

Converting Colors

XYZ(74.9395, 76.0725, 83.7970)

Have a look what the booklet for
XYZ(74.9395, 76.0725, 83.7970)
contains.

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Color

**XYZ(74.9833, 76.2097,
84.1567)**

Conversions

Conversions Part 1

Format	Color
Hex	ECDFE4
RGB	236, 223, 228
RGB Percent	93%, 87%, 89%
CMY	0.0745, 0.1255, 0.1059
CMYK	0.00, 0.06, 0.03, 0.07
HSL	337°, 25%, 90%
HSV	337°, 6%, 93%
XYZ	74.9833, 76.2097, 84.1567
YIQ	227.4570, 6.1430, 4.3110

Conversions

Conversions Part 2

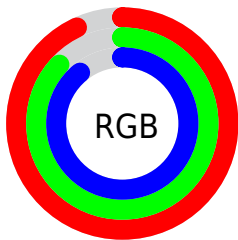
Format	Color
R_{YB}	236, 223, 228
Decimal	15523812
CIE Lab	89.96, 5.29, -0.86
CIE LCh	90, 5.363, 350.774
Yxy	76.2097, 0.3186, 0.3238
Android (android.graphics.Color)	4293713892 (0xFFE4DFE4)
YUV	227.4570, 0.2677, 7.4922
Hunter-Lab	87.2982, 0.5478, 3.9523

Details

The XYZ color **74.9833, 76.2097, 84.1567** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **74.8535, 81.4503, 87.3815**, and the grayscale version is **73.3432, 77.1628, 84.0302**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.3678, 40.7257, 45.2684** is the 20% darker color. If you saturate the color by 10%, you get **67.1798, 63.6950, 72.0203**, and if you desaturate by 10%, it is **83.8394, 90.5564, 97.4820**.

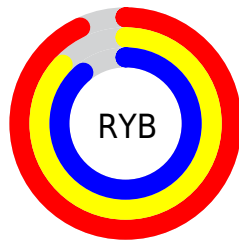
Distribution



Red (93%)

Green (87%)

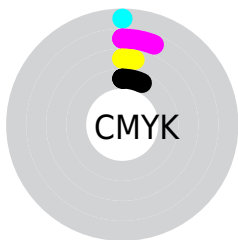
Blue (89%)



Red (93%)

Yellow (87%)

Blue (89%)

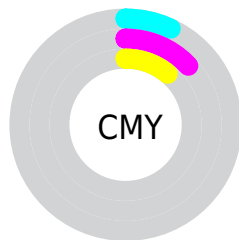


Cyan (0%)

Magenta (6%)

Yellow (3%)

Black (7%)



Cyan (7%)

Magenta (13%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.9833, 76.2097, 84.1567 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 74.9833, 76.2097, 84.1567 by changing the saturation by 10% instead.

74.9833, 76.2097,
84.1567

74.9833, 76.2097,
84.1567

466.8582,
482.0652, 528.9051

55.8933, 56.6045,
62.5987

125.2768,
128.0233, 141.0580

40.3541, 40.6878,
45.0777

157.2110,
161.0004, 177.2384

28.0002, 28.0752,
31.1752

194.1573,
199.2037, 219.1300

18.4662, 18.3824,
20.4727

236.4811,
243.0174, 267.1514

11.3869, 11.2248,
12.5517

284.5477,
292.8261, 321.7210

6.3969, 6.2183,
6.9935

338.7226,

3.1308, 2.9783,

349.0140, 383.2575

3.3796

399.3709,
411.9656, 452.1793

■ 1.2233, 1.1204,
1.2916

■ 0.1247, 0.0000,
0.0549

■ 74.9833, 76.2097,
84.1567

■ 74.9833, 76.2097,
84.1567

■ 67.1798, 63.6950,
72.0203

■ 83.8394, 90.5564,
97.4820

■ 60.3823, 52.9286,
61.0340

■ 88.4024, 96.5731,
108.5889

■ 54.5498, 43.8346,
51.1639

■ 49.6362, 36.3280,
42.3723

■ 45.5916, 30.3161,
34.6195

■ 42.3606, 25.6965,
27.8628

■ 39.8816, 22.3539,
22.0561

■ 38.0828, 20.1538,
17.1484

■ 36.8772, 18.9312,
13.0819

Harmonies

Analogous

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



74.4300, 76.2097, 87.6876



74.9833, 76.2097, 84.1567



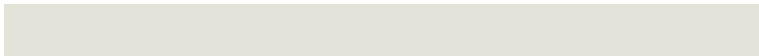
74.8474, 76.2097, 80.4140

Triad

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



74.9833, 76.2097, 84.1567



71.5337, 76.2097, 76.3318



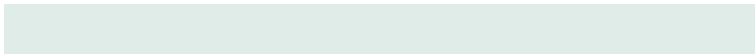
70.8332, 76.2097, 88.7709

Complementary

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



74.9833, 76.2097, 84.1567



74.8535, 81.4503, 87.3815

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.



70.0751, 76.2097, 85.5988



74.9833, 76.2097, 84.1567



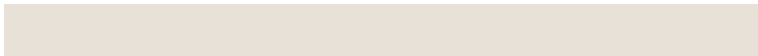
70.4761, 76.2097, 78.4429

Square

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



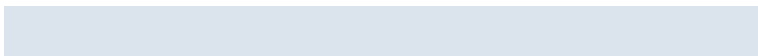
74.9833, 76.2097, 84.1567



72.8450, 76.2097, 75.9724



69.9452, 76.2097, 81.8131



72.0267, 76.2097, 90.4046

Rectangle

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



74.9833, 76.2097, 84.1567



74.3848, 76.2097, 78.2972



69.9452, 76.2097, 81.8131



70.5196, 76.2097, 87.8446

Sweetspot

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



74.9855, 76.2130, 84.1583



92.9431, 96.5885, 105.7245



74.4211, 75.7908, 90.0644



19.9157, 20.7096, 22.6628



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.



74.9855, 76.2130, 84.1583



87.8986, 88.4477, 98.0369



74.6503, 76.6366, 80.6740



15.6284, 15.6694, 17.3913



20.1607, 10.2670, 6.6477



1.6288, 0.8245, 0.7628

Inverse Universe

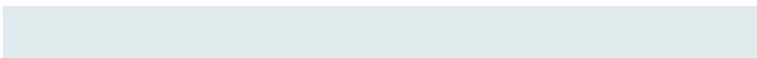
The Inverse Universe completely reimagines the original color for something new.



74.9855, 76.2130, 84.1583



87.8986, 88.4477, 98.0369



75.1966, 80.9910, 91.0273



15.6284, 15.6694, 17.3913



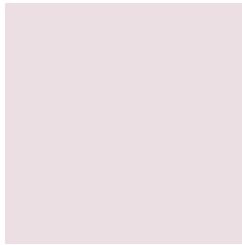
20.1607, 10.2670, 6.6477



1.6288, 0.8245, 0.7628

Previews

White Background



This preview shows how the XYZ color 74.9833, 76.2097, 84.1567 looks on a white background.

Color Contrast Check

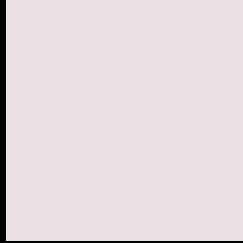
Large Text (above 18pt) WCAG AA × Fail

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 74.9833, 76.2097, 84.1567 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

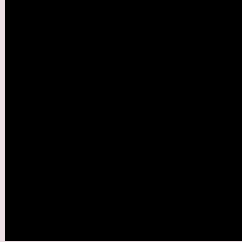
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

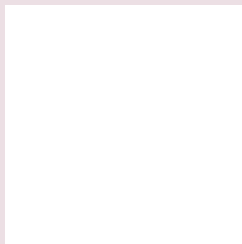
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 74.9833, 76.2097, 84.1567

Background



This preview shows how black text looks on a background with the XYZ color 74.9833, 76.2097, 84.1567.

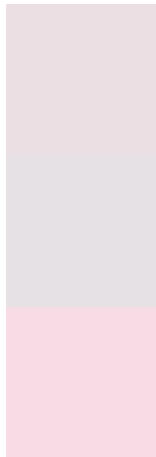


This preview shows how white text looks on a background with the XYZ color 74.9833, 76.2097,

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

74.9833, 76.2097, 84.1567

Protanopia

73.3812, 76.1656, 84.9626

Deuteranopia

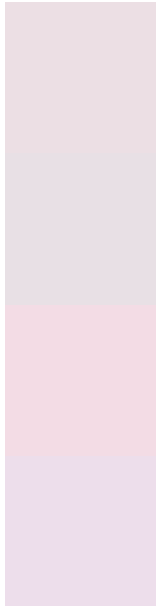
77.8321, 76.0943, 84.7142



Tritanopia

76.6963, 76.1220, 92.3120

Trichromacy



Original Color

74.9833, 76.2097, 84.1567

Protanomaly

74.0772, 76.1243, 84.9179

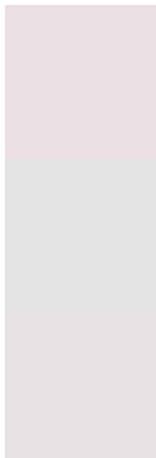
Deuteranomaly

76.6982, 75.8982, 84.7361

Tritanomaly

76.0417, 76.2452, 89.3062

Monochromacy



Original Color

74.9833, 76.2097, 84.1567

Achromatopsia

73.0128, 76.8151, 83.6517

Achromatomaly

73.6946, 76.7618, 83.6054

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.9833, 76.2097, 84.1567 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(236, 223, 228) looks like.

```
.text, #text, p{  
    color:rgb(236, 223, 228)  
}
```

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(236, 223, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 223, 228) }
```

Border

The CSS property to change the border of an element to XYZ 74.9833, 76.2097, 84.1567 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(236, 223, 228) }
```


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

```
.border{ border-color:rgb(236, 223, 228) }
```

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

Here you see how a box with a 4 pixel rgb(236, 223, 228) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 223, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 223, 228);  
box-shadow:4px 4px 4px 4px rgb(236, 223,  
228) }
```

Background

The CSS property to change the background color of an element to XYZ 74.9833, 76.2097, 84.1567 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 223, 228) }
```

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

```
.background{ background-color: rgb(236,  
223, 228) }
```

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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