

Converting Colors

XYZ(77.6372, 73.7515, 78.6095)

Have a look what the booklet for
XYZ(77.6372, 73.7515, 78.6095)
contains.

XYZ(77.7184, 73.8798, 78.5706)	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(77.7184, 73.8798,
78.5706)**

Conversions

Conversions Part 1

Format	Color
Hex	FED5DD
RGB	254, 213, 221
RGB Percent	100%, 84%, 87%
CMY	0.0039, 0.1647, 0.1333
CMYK	0.00, 0.16, 0.13, 0.00
HSL	348°, 95%, 92%
HSV	348°, 16%, 100%
XYZ	77.7184, 73.8798, 78.5706
YIQ	226.1710, 21.8680, 11.1800

Conversions

Conversions Part 2

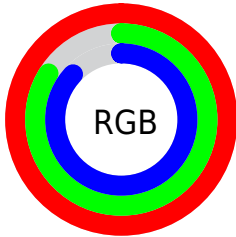
Format	Color
RYB	254, 213, 221
Decimal	16700893
CIELab	88.87, 15.55, 1.41
CIElCh	89, 15.611, 5.195
Yxy	73.8798, 0.3377, 0.3210
Android (android.graphics.Color)	4294890973 (0xFF FED5DD)
YUV	226.1710, -2.5493, 24.4060
Hunter-Lab	85.9534, 10.9800, 5.9699

Details

The XYZ color **77.7184, 73.8798, 78.5706** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **79.5198, 91.6853, 100.6991**, and the grayscale version is **72.4209, 76.1925, 82.9736**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.1358, 39.0772, 41.3983** is the 20% darker color. If you saturate the color by 10%, you get **69.2629, 61.0655, 63.1206**, and if you desaturate by 10%, it is **87.5104, 88.8345, 96.1046**.

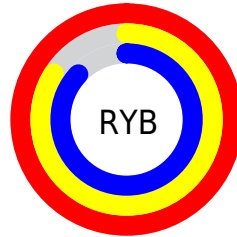
Distribution



Red (100%)

Green (84%)

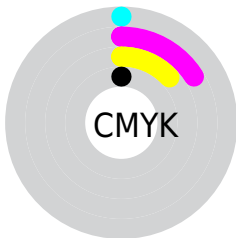
Blue (87%)



Red (100%)

Yellow (84%)

Blue (87%)

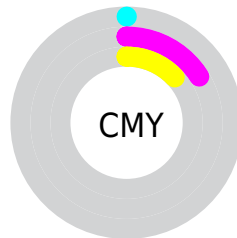


Cyan (0%)

Magenta (16%)

Yellow (13%)

Black (0%)



Cyan (0%)


Magenta (16%)


Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 77.7184, 73.8798, 78.5706 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 77.7184, 73.8798, 78.5706 by changing the saturation by 10% instead.


 77.7184, 73.8798,
78.5706

 77.7184, 73.8798,
78.5706


476.0644,
474.0584, 509.6817

 58.1447, 54.6957,
58.0236


129.1205,
124.7254, 133.1474

 42.1687, 39.1581,
41.4128


161.6797,
157.1557, 168.0142

 29.4251, 26.8828,
28.3196


199.2980,
194.7701, 208.4914

 19.5485, 17.4852,
18.3256

242.3408,
237.9531, 254.9975

 12.1736, 10.5810,
11.0122

291.1735,
287.0890, 307.9510

 6.9351, 5.7859,
5.9607

346.1614,

 3.4675, 2.7153,

342.5623, 367.7705

2.7528

407.6699,
404.7573, 434.8746

■ 1.4055, 0.9850,
0.9699

■ 0.2602, 0.0000,
0.0000

■ 77.7184, 73.8798,
78.5706

■ 77.7184, 73.8798,
78.5706

■ 69.2629, 61.0655,
63.1206

■ 87.5104, 88.8345,
96.1046

■ 62.0793, 50.2840,
49.6721

94.6833, 99.8110,
108.8828

■ 56.1071, 41.4334,
38.1435

■ 51.2782, 34.3990,
28.4461

■ 47.5176, 29.0539,
20.4840

■ 44.7410, 25.2545,
14.1521

■ 42.8512, 22.8335,
9.3335

■ 41.7291, 21.5836,
5.8942

■ 41.4392, 21.2973,
4.8924

Harmonies

Analogous

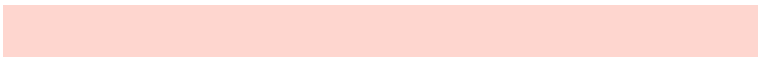
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



77.0342, 73.8798, 89.5048



77.7184, 73.8798, 78.5706



76.3356, 73.8798, 69.0207

Triad

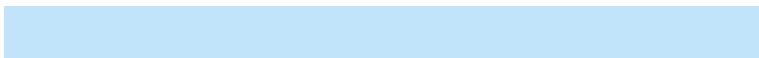
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



77.7184, 73.8798, 78.5706



66.1101, 73.8798, 64.5879



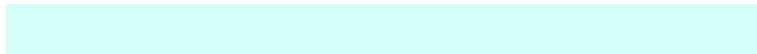
67.2122, 73.8798, 100.8783

Complementary

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



77.7184, 73.8798, 78.5706



79.5198, 91.6853, 100.6991

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.



64.4411, 73.8798, 93.0597



77.7184, 73.8798, 78.5706



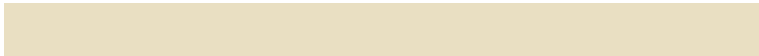
63.8210, 73.8798, 72.0136

Square

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



77.7184, 73.8798, 78.5706



69.5638, 73.8798, 61.4244



63.2211, 73.8798, 82.3440



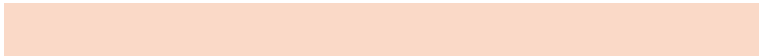
70.8814, 73.8798, 103.0295

Rectangle

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



77.7184, 73.8798, 78.5706



74.4558, 73.8798, 64.5176



63.2211, 73.8798, 82.3440



66.1490, 73.8798, 98.7934

Sweetspot

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



77.7205, 73.8831, 78.5722



89.5078, 91.4897, 99.1173



79.6219, 74.3044, 103.9123



18.9977, 19.3363, 20.9303



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

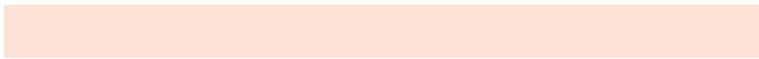
The Same Dimension uses a secret algorithm to generate beautiful new colors.



77.7205, 73.8831, 78.5722



75.8385, 70.6257, 74.6003



79.8920, 79.8906, 74.1646



18.1541, 18.0450, 19.4289



21.8874, 11.2443, 2.7918



2.1672, 1.1092, 0.4618

Inverse Universe

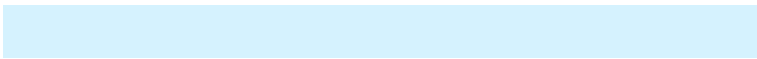
The Inverse Universe completely reimagines the original color for something new.



77.7205, 73.8831, 78.5722



75.8385, 70.6257, 74.6003



76.9955, 84.6301, 106.0437



18.1541, 18.0450, 19.4289



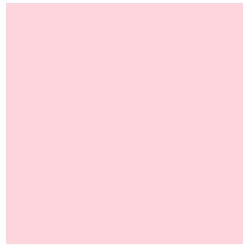
21.8874, 11.2443, 2.7918



2.1672, 1.1092, 0.4618

Previews

White Background



This preview shows how the XYZ color 77.7184, 73.8798, 78.5706 looks on a white background.

Color Contrast Check

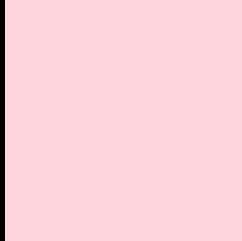
Large Text (above 18pt) WCAG AA × Fail

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 77.7184, 73.8798, 78.5706 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

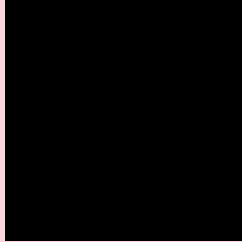
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 77.7184, 73.8798, 78.5706

Background



This preview shows how black text looks on a background with the XYZ color 77.7184, 73.8798, 78.5706.

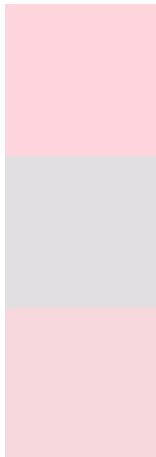


This preview shows how white text looks on a background with the XYZ color 77.7184, 73.8798,

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

77.7184, 73.8798, 78.5706

Protanopia

71.2128, 73.9023, 82.4628

Deuteranopia

75.4802, 73.8719, 77.9906



Tritanopia

78.7871, 73.9484, 83.5197

Trichromacy



Original Color

77.7184, 73.8798, 78.5706

Protanomaly

73.3781, 73.8777, 80.9134

Deuteranomaly

76.2856, 73.9079, 77.9551

Tritanomaly

78.3741, 73.7832, 81.3450

Monochromacy



Original Color

77.7184, 73.8798, 78.5706

Achromatopsia

72.2879, 76.0525, 82.8211

Achromatomaly

73.9031, 74.9276, 81.0884

CSS Examples

Text

The CSS property to change the color of the text to XYZ 77.7184, 73.8798, 78.5706 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, 213, 221) looks like.

```
.text, #text, p{  
    color:rgb(254, 213, 221)  
}
```

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, 213, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 213, 221) }
```

Border

The CSS property to change the border of an element to XYZ 77.7184, 73.8798, 78.5706 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, 213, 221) }
```


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

```
.border{ border-color:rgb(254, 213, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 213, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 213, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 213, 221);  
box-shadow:4px 4px 4px 4px rgb(254, 213,  
221) }
```

Background

The CSS property to change the background color of an element to XYZ 77.7184, 73.8798, 78.5706 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 213, 221) }
```

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

```
.background{ background-color: rgb(254,  
213, 221) }
```

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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