

Converting Colors

XYZ(75.9730, 72.7751, 77.8518)

Have a look what the booklet for
XYZ(75.9730, 72.7751, 77.8518)
contains.

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Color

**XYZ(75.8861, 72.5783,
77.7195)**

Conversions

Conversions Part 1

Format	Color
Hex	FAD4DC
RGB	250, 212, 220
RGB Percent	98%, 83%, 86%
CMY	0.0196, 0.1686, 0.1372
CMYK	0.00, 0.15, 0.12, 0.02
HSL	347°, 79%, 91%
HSV	347°, 15%, 98%
XYZ	75.8861, 72.5783, 77.7195
YIQ	224.2740, 20.0800, 10.5440

Conversions

Conversions Part 2

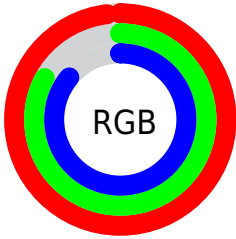
Format	Color
R _Y B	250, 212, 220
Decimal	16438492
CIE Lab	88.25, 14.51, 1.00
CIE LCh	88, 14.547, 3.924
Yxy	72.5783, 0.3355, 0.3209
Android (android.graphics.Color)	4294628572 (0xFFFA4DC)
YUV	224.2740, -2.1071, 22.5617
Hunter-Lab	85.1929, 9.9124, 5.5461

Details

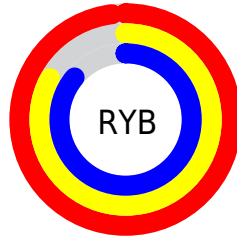
The XYZ color **75.8861, 72.5783, 77.7195** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **77.3669, 88.7809, 97.0676**, and the grayscale version is **71.0537, 74.7541, 81.4072**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **40.8408, 38.1680, 40.8119** is the 20% darker color. If you saturate the color by 10%, you get **67.6523, 60.0497, 62.8295**, and if you desaturate by 10%, it is **85.4003, 87.1720, 94.5610**.

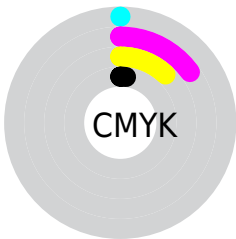
Distribution



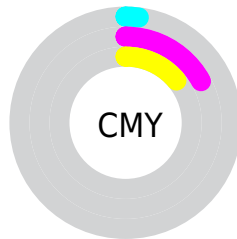
- Red (98%)
- Green (83%)
- Blue (86%)



- Red (98%)
- Yellow (83%)
- Blue (86%)



- Cyan (0%)
- Magenta (15%)
- Yellow (12%)
- Black (2%)





- Cyan (2%)
- Magenta (17%)
- Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 75.8861, 72.5783, 77.7195 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 75.8861, 72.5783, 77.7195 by changing the saturation by 10% instead.


 75.8861, 72.5783,
77.7195

 75.8861, 72.5783,
77.7195


469.9081,
469.5520, 506.7164

 56.6358, 53.6312,
57.3285

126.5471,
122.8784, 131.9369

 40.9519, 38.3069,
40.8579


158.6886,
155.0001, 166.6004

 28.4690, 26.2210,
27.8892


195.8578,
192.2823, 206.8585

 18.8218, 16.9890,
18.0039

238.4202,
235.1091, 253.1296

 11.6448, 10.2267,
10.7833

286.7410,
283.8651, 305.8325

 6.5728, 5.5495,
5.8090

341.1857,

 3.2403, 2.5731,

338.9347, 365.3855

2.6624

402.1196,
400.7022, 432.2073

■ 1.2821, 0.9132,
0.9244

■ 0.1698, 0.0000,
0.0000

■ 75.8861, 72.5783,
77.7195

■ 75.8861, 72.5783,
77.7195

■ 67.6523, 60.0497,
62.8295

■ 85.4003, 87.1720,
94.5610

■ 60.6377, 49.4835,
49.8152

■ 93.2347, 99.0642,
108.8150

■ 54.7851, 40.7827,
38.6026

■ 50.0305, 33.8382,
29.1112

■ 46.3033, 28.5294,
21.2537

■ 43.5244, 24.7207,
14.9354

■ 41.6028, 22.2542,
10.0509

■ 40.4281, 20.9360,
6.4803

■ 40.0583, 20.5776,
5.1817

Harmonies

Analogous

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



75.1783, 72.5783, 87.7636



75.8861, 72.5783, 77.7195



74.6938, 72.5783, 68.7929

Triad

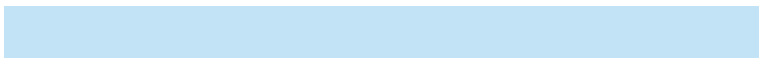
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



75.8861, 72.5783, 77.7195



65.3114, 72.5783, 64.1486



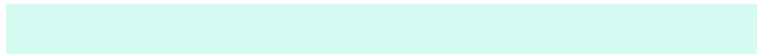
66.0801, 72.5783, 97.5442

Complementary

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



75.8861, 72.5783, 77.7195



77.3669, 88.7809, 97.0676

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.



63.5719, 72.5783, 90.2255



75.8861, 72.5783, 77.7195



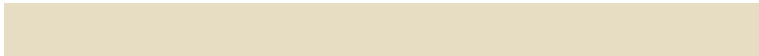
63.1387, 72.5783, 70.8874

Square

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



75.8861, 72.5783, 77.7195



68.5260, 72.5783, 61.3861



62.5127, 72.5783, 80.3459



69.4430, 72.5783, 99.7564

Rectangle

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



75.8861, 72.5783, 77.7195



73.0046, 72.5783, 64.5089



62.5127, 72.5783, 80.3459



65.1129, 72.5783, 95.5710

Sweetspot

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



75.8881, 72.5815, 77.7210



89.5378, 91.5017, 99.2750



77.3391, 72.8285, 100.4244



19.0050, 19.3392, 20.9685



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

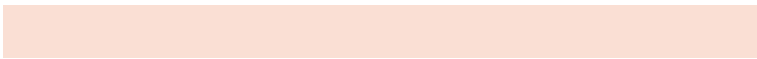
The Same Dimension uses a secret algorithm to generate beautiful new colors.



75.8881, 72.5815, 77.7210



76.8195, 72.0118, 76.7024



77.6357, 77.7311, 73.2031



17.3940, 17.2850, 18.6647



21.2900, 10.9317, 2.9695



2.0087, 1.0272, 0.4691

Inverse Universe

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



75.8881, 72.5815, 77.7210



76.8195, 72.0118, 76.7024



75.3442, 82.7713, 102.4487



17.3940, 17.2850, 18.6647



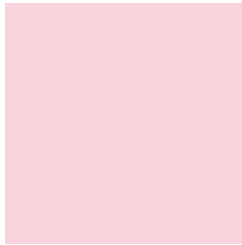
21.2900, 10.9317, 2.9695



2.0087, 1.0272, 0.4691

Previews

White Background



This preview shows how the XYZ color 75.8861, 72.5783, 77.7195 looks on a white background.

Color Contrast Check

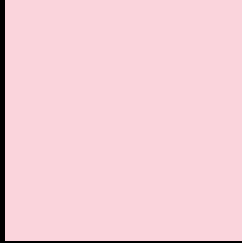
Large Text (above 18pt) WCAG AA × Fail

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 75.8861, 72.5783, 77.7195 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 75.8861, 72.5783, 77.7195

Background



This preview shows how black text looks on a background with the XYZ color 75.8861, 72.5783, 77.7195.



This preview shows how white text looks on a background with the XYZ color 75.8861, 72.5783,

77.7195.

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

75.8861, 72.5783, 77.7195

Protanopia

69.9243, 72.4699, 81.5369

Deuteranopia

74.2731, 72.4935, 77.7882



Tritanopia

76.9431, 72.6438, 82.6394

Trichromacy



Original Color

75.8861, 72.5783, 77.7195

Protanomaly

71.7364, 72.2771, 79.9820

Deuteranomaly

74.7186, 72.3486, 77.7367

Tritanomaly

76.5325, 72.4796, 80.4773

Monochromacy



Original Color

75.8861, 72.5783, 77.7195

Achromatopsia

70.8507, 74.5404, 81.1745

Achromatomaly

72.5168, 73.8378, 80.2421

CSS Examples

Text

The CSS property to change the color of the text to XYZ 75.8861, 72.5783, 77.7195 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(250, 212, 220) looks like.

```
.text, #text, p{  
    color:rgb(250, 212, 220)  
}
```

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(250, 212, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 212, 220) }
```

Border

The CSS property to change the border of an element to XYZ 75.8861, 72.5783, 77.7195 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(250, 212, 220) }
```


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

```
.border{ border-color:rgb(250, 212, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 212, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 212, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 212, 220);  
box-shadow:4px 4px 4px 4px rgb(250, 212,  
220) }
```

Background

The CSS property to change the background color of an element to XYZ 75.8861, 72.5783, 77.7195 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 212, 220) }
```

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

```
.background{ background-color: rgb(250,  
212, 220) }
```

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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