

Converting Colors

XYZ(75.9388, 76.5938, 97.8066)

Have a look what the booklet for
XYZ(75.9388, 76.5938, 97.8066)
contains.

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Color

**XYZ(75.9772, 76.4181,
97.9345)**

Conversions

Conversions Part 1

Format	Color
Hex	E7DFF6
RGB	231, 223, 246
RGB Percent	91%, 87%, 96%
CMY	0.0941, 0.1255, 0.0353
CMYK	0.06, 0.09, 0.00, 0.04
HSL	261°, 56%, 92%
HSV	261°, 9%, 96%
XYZ	75.9772, 76.4181, 97.9345
YIQ	228.0140, -2.6150, 8.8490

Conversions

Conversions Part 2

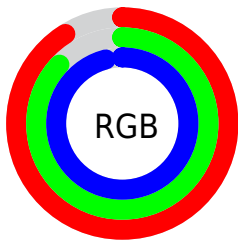
Format	Color
R _Y B	231, 223, 246
Decimal	15196150
CIE Lab	90.05, 6.91, -10.21
CIE LCh	90, 12.327, 304.096
Yxy	76.4181, 0.3035, 0.3053
Android (android.graphics.Color)	4293386230 (0xFFE7DFF6)
YUV	228.0140, 8.8671, 2.6187
Hunter-Lab	87.4174, 2.1593, -5.2309

Details

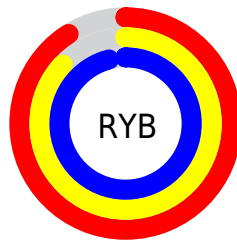
The XYZ color **75.9772, 76.4181, 97.9345** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **81.5378, 89.4184, 82.7778**, and the grayscale version is **73.6935, 77.5313, 84.4316**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.9761, 40.8369, 54.4378** is the 20% darker color. If you saturate the color by 10%, you get **64.9330, 61.6680, 95.6707**, and if you desaturate by 10%, it is **88.4556, 93.3292, 100.5422**.

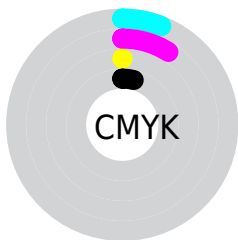
Distribution



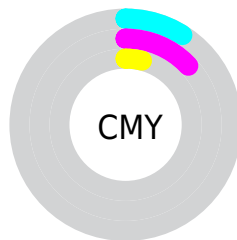
- Red (91%)
- Green (87%)
- Blue (96%)



- Red (91%)
- Yellow (87%)
- Blue (96%)



- Cyan (6%)
- Magenta (9%)
- Yellow (0%)
- Black (4%)



- Cyan (9%)
- Magenta (13%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 75.9772, 76.4181, 97.9345 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 75.9772, 76.4181, 97.9345 by changing the saturation by 10% instead.

75.9772, 76.4181,
97.9345

75.9772, 76.4181,
97.9345

470.2152,
482.7777, 574.7400

56.7108, 56.7754,
73.9694

126.6752,
128.3177, 160.3428

41.0123, 40.8250,
54.2724

158.8375,
161.3435, 199.6232

28.5164, 28.1823,
38.4248

196.0292,
199.5990, 244.8457

18.8578, 18.4632,
26.0082

238.6156,
243.4688, 296.4290

11.6709, 11.2830,
16.6039

286.9620,
293.3371, 354.7915

6.5906, 6.2575,
9.7936

341.4339,

3.2515, 3.0023,

349.5885, 420.3518

5.1585

402.3965,
412.6072, 493.5285

■ 1.2881, 1.1329,
2.2802

■ 0.1743, 0.0059,
0.7201

■ 75.9772, 76.4181,
97.9345

■ 75.9772, 76.4181,
97.9345

■ 64.9330, 61.6680,
95.6707

■ 88.4556, 93.3292,
100.5422

■ 55.2625, 48.9805,
93.7315

■ 93.6348, 99.4339,
101.4475

■ 46.9108, 38.2643,
92.1032

■ 39.8164, 29.4170,
90.7694

■ 33.9126, 22.3267,
89.7120

■ 29.1260, 16.8693,
88.9109

■ 25.3740, 12.9039,
88.3433

■ 22.5604, 10.2638,
87.9820

■ 20.5443, 8.6952,
87.7855

Harmonies

Analogous

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



73.0537, 76.4181, 101.1460



75.9772, 76.4181, 97.9345



78.0481, 76.4181, 90.7767

Triad

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



75.9772, 76.4181, 97.9345



75.2305, 76.4181, 68.9679



66.9283, 76.4181, 84.4143

Complementary

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



75.9772, 76.4181, 97.9345



81.5378, 89.4184, 82.7778

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.



67.4746, 76.4181, 76.0690



75.9772, 76.4181, 97.9345



72.2142, 76.4181, 67.5242

Square

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



75.9772, 76.4181, 97.9345



77.6085, 76.4181, 74.1245



69.3886, 76.4181, 70.0341



67.8750, 76.4181, 93.0012

Rectangle

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



75.9772, 76.4181, 97.9345



78.6362, 76.4181, 84.9493



69.3886, 76.4181, 70.0341



66.9436, 76.4181, 81.4874

Sweetspot

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



75.9795, 76.4213, 97.9362



90.8459, 94.2817, 108.0178



77.7403, 83.6877, 99.2459



19.2095, 19.8609, 23.0710



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.



75.9795, 76.4213, 97.9362



80.3316, 80.0844, 105.8316



79.6998, 78.3392, 98.1103



16.1246, 16.2069, 20.8209



11.0410, 4.6662, 46.8568



1.0769, 0.4650, 4.1232

Inverse Universe

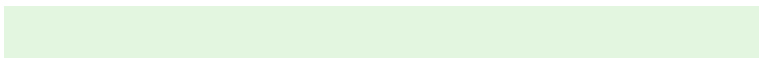
The Inverse Universe completely reimagines the original color for something new.



79.8290, 78.5446, 91.8460



85.2145, 82.7784, 98.0699



77.9037, 87.5450, 82.6077



16.9546, 16.6647, 19.5074



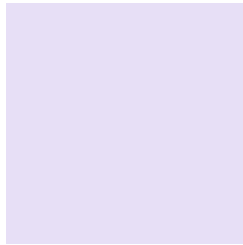
23.7632, 11.8487, 19.2591



2.1369, 1.0607, 1.9475

Previews

White Background



This preview shows how the XYZ color 75.9772, 76.4181, 97.9345 looks on a white background.

Color Contrast Check

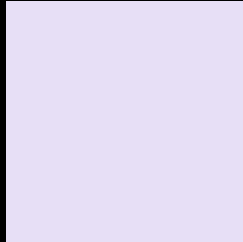
Large Text (above 18pt) WCAG AA × Fail

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 75.9772, 76.4181, 97.9345 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

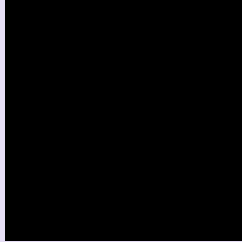
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 75.9772, 76.4181, 97.9345

Background



This preview shows how black text looks on a background with the XYZ color 75.9772, 76.4181, 97.9345.



This preview shows how white text looks on a background with the XYZ color 75.9772, 76.4181,

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

75.9772, 76.4181, 97.9345

Protanopia

74.4542, 76.4131, 98.8207

Deuteranopia

77.9783, 76.2525, 98.6040



Tritanopia

75.1660, 76.4852, 94.0205

Trichromacy



Original Color

75.9772, 76.4181, 97.9345

Protanomaly

75.1227, 76.3576, 98.7748

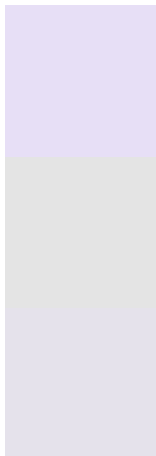
Deuteranomaly

77.2370, 76.2612, 98.6447

Tritanomaly

75.4664, 76.6054, 95.6028

Monochromacy



Original Color

75.9772, 76.4181, 97.9345

Achromatopsia

73.7419, 77.5822, 84.4870

Achromatomaly

74.5049, 77.0489, 89.5424

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.9772, 76.4181, 97.9345 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(231, 223, 246) looks like.

```
.text, #text, p{  
    color:rgb(231, 223, 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(231, 223, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 223, 246) }
```

Border

The CSS property to change the border of an element to XYZ 75.9772, 76.4181, 97.9345 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(231, 223, 246) }
```


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

```
.border{ border-color:rgb(231, 223, 246) }
```

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

Here you see how a box with a 4 pixel rgb(231, 223, 246) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 223, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 223, 246);  
box-shadow:4px 4px 4px 4px rgb(231, 223,  
246) }
```

Background

The CSS property to change the background color of an element to XYZ 75.9772, 76.4181, 97.9345 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 223, 246) }
```

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

```
.background{ background-color: rgb(231,  
223, 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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