

Converting Colors

XYZ(75.1723, 75.7566, 97.2782)

Have a look what the booklet for
XYZ(75.1723, 75.7566, 97.2782)
contains.

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Color

**XYZ(74.9158, 75.4931,
97.0093)**

Conversions

Conversions Part 1

Format	Color
Hex	E5DEF5
RGB	229, 222, 245
RGB Percent	90%, 87%, 96%
CMY	0.1020, 0.1294, 0.0392
CMYK	0.07, 0.09, 0.00, 0.04
HSL	258°, 53%, 92%
HSV	258°, 9%, 96%
XYZ	74.9158, 75.4931, 97.0093
YIQ	226.7150, -3.2110, 8.6370

Conversions

Conversions Part 2

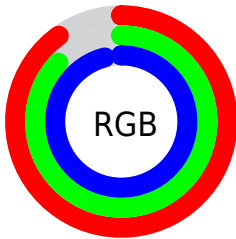
Format	Color
R _Y B	229, 222, 245
Decimal	15064821
CIE Lab	89.62, 6.59, -10.34
CIE LCh	90, 12.261, 302.519
Yxy	75.4931, 0.3028, 0.3051
Android (android.graphics.Color)	4293254901 (0xFFE5DEF5)
YUV	226.7150, 9.0145, 2.0039
Hunter-Lab	86.8868, 1.8550, -5.3767

Details

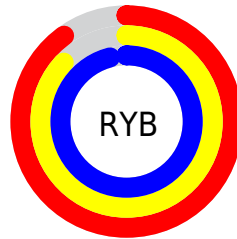
The XYZ color **74.9158, 75.4931, 97.0093** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **81.0998, 88.7578, 81.9684**, and the grayscale version is **72.7468, 76.5353, 83.3470**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.2376, 40.1958, 53.7819** is the 20% darker color. If you saturate the color by 10%, you get **63.7015, 60.7455, 94.7549**, and if you desaturate by 10%, it is **87.6141, 92.4135, 99.6071**.

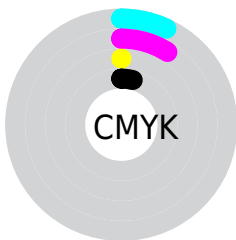
Distribution



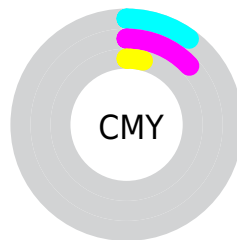
- Red (90%)
- Green (87%)
- Blue (96%)



- Red (90%)
- Yellow (87%)
- Blue (96%)



- Cyan (7%)
- Magenta (9%)
- Yellow (0%)
- Black (4%)



- Cyan (10%)
- Magenta (13%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.9158, 75.4931, 97.0093 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 74.9158, 75.4931, 97.0093 by changing the saturation by 10% instead.

74.9158, 75.4931,
97.0093

74.9158, 75.4931,
97.0093

466.6298,
479.6107, 571.7256

55.8378, 56.0169,
73.2023

125.1817,
127.0101, 159.0570

40.3094, 40.2165,
53.6486

157.1004,
159.8198, 198.1348

27.9652, 27.7074,
37.9295

194.0300,
197.8427, 243.1400

18.4397, 18.1052,
25.6266

236.3359,
241.4634, 294.4912

11.3677, 11.0255,
16.3212

284.3835,
291.0661, 352.6067

6.3839, 6.0840,
9.5950

338.5381,

3.1227, 2.8962,

347.0353, 417.9053

5.0292

399.1651,
409.7554, 490.8054

■ 1.2190, 1.0778,
2.2053

■ 0.1213, 0.0000,
0.6774

■ 74.9158, 75.4931,
97.0093

■ 74.9158, 75.4931,
97.0093

■ 63.7015, 60.7455,
94.7549

■ 87.6141, 92.4135,
99.6071

■ 53.9087, 48.0719,
92.8248

■ 93.4816, 99.3727,
100.6412

■ 45.4800, 37.3801,
91.2054

■ 38.3514, 28.5674,
89.8800

■ 32.4534, 21.5211,
88.8308

■ 27.7099, 16.1165,
88.0376

■ 24.0348, 12.2118,
87.4777

■ 21.3286, 9.6398,
87.1239

■ 19.4460, 8.1451,
86.9346

Harmonies

Analogous

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



72.0090, 75.4931, 99.9273



74.9158, 75.4931, 97.0093



77.0210, 75.4931, 90.1015

Triad

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



74.9158, 75.4931, 97.0093



74.4626, 75.4931, 68.3316



66.1165, 75.4931, 82.9309

Complementary

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



74.9158, 75.4931, 97.0093



81.0998, 88.7578, 81.9684

Split Complementary

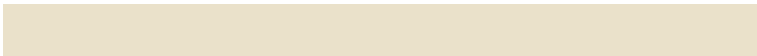
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



66.7326, 75.4931, 74.7729



74.9158, 75.4931, 97.0093



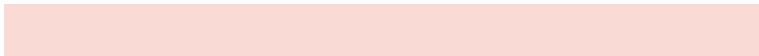
71.4995, 75.4931, 66.7025

Square

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



74.9158, 75.4931, 97.0093



76.7543, 75.4931, 73.5928



68.6823, 75.4931, 68.9787



66.9756, 75.4931, 91.4516

Rectangle

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



74.9158, 75.4931, 97.0093



77.6568, 75.4931, 84.3800



68.6823, 75.4931, 68.9787



66.1580, 75.4931, 80.0562

Sweetspot

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



74.9180, 75.4963, 97.0110



90.7268, 94.2203, 108.0123



77.2118, 83.3319, 98.4025



19.1774, 19.8444, 23.0695



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.



74.9180, 75.4963, 97.0110



79.9265, 79.8756, 105.8127



78.6762, 77.4337, 97.1868



16.0553, 16.1711, 20.8177



10.5456, 4.4108, 46.8336



1.0269, 0.4393, 4.1209

Inverse Universe

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



79.2126, 77.8314, 91.7405



85.4015, 82.8533, 99.0550



77.3923, 86.8465, 81.7949



16.9863, 16.6774, 19.6747



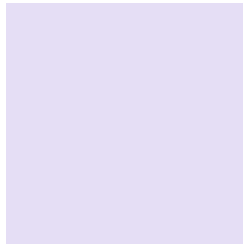
24.2828, 12.0565, 21.9952



2.1798, 1.0779, 2.1732

Previews

White Background



This preview shows how the XYZ color 74.9158, 75.4931, 97.0093 looks on a white background.

Color Contrast Check

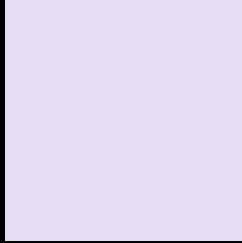
Large Text (above 18pt) WCAG AA × Fail

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 74.9158, 75.4931, 97.0093 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

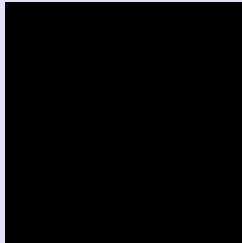
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 74.9158, 75.4931, 97.0093

Background



This preview shows how black text looks on a background with the XYZ color 74.9158, 75.4931, 97.0093.



This preview shows how white text looks on a background with the XYZ color 74.9158, 75.4931,

97.0093.

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

74.9158, 75.4931, 97.0093

Protanopia

73.7216, 75.6531, 97.9057

Deuteranopia

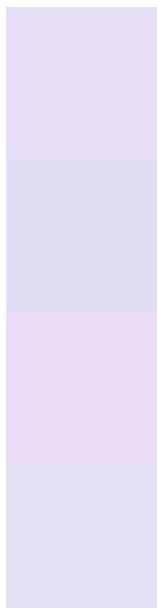
77.2260, 75.4940, 97.6903



Tritanopia

74.1108, 75.5606, 93.1167

Trichromacy



Original Color

74.9158, 75.4931, 97.0093

Protanomaly

74.0736, 75.4367, 97.8454

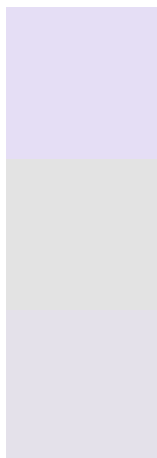
Deuteranomaly

76.4887, 75.5024, 97.7308

Tritanomaly

74.4096, 75.6801, 94.6903

Monochromacy



Original Color

74.9158, 75.4931, 97.0093

Achromatopsia

73.0128, 76.8151, 83.6517

Achromatomaly

73.7714, 76.2849, 88.6782

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.9158, 75.4931, 97.0093 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(229, 222, 245)` looks like.

```
.text, #text, p{  
    color:rgb(229, 222, 245)  
}
```

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(229, 222, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 222, 245) }
```

Border

The CSS property to change the border of an element to XYZ 74.9158, 75.4931, 97.0093 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(229, 222, 245) }
```


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

```
.border{ border-color:rgb(229, 222, 245) }
```

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

Here you see how a box with a 4 pixel rgb(229, 222, 245) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 222, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 222, 245);  
box-shadow:4px 4px 4px 4px rgb(229, 222,  
245) }
```

Background

The CSS property to change the background color of an element to XYZ 74.9158, 75.4931, 97.0093 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 222, 245) }
```

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

```
.background{ background-color: rgb(229,  
222, 245) }
```

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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