

Converting Colors

XYZ(75.5703, 74.6405, 97.6128)

Have a look what the booklet for
XYZ(75.5703, 74.6405, 97.6128)
contains.

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Color

**XYZ(75.5703, 74.6405,
97.6128)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | E9DBF6 |
| RGB | 233, 219, 246 |
| RGB Percent | 91%, 86%, 96% |
| CMY | 0.0863, 0.1412, 0.0353 |
| CMYK | 0.05, 0.11, 0.00, 0.04 |
| HSL | 271°, 60%, 91% |
| HSV | 271°, 11%, 96% |
| XYZ | 75.5703, 74.6405, 97.6128 |
| YIQ | 226.2640, -0.3230, 11.3650 |

Conversions

Conversions Part 2

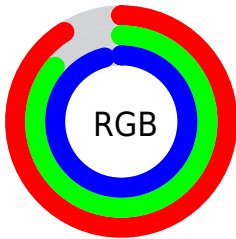
| Format | Color |
|-------------------------------------|-----------------------------|
| R _Y B | 233, 219, 246 |
| Decimal | 15326198 |
| CIE Lab | 89.22, 9.65, -11.43 |
| CIE LCh | 89, 14.957, 310.193 |
| Yxy | 74.6405, 0.3049, 0.3012 |
| Android (android.graphics.Color) | 4293516278 (0xFFE9DBF6) |
| YUV | 226.2640, 9.7298, 5.9075 |
| Hunter-Lab | 86.3947, 4.9449, -6.5123 |

Details

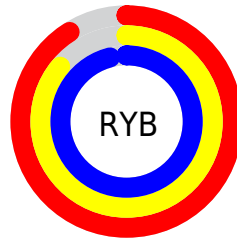
The XYZ color **75.5703, 74.6405, 97.6128** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **79.0234, 88.1838, 79.8777**, and the grayscale version is **72.4136, 76.1847, 82.9652**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.7012, 39.6157, 54.2166** is the 20% darker color. If you saturate the color by 10%, you get **65.8831, 60.8147, 95.4559**, and if you desaturate by 10%, it is **86.4699, 90.5032, 100.1013**.

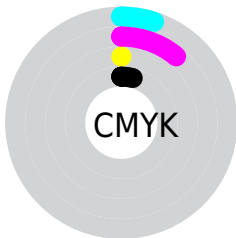
Distribution



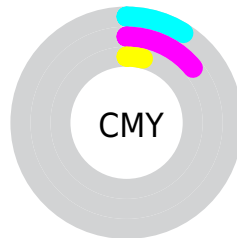
- Red (91%)
- Green (86%)
- Blue (96%)



- Red (91%)
- Yellow (86%)
- Blue (96%)



- Cyan (5%)
- Magenta (11%)
- Yellow (0%)
- Black (4%)



- Cyan (9%)
- Magenta (14%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 75.5703, 74.6405, 97.6128 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 75.5703, 74.6405, 97.6128 by changing the saturation by 10% instead.

75.5703, 74.6405,
97.6128

75.5703, 74.6405,
97.6128

468.8425,
476.6810, 573.6928

56.3760, 55.3184,
73.7027

126.1029,
125.8033, 159.8959

40.7427, 39.6567,
54.0554

158.1720,
158.4129, 199.1059

28.3049, 27.2710,
38.2525

195.2634,
196.2204, 244.2530

18.6972, 17.7769,
25.8753

237.7424,
239.6103, 295.7556

11.5544, 10.7899,
16.5055

285.9745,
288.9669, 354.0324

6.5111, 5.9257,
9.7243

340.3250,

3.2018, 2.8000,

344.6746, 419.5018

5.1134

401.1592,
407.1178, 492.5824

■ 1.2614, 1.0282,
2.2540

■ 0.1540, 0.0000,
0.7053

■ 75.5703, 74.6405,
97.6128

■ 75.5703, 74.6405,
97.6128

■ 65.8831, 60.8147,
95.4559

■ 86.4699, 90.5032,
100.1013

■ 57.3552, 48.9309,
93.6115

■ 93.6348, 99.4339,
101.4474

■ 49.9391, 38.9004,
92.0663

■ 43.5812, 30.6241,
90.8039

■ 38.2228, 23.9930,
89.8064

■ 33.7990, 18.8856,
89.0537

■ 30.2359, 15.1629,
88.5230

■ 27.4456, 12.6588,
88.1867

■ 25.4680, 11.2076,
88.0108

Harmonies

Analogous

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



72.1929, 74.6405, 102.7034



75.5703, 74.6405, 97.6128



77.7541, 74.6405, 88.2741

Triad

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



75.5703, 74.6405, 97.6128



73.3485, 74.6405, 63.7879



64.2574, 74.6405, 84.8802

Complementary

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



75.5703, 74.6405, 97.6128



79.0234, 88.1838, 79.8777

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.



64.5428, 74.6405, 74.6481



75.5703, 74.6405, 97.6128



69.7087, 74.6405, 63.0489

Square

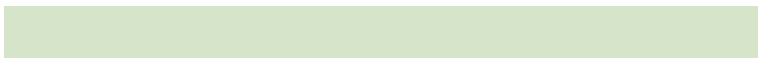
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



75.5703, 74.6405, 97.6128



76.4412, 74.6405, 68.9762



66.5096, 74.6405, 66.8628



65.7161, 74.6405, 94.9459

Rectangle

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



75.5703, 74.6405, 97.6128



78.1962, 74.6405, 81.2031



66.5096, 74.6405, 66.8628



64.1538, 74.6405, 81.3386

Sweetspot

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



75.5725, 74.6437, 97.6144



91.3156, 94.5238, 108.0398



74.7215, 79.4581, 98.5886



19.3361, 19.9262, 23.0770



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.



75.5725, 74.6437, 97.6144



79.7405, 77.7401, 105.4103



79.9052, 76.8852, 97.4571



16.4008, 16.3493, 20.8339



13.7567, 6.0662, 46.9839



1.3278, 0.5943, 4.1350

Inverse Universe

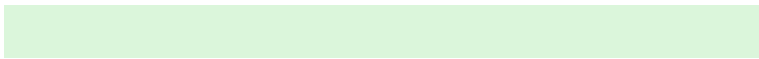
The Inverse Universe completely reimagines the original color for something new.



77.9056, 76.0854, 86.9276



82.7266, 79.5850, 91.7463



75.0174, 86.1118, 79.9999



16.8315, 16.6155, 18.8595



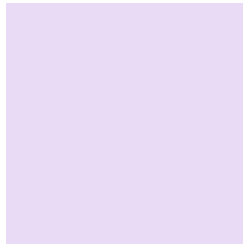
22.1163, 11.1900, 10.5867



1.9955, 1.0042, 1.2025

Previews

White Background



This preview shows how the XYZ color 75.5703, 74.6405, 97.6128 looks on a white background.

Color Contrast Check

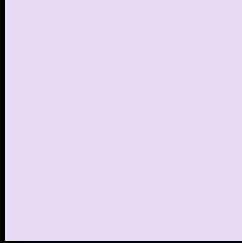
Large Text (above 18pt) WCAG AA × Fail

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 75.5703, 74.6405, 97.6128 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

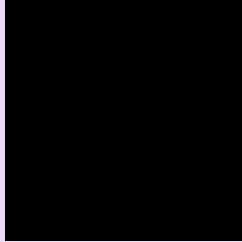
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

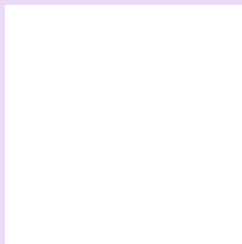
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 75.5703, 74.6405, 97.6128

Background



This preview shows how black text looks on a background with the XYZ color 75.5703, 74.6405, 97.6128.



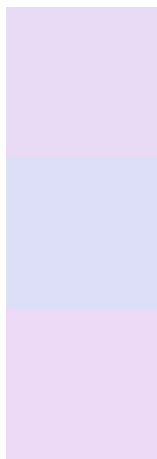
This preview shows how white text looks on a background with the XYZ color 75.5703, 74.6405,

97.6128.

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

75.5703, 74.6405, 97.6128

Protanopia

73.1497, 74.9248, 99.4135

Deuteranopia

76.2980, 74.6295, 97.5724



Tritanopia

74.3045, 74.5153, 91.3555

Trichromacy



Original Color

75.5703, 74.6405, 97.6128

Protanomaly

73.9611, 74.9655, 98.5673

Deuteranomaly

75.9669, 74.4588, 97.5569

Tritanomaly

74.7491, 74.6931, 93.6966

Monochromacy



Original Color

75.5703, 74.6405, 97.6128

Achromatopsia

72.2879, 76.0525, 82.8211

Achromatomaly

73.4088, 75.3166, 87.7593

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.5703, 74.6405, 97.6128 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(233, 219, 246)` looks like.

```
.text, #text, p{  
    color:rgb(233, 219, 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(233, 219, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 219, 246) }
```

Border

The CSS property to change the border of an element to XYZ 75.5703, 74.6405, 97.6128 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(233, 219, 246) }
```


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

```
.border{ border-color:rgb(233, 219, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 219, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 219, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 219, 246);  
box-shadow:4px 4px 4px 4px rgb(233, 219,  
246) }
```

Background

The CSS property to change the background color of an element to XYZ 75.5703, 74.6405, 97.6128 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 219, 246) }
```

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

```
.background{ background-color: rgb(233,  
219, 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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