.7365,
88.7754

■ 32.1305, 15.1648,
88.4236

■ 29.9614, 13.5338,
88.2231

Harmonies

Analogous

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



74.6448, 76.9009, 103.1723



77.6809, 76.9009, 97.9379



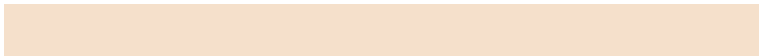
79.5171, 76.9009, 89.0692

Triad

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



77.6809, 76.9009, 97.9379



74.9326, 76.9009, 67.0888



66.9511, 76.9009, 88.2261

Complementary

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



77.6809, 76.9009, 97.9379



79.0984, 88.1764, 81.9619

Split Complementary

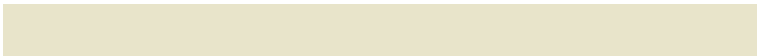
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



67.0227, 76.9009, 78.6124



77.6809, 76.9009, 97.9379



71.5609, 76.9009, 66.9013

Square

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



77.6809, 76.9009, 97.9379



77.8972, 76.9009, 71.5043



68.6875, 76.9009, 70.9709



68.4886, 76.9009, 97.2798

Rectangle

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



77.6809, 76.9009, 97.9379



79.7793, 76.9009, 82.5326



68.6875, 76.9009, 70.9709



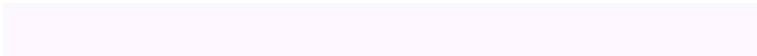
66.7892, 76.9009, 84.9430

Sweetspot

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



77.6832, 76.9042, 97.9396



91.6102, 94.6757, 108.0536



75.3937, 79.4504, 98.5517



19.4156, 19.9672, 23.0807



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.



77.6832, 76.9042, 97.9396



81.9564, 79.8946, 105.7094



80.3374, 78.3218, 95.8373



16.5763, 16.4397, 20.8421



16.1260, 7.2876, 47.0947



1.5309, 0.6991, 4.1445

Inverse Universe

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



78.5538, 77.6083, 86.4447



83.1256, 80.8355, 90.4844



76.6461, 86.8685, 83.8224



16.7562, 16.5853, 18.4626



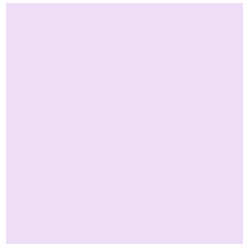
21.3858, 10.8978, 6.7400



1.9277, 0.9771, 0.8459

Previews

White Background



This preview shows how the XYZ color 77.6809, 76.9009, 97.9379 looks on a white background.

Color Contrast Check

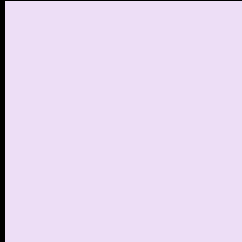
Large Text (above 18pt) WCAG AA × Fail

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 77.6809, 76.9009, 97.9379 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

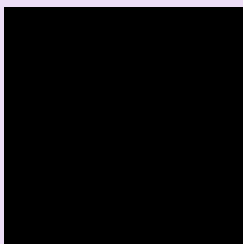
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 77.6809, 76.9009, 97.9379

Background



This preview shows how black text looks on a background with the XYZ color 77.6809, 76.9009, 97.9379.



This preview shows how white text looks on a background with the XYZ color 77.6809, 76.9009,

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

77.6809, 76.9009, 97.9379

Protanopia

75.1910, 77.1776, 99.7407

Deuteranopia

78.4262, 76.8920, 97.8969



Tritanopia

76.7079, 76.8995, 93.2382

Trichromacy



Original Color

77.6809, 76.9009, 97.9379

Protanomaly

76.0268, 77.2238, 98.8943

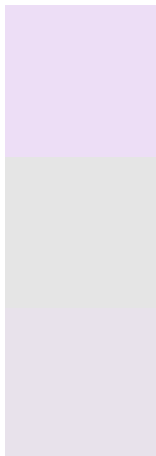
Deuteranomaly

78.0876, 76.7174, 97.8811

Tritanomaly

77.0068, 77.0190, 94.8119

Monochromacy



Original Color

77.6809, 76.9009, 97.9379

Achromatopsia

74.4753, 78.3538, 85.3273

Achromatomaly

75.4705, 77.5467, 89.5875

CSS Examples

Text

The CSS property to change the color of the text to XYZ 77.6809, 76.9009, 97.9379 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, 222, 246)` looks like.

```
.text, #text, p{  
    color:rgb(237, 222, 246)  
}
```

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, 222, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 222, 246) }
```

Border

The CSS property to change the border of an element to XYZ 77.6809, 76.9009, 97.9379 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, 222, 246) }
```


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

```
.border{ border-color:rgb(237, 222, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 222, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 222, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 222, 246);  
box-shadow:4px 4px 4px 4px rgb(237, 222,  
246) }
```

Background

The CSS property to change the background color of an element to XYZ 77.6809, 76.9009, 97.9379 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 222, 246) }
```

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

```
.background{ background-color: rgb(237,  
222, 246) }
```

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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