

Converting Colors

XYZ(77.0836, 76.8982, 84.1756)

Have a look what the booklet for
XYZ(77.0836, 76.8982, 84.1756)
contains.

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Color

**XYZ(77.0870, 76.8987,
84.1788)**

Conversions

Conversions Part 1

Format	Color
Hex	F3DEE4
RGB	243, 222, 228
RGB Percent	95%, 87%, 89%
CMY	0.0471, 0.1294, 0.1059
CMYK	0.00, 0.09, 0.06, 0.05
HSL	343°, 47%, 91%
HSV	343°, 9%, 95%
XYZ	77.0870, 76.8987, 84.1788
YIQ	228.9630, 10.5900, 6.3180

Conversions

Conversions Part 2

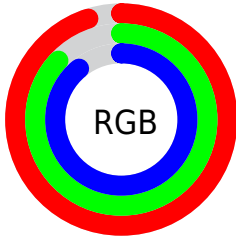
Format	Color
R _Y B	243, 222, 228
Decimal	15982308
CIE Lab	90.27, 8.20, -0.33
CIE LCh	90, 8.209, 357.717
Yxy	76.8987, 0.3237, 0.3229
Android (android.graphics.Color)	4294172388 (0xFF3DEE4)
YUV	228.9630, -0.4748, 12.3104
Hunter-Lab	87.6919, 3.4525, 4.4696

Details

The XYZ color **77.0870, 76.8987, 84.1788** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **77.4638, 85.7471, 92.5930**, and the grayscale version is **74.4488, 78.3259, 85.2969**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.8551, 41.2194, 45.2853** is the 20% darker color. If you saturate the color by 10%, you get **68.8023, 63.9938, 70.1180**, and if you desaturate by 10%, it is **86.5482, 91.7674, 99.8277**.

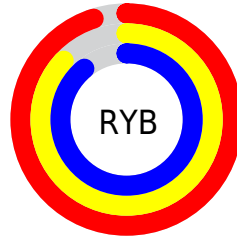
Distribution



Red (95%)

Green (87%)

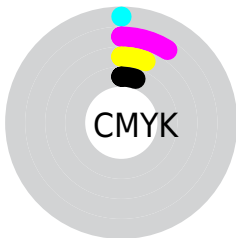
Blue (89%)



Red (95%)

Yellow (87%)

Blue (89%)

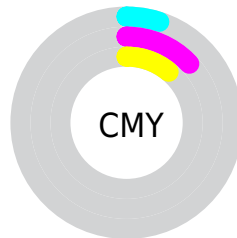


Cyan (0%)

Magenta (9%)

Yellow (6%)

Black (5%)



Cyan (5%)

Magenta (13%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 77.0870, 76.8987, 84.1788 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 77.0870, 76.8987, 84.1788 by changing the saturation by 10% instead.

77.0870, 76.8987,
84.1788

77.0870, 76.8987,
84.1788

473.9480,
484.4186, 528.9804

57.6245, 57.1697,
62.6168

128.2345,
128.9965, 141.0892

41.7489, 41.1415,
45.0923

160.6501,
162.1341, 177.2747

29.0950, 28.4297,
31.1866

198.1142,
200.5100, 219.1719

19.2973, 18.6498,
20.4814

240.9920,
244.5087, 267.1991

11.9906, 11.4175,
12.5579

289.6489,
294.5145, 321.7751

6.8094, 6.3484,
6.9977

344.4503,

3.3885, 3.0581,

350.9118, 383.3182

3.3822

405.7616,
414.0850, 452.2471

■ 1.3624, 1.1621,
1.2930

■ 0.2292, 0.0304,
0.0560

■ 77.0870, 76.8987,
84.1788

■ 77.0870, 76.8987,
84.1788

■ 68.8023, 63.9938,
70.1180

■ 86.5482, 91.7674,
99.8277

■ 61.6410, 52.9606,
57.5897

■ 90.7725, 97.7949,
108.6998

■ 55.5552, 43.7146,
46.5423

■ 50.4913, 36.1608,
36.9191

■ 46.3908, 30.1955,
28.6600

■ 43.1890, 25.7032,
21.6999

■ 40.8127, 22.5530,
15.9682

■ 39.1766, 20.5900,
11.3863

■ 38.1602, 19.5913,
7.8594

Harmonies

Analogous

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



76.4625, 76.8987, 89.8853



77.0870, 76.8987, 84.1788



76.6240, 76.8987, 78.6038

Triad

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



77.0870, 76.8987, 84.1788



71.2775, 76.8987, 74.1570



71.0112, 76.8987, 93.6086

Complementary

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



77.0870, 76.8987, 84.1788



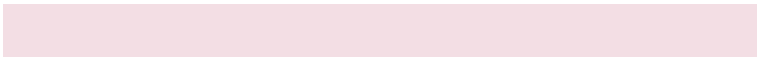
77.4638, 85.7471, 92.5930

Split Complementary

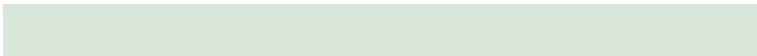
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



69.6662, 76.8987, 89.0735



77.0870, 76.8987, 84.1788



69.8179, 76.8987, 77.8616

Square

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



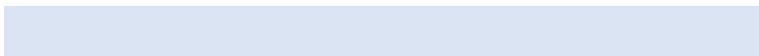
77.0870, 76.8987, 84.1788



73.2466, 76.8987, 72.9807



69.2334, 76.8987, 83.2820



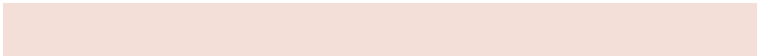
72.9335, 76.8987, 95.4853

Rectangle

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



77.0870, 76.8987, 84.1788



75.7657, 76.8987, 75.6767



69.2334, 76.8987, 83.2820



70.4779, 76.8987, 92.3344

Sweetspot

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



77.0892, 76.9021, 84.1805



91.7903, 94.8688, 103.5340



77.1265, 76.6702, 95.5287



19.4648, 20.0196, 21.8595



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

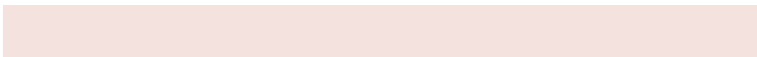
The Same Dimension uses a secret algorithm to generate beautiful new colors.



77.0892, 76.9021, 84.1805



84.6521, 83.6774, 91.6437



77.4003, 78.8333, 80.2483



16.6937, 16.5603, 18.1336



20.9324, 10.7164, 4.3526



1.8822, 0.9588, 0.6059

Inverse Universe

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



77.0892, 76.9021, 84.1805



84.6521, 83.6774, 91.6437



77.1124, 83.6188, 96.8707



16.6937, 16.5603, 18.1336



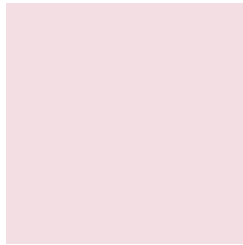
20.9324, 10.7164, 4.3526



1.8822, 0.9588, 0.6059

Previews

White Background



This preview shows how the XYZ color 77.0870, 76.8987, 84.1788 looks on a white background.

Color Contrast Check

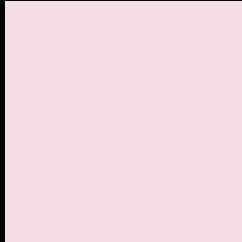
Large Text (above 18pt) WCAG AA × Fail

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 77.0870, 76.8987, 84.1788 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

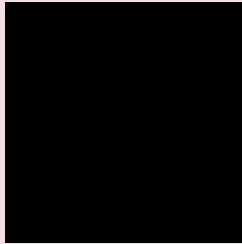
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 77.0870, 76.8987, 84.1788

Background



This preview shows how black text looks on a background with the XYZ color 77.0870, 76.8987, 84.1788.



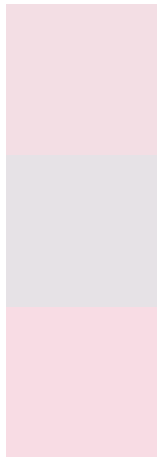
This preview shows how white text looks on a background with the XYZ color 77.0870, 76.8987,

84.1788.

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

77.0870, 76.8987, 84.1788

Protanopia

74.1124, 76.9289, 85.8055

Deuteranopia

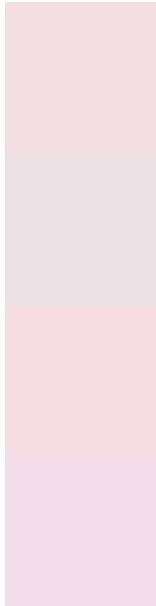
78.3082, 76.7443, 84.0846



Tritanopia

78.3340, 76.5925, 91.5441

Trichromacy



Original Color

77.0870, 76.8987, 84.1788

Protanomaly

75.3290, 77.1697, 85.0537

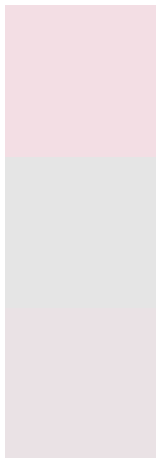
Deuteranomaly

77.8661, 76.9072, 84.1394

Tritanomaly

78.0160, 76.8865, 88.5706

Monochromacy



Original Color

77.0870, 76.8987, 84.1788

Achromatopsia

74.4753, 78.3538, 85.3273

Achromatomaly

75.2709, 77.5423, 85.1287

CSS Examples

Text

The CSS property to change the color of the text to XYZ 77.0870, 76.8987, 84.1788 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(243, 222, 228) looks like.

```
.text, #text, p{  
    color:rgb(243, 222, 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(243, 222, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 222, 228) }
```

Border

The CSS property to change the border of an element to XYZ 77.0870, 76.8987, 84.1788 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(243, 222, 228) }
```


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

```
.border{ border-color:rgb(243, 222, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 222, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 222, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 222, 228);  
box-shadow:4px 4px 4px 4px rgb(243, 222,  
228) }
```

Background

The CSS property to change the background color of an element to XYZ 77.0870, 76.8987, 84.1788 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 222, 228) }
```

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

```
.background{ background-color: rgb(243,  
222, 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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