

Converting Colors

XYZ(74.8149, 76.0793, 89.9368)

Have a look what the booklet for
XYZ(74.8149, 76.0793, 89.9368)
contains.

XYZ(74.8067, 75.9873, 90.0812)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(74.8067, 75.9873,
90.0812)**

Conversions

Conversions Part 1

Format	Color
Hex	E8DFEC
RGB	232, 223, 236
RGB Percent	91%, 87%, 93%
CMY	0.0902, 0.1255, 0.0745
CMYK	0.02, 0.06, 0.00, 0.07
HSL	282°, 25%, 90%
HSV	282°, 6%, 93%
XYZ	74.8067, 75.9873, 90.0812
YIQ	227.1730, 1.1910, 5.9510

Conversions

Conversions Part 2

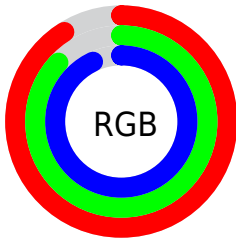
Format	Color
R_{YB}	232, 223, 236
Decimal	15261676
CIE Lab	89.85, 5.38, -5.25
CIE LCh	90, 7.512, 315.692
Yxy	75.9873, 0.3106, 0.3155
Android (android.graphics.Color)	4293451756 (0xFFE8DFEC)
YUV	227.1730, 4.3517, 4.2333
Hunter-Lab	87.1707, 0.6335, -0.2501

Details

The XYZ color **74.8067, 75.9873, 90.0812** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **74.9962, 81.6516, 81.6235**, and the grayscale version is **73.1101, 76.9175, 83.7632**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.1453, 40.5307, 48.8873** is the 20% darker color. If you saturate the color by 10%, you get **66.6270, 63.0553, 88.0173**, and if you desaturate by 10%, it is **83.9671, 90.7337, 92.4459**.

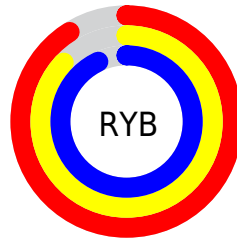
Distribution



Red (91%)

Green (87%)

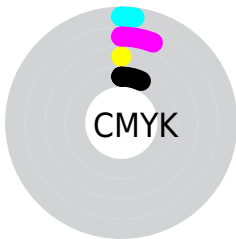
Blue (93%)



Red (91%)

Yellow (87%)

Blue (93%)

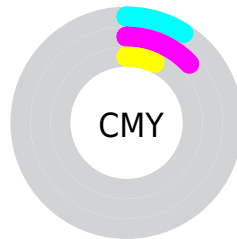


Cyan (2%)

Magenta (6%)

Yellow (0%)

Black (7%)



Cyan (9%)

Magenta (13%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.8067, 75.9873, 90.0812 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 74.8067, 75.9873, 90.0812 by changing the saturation by 10% instead.

74.8067, 75.9873,
90.0812

74.8067, 75.9873,
90.0812

466.2603,
481.3042, 548.8719

55.7482, 56.4221,
67.4739

125.0281,
127.7090, 149.3877

40.2373, 40.5414,
49.0058

156.9216,
160.6342, 186.9239

27.9086, 27.9610,
34.2585

193.8242,
198.7816, 230.2736

18.3969, 18.2962,
22.8133

236.1012,
242.5355, 279.8552

11.3367, 11.1629,
14.2517

284.1180,
292.2803, 336.0873

6.3627, 6.1765,
8.1552

338.2398,

3.1096, 2.9527,

348.4004, 399.3884

4.1052

398.8322,
411.2803, 470.1771

■ 1.2120, 1.1071,
1.6832

■ 0.1158, 0.0000,
0.3492

■ 74.8067, 75.9873,
90.0812

■ 74.8067, 75.9873,
90.0812

■ 66.6270, 63.0553,
88.0173

■ 83.9671, 90.7337,
92.4459

■ 59.3840, 51.8550,
86.2372

■ 89.0925, 97.2649,
93.4364

■ 53.0403, 42.3118,
84.7295

■ 91.6979, 98.6080,
93.5583

■ 47.5528, 34.3418,
83.4804

■ 92.1405, 98.8362,
93.5790

■ 42.8750, 27.8535,
82.4746

■ 38.9554, 22.7460,
81.6953

■ 35.7361, 18.9051,
81.1236

■ 33.1497, 16.1981,
80.7374

■ 31.1134, 14.4615,
80.5096

Harmonies

Analogous

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



73.1928, 75.9873, 92.9684



74.8067, 75.9873, 90.0812



75.7359, 75.9873, 85.2881

Triad

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



74.8067, 75.9873, 90.0812



73.1089, 75.9873, 73.2268



68.8433, 75.9873, 85.5314

Complementary

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



74.8067, 75.9873, 90.0812



74.9962, 81.6516, 81.6235

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.



68.8217, 75.9873, 80.2378



74.8067, 75.9873, 90.0812



71.2631, 75.9873, 73.2857

Square

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



74.8067, 75.9873, 90.0812



74.7444, 75.9873, 75.6393



69.7008, 75.9873, 75.8037



69.7602, 75.9873, 90.2659

Rectangle

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



74.8067, 75.9873, 90.0812



75.8320, 75.9873, 81.7281



69.7008, 75.9873, 75.8037



68.7316, 75.9873, 83.7547

Sweetspot

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



74.8089, 75.9906, 90.0829



92.8694, 96.4926, 108.3379



73.0758, 76.7494, 90.3207



19.9008, 20.6901, 23.1947



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.



74.8089, 75.9906, 90.0829



87.6252, 88.1081, 106.9960



75.7783, 76.5300, 88.3330



15.5754, 15.6039, 19.1132



16.8506, 7.7227, 44.3455



1.4207, 0.6567, 3.4868

Inverse Universe

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



74.8476, 76.1578, 83.4321



87.6916, 88.3648, 96.9467



74.0726, 81.1381, 83.2692



15.5887, 15.6535, 17.1823



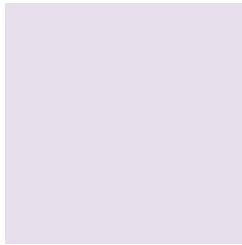
19.7749, 10.1126, 4.6159



1.5944, 0.8107, 0.5818

Previews

White Background



This preview shows how the XYZ color 74.8067, 75.9873, 90.0812 looks on a white background.

Color Contrast Check

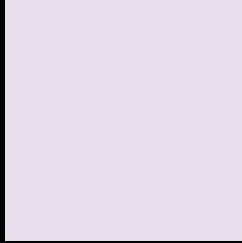
Large Text (above 18pt) WCAG AA × Fail

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 74.8067, 75.9873, 90.0812 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

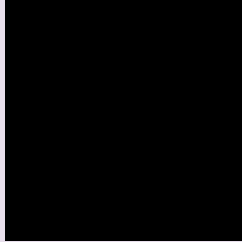
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

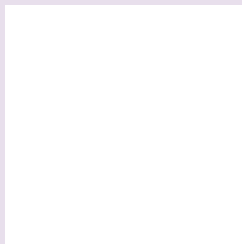
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 74.8067, 75.9873, 90.0812

Background



This preview shows how black text looks on a background with the XYZ color 74.8067, 75.9873, 90.0812.

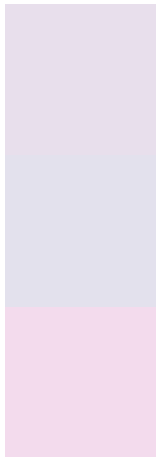


This preview shows how white text looks on a background with the XYZ color 74.8067, 75.9873,

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

74.8067, 75.9873, 90.0812

Protanopia

73.8898, 76.2957, 90.9529

Deuteranopia

77.5797, 75.8321, 90.6689



Tritanopia

75.4537, 75.8575, 93.1032

Trichromacy



Original Color

74.8067, 75.9873, 90.0812

Protanomaly

74.2548, 76.0837, 90.8927

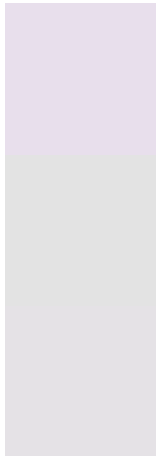
Deuteranomaly

76.4759, 75.6515, 90.6923

Tritanomaly

75.3055, 75.7982, 92.3228

Monochromacy



Original Color

74.8067, 75.9873, 90.0812

Achromatopsia

73.0128, 76.8151, 83.6517

Achromatomaly

73.7924, 76.7639, 85.7905

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.8067, 75.9873, 90.0812 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(232, 223, 236) looks like.

```
.text, #text, p{  
    color:rgb(232, 223, 236)  
}
```

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(232, 223, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 223, 236) }
```

Border

The CSS property to change the border of an element to XYZ 74.8067, 75.9873, 90.0812 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(232, 223, 236) }
```


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

```
.border{ border-color:rgb(232, 223, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 223, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 223, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 223, 236);  
box-shadow:4px 4px 4px 4px rgb(232, 223,  
236) }
```

Background

The CSS property to change the background color of an element to XYZ 74.8067, 75.9873, 90.0812 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 223, 236) }
```

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

```
.background{ background-color: rgb(232,  
223, 236) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor