

Converting Colors

XYZ(77.0872, 70.8706, 83.7452)

Have a look what the booklet for
XYZ(77.0872, 70.8706, 83.7452)
contains.

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Color

**XYZ(77.0872, 70.8706,
83.7452)**

Conversions

Conversions Part 1

Format	Color
Hex	FECEE5
RGB	254, 206, 229
RGB Percent	100%, 81%, 90%
CMY	0.0039, 0.1921, 0.1020
CMYK	0.00, 0.19, 0.10, 0.00
HSL	331°, 96%, 90%
HSV	331°, 19%, 100%
XYZ	77.0872, 70.8706, 83.7452
YIQ	222.9740, 21.2250, 17.3290

Conversions

Conversions Part 2

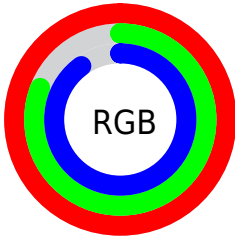
Format	Color
RYB	254, 206, 229
Decimal	16699109
CIELab	87.42, 20.50, -4.93
CIELCh	87, 21.084, 346.478
Yxy	70.8706, 0.3327, 0.3059
Android (android.graphics.Color)	4294889189 (0xFFFECEE5)
YUV	222.9740, 2.9708, 27.2098
Hunter-Lab	84.1847, 16.1278, -0.0512

Details

The XYZ color **77.0872, 70.8706, 83.7452** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **75.3220, 89.7768, 88.9643**, and the grayscale version is **70.0915, 73.7417, 80.3048**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.8942, 37.3828, 45.0519** is the 20% darker color. If you saturate the color by 10%, you get **69.6824, 58.9048, 72.5077**, and if you desaturate by 10%, it is **85.6250, 84.8752, 96.0567**.

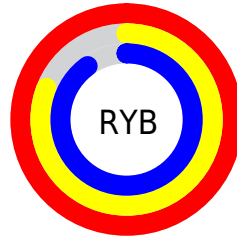
Distribution



Red (100%)

Green (81%)

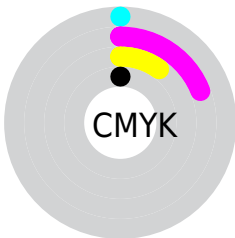
Blue (90%)



Red (100%)

Yellow (81%)

Blue (90%)

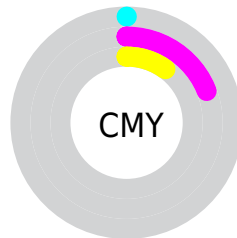


Cyan (0%)

Magenta (19%)

Yellow (10%)

Black (0%)



Cyan (0%)


Magenta (19%)


Yellow (10%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 77.0872, 70.8706, 83.7452 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 77.0872, 70.8706, 83.7452 by changing the saturation by 10% instead.


 77.0872, 70.8706,
83.7452

 77.0872, 70.8706,
83.7452


473.9487,
463.6010, 527.5026

 57.6246, 52.2366,
62.2609


128.2348,
120.4495, 140.4772

 41.7490, 37.1937,
44.8064


160.6504,
152.1631, 176.5621

 29.0951, 25.3575,
30.9631


198.1145,
189.0054, 218.3509

 19.2974, 16.3436,
20.3125

240.9924,
231.3608, 266.2621

 11.9906, 9.7676,
12.4361

289.6494,
279.6137, 320.7144

 6.8095, 5.2452,
6.9153

344.4509,

 3.3885, 2.3918,

334.1484, 382.1262

3.3315

405.7622,
395.3493, 450.9161

■ 1.3624, 0.8217,
1.2663

■ 0.2292, 0.0000,
0.0339

■ 77.0872, 70.8706,
83.7452

■ 77.0872, 70.8706,
83.7452

■ 69.6824, 58.9048,
72.5077

■ 85.6250, 84.8752,
96.0567

■ 63.3539, 48.8722,
62.3074

94.6834, 99.8110,
108.8828

■ 58.0493, 40.6723,
53.1118

■ 53.7090, 34.1913,
44.8844

■ 50.2672, 29.3027,
37.5862

■ 47.6487, 25.8625,
31.1741

■ 45.7652, 23.6999,
25.6000

■ 44.4889, 22.5659,
20.8016

■ 44.3675, 22.4687,
20.3125

Harmonies

Analogous

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



74.5312, 70.8706, 97.5928



77.0872, 70.8706, 83.7452



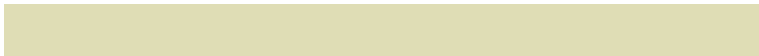
76.9477, 70.8706, 69.6595

Triad

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



77.0872, 70.8706, 83.7452



64.6856, 70.8706, 53.7809



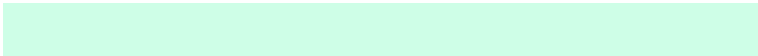
60.9905, 70.8706, 98.7648

Complementary

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



77.0872, 70.8706, 83.7452



75.3220, 89.7768, 88.9643

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.



58.6044, 70.8706, 85.1934



77.0872, 70.8706, 83.7452



60.6649, 70.8706, 59.8091

Square

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



77.0872, 70.8706, 83.7452



69.6201, 70.8706, 53.4943



58.4882, 70.8706, 70.9408



65.1501, 70.8706, 106.9572

Rectangle

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



77.0872, 70.8706, 83.7452



75.3418, 70.8706, 62.0097



58.4882, 70.8706, 70.9408



59.9636, 70.8706, 94.6103

Sweetspot

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



77.0892, 70.8738, 83.7467



89.1051, 90.1210, 100.7191



72.8539, 68.2576, 103.1020



18.9392, 19.0696, 21.3727



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, 70.8738, 83.7467



74.5747, 66.3042, 79.7091



74.2806, 70.0592, 68.0041



18.3719, 18.1321, 20.5753



23.4645, 11.8751, 11.0964



2.3395, 1.1782, 1.3691

Inverse Universe

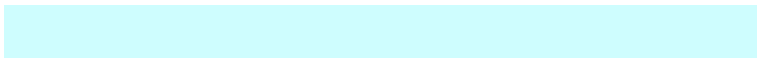
The Inverse Universe completely reimagines the original color for something new.



77.0892, 70.8738, 83.7467



74.5747, 66.3042, 79.7091



78.5336, 90.6561, 107.1260



18.3719, 18.1321, 20.5753



23.4645, 11.8751, 11.0964



2.3395, 1.1782, 1.3691

Previews

White Background



This preview shows how the XYZ color 77.0872, 70.8706, 83.7452 looks on a white background.

Color Contrast Check

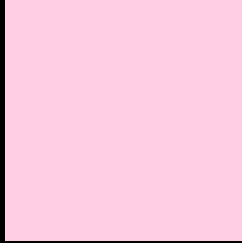
Large Text (above 18pt) WCAG AA × Fail

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 77.0872, 70.8706, 83.7452 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 77.0872, 70.8706, 83.7452

Background



This preview shows how black text looks on a background with the XYZ color 77.0872, 70.8706, 83.7452.



This preview shows how white text looks on a background with the XYZ color 77.0872, 70.8706,

83.7452.

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

77.0872, 70.8706, 83.7452

Protanopia

69.1252, 71.1044, 89.4381

Deuteranopia

72.7229, 71.1945, 83.3078



Tritanopia

76.1401, 70.8360, 79.4717

Trichromacy



Original Color

77.0872, 70.8706, 83.7452

Protanomaly

71.7095, 70.9653, 87.0090

Deuteranomaly

74.0123, 70.7493, 83.1539

Tritanomaly

76.4114, 70.9445, 80.9005

Monochromacy



Original Color

77.0872, 70.8706, 83.7452

Achromatopsia

70.1384, 73.7910, 80.3584

Achromatomaly

72.3351, 72.5544, 81.4261

CSS Examples

Text

The CSS property to change the color of the text to XYZ 77.0872, 70.8706, 83.7452 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(254, 206, 229)` looks like.

```
.text, #text, p{  
    color:rgb(254, 206, 229)  
}
```

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(254, 206, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 206, 229) }
```

Border

The CSS property to change the border of an element to XYZ 77.0872, 70.8706, 83.7452 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(254, 206, 229) }
```


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

```
.border{ border-color:rgb(254, 206, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 206, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 206, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 206, 229);  
box-shadow:4px 4px 4px 4px rgb(254, 206,  
229) }
```

Background

The CSS property to change the background color of an element to XYZ 77.0872, 70.8706, 83.7452 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 206, 229) }
```

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

```
.background{ background-color: rgb(254,  
206, 229) }
```

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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