

Converting Colors

XYZ(77.7176, 74.6375, 74.4445)

Have a look what the booklet for XYZ(77.7176, 74.6375, 74.4445) contains.

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Color

**XYZ(77.8062, 74.7672,
74.6207)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD7D7
RGB	255, 215, 215
RGB Percent	100%, 84%, 84%
CMY	0.0000, 0.1568, 0.1569
CMYK	0.00, 0.16, 0.16, 0.00
HSL	0°, 100%, 92%
HSV	0°, 16%, 100%
XYZ	77.8062, 74.7672, 74.6207
YIQ	226.9600, 23.8400, 8.4800

Conversions

Conversions Part 2

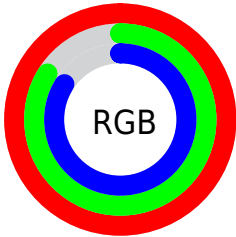
Format	Color
R _Y B	255, 215, 215
Decimal	16766935
CIE Lab	89.28, 13.92, 5.19
CIE LCh	89, 14.857, 20.456
Yxy	74.7672, 0.3425, 0.3291
Android (android.graphics.Color)	4294957015 (0xFFFFD7D7)
YUV	226.9600, -5.8963, 24.5911
Hunter-Lab	86.4680, 9.2999, 9.3612

Details

The XYZ color **77.8062, 74.7672, 74.6207** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **81.8333, 93.1844, 108.2811**, and the grayscale version is **73.0155, 76.8180, 83.6548**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.2047, 39.6854, 38.6933** is the 20% darker color. If you saturate the color by 10%, you get **68.7872, 61.5706, 56.6889**, and if you desaturate by 10%, it is **88.3513, 90.1980, 95.5826**.

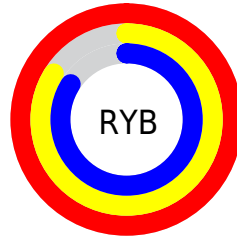
Distribution



Red (100%)

Green (84%)

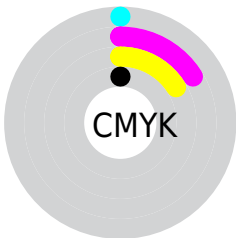
Blue (84%)



Red (100%)

Yellow (84%)

Blue (84%)

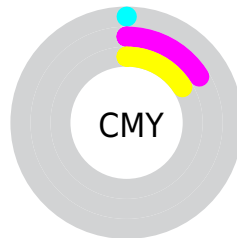


Cyan (0%)

Magenta (16%)

Yellow (16%)

Black (0%)



Cyan (0%)


Magenta (16%)


Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 77.8062, 74.7672, 74.6207 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 77.8062, 74.7672, 74.6207 by changing the saturation by 10% instead.


 77.8062, 74.7672,
74.6207

 77.8062, 74.7672,
74.6207


476.3583,
477.1170, 495.8334

 58.2170, 55.4222,
54.8024


129.2437,
125.9828, 127.5175

 42.2271, 39.7398,
38.8460


161.8227,
158.6221, 161.4329

 29.4710, 27.3358,
26.3330

199.4624,
196.4617, 200.8846

 19.5835, 17.8256,
16.8449

242.5281,
239.8859, 246.2908

 12.1992, 10.8248,
9.9632

291.3852,
289.2792, 298.0703

 6.9526, 5.9492,
5.2693

346.3991,

 3.4786, 2.8142,

345.0258, 356.6416

2.3446

407.9350,
407.5103, 422.4231

■ 1.4116, 1.0355,
0.7561

■ 0.2645, 0.0000,
0.0000

■ 77.8062, 74.7672,
74.6207

■ 77.8062, 74.7672,
74.6207

■ 68.7872, 61.5706,
56.6889

■ 88.3513, 90.1980,
95.5826

■ 61.2186, 50.4956,
41.6428

95.0500, 100.0000,
108.9000

■ 55.0264, 41.4346,
29.3331

■ 50.1278, 34.2665,
19.5953

■ 46.4314, 28.8574,
12.2475

■ 43.8335, 25.0556,
7.0836

■ 42.2131, 22.6843,
3.8631

■ 41.4204, 21.5242,
2.2881

■ 41.2403, 21.2606,
1.9301

Harmonies

Analogous

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



78.1717, 74.7672, 84.7683



77.8062, 74.7672, 74.6207



75.6010, 74.7672, 66.9467

Triad

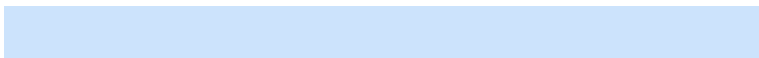
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



77.8062, 74.7672, 74.6207



65.8164, 74.7672, 69.3338



69.9130, 74.7672, 102.7553

Complementary

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



77.8062, 74.7672, 74.6207



81.8333, 93.1844, 108.2811

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.



66.7122, 74.7672, 97.8166



77.8062, 74.7672, 74.6207



64.4007, 74.7672, 78.1392

Square

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



77.8062, 74.7672, 74.6207



68.6525, 74.7672, 64.0795



64.7230, 74.7672, 88.5965



73.5313, 74.7672, 101.6106

Rectangle

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



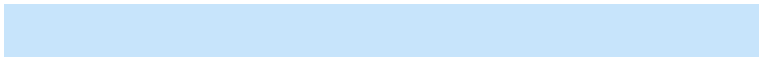
77.8062, 74.7672, 74.6207



73.4246, 74.7672, 63.9868



64.7230, 74.7672, 88.5965



68.7545, 74.7672, 101.7367

Sweetspot

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



77.8080, 74.7704, 74.6223



89.1316, 91.3399, 97.1340



83.5908, 77.0817, 105.0803



18.9067, 19.3000, 20.4504



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

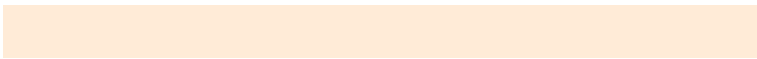
The Same Dimension uses a secret algorithm to generate beautiful new colors.



77.8080, 74.7704, 74.6223



74.6528, 70.1536, 68.3498



83.2145, 85.5835, 76.4244



18.0096, 17.9874, 18.6670



21.5490, 11.1093, 1.0085



2.0982, 1.0818, 0.0982

Inverse Universe

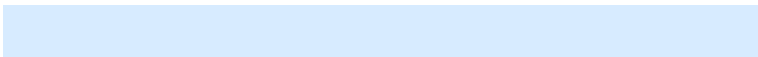
The Inverse Universe completely reimagines the original color for something new.



81.8333, 93.1844, 108.2811



79.4148, 91.9371, 108.1678



75.7834, 81.0844, 106.2644



18.5548, 20.4811, 23.2253



28.1121, 41.1338, 55.8925



2.7372, 4.0052, 5.4421

Previews

White Background



This preview shows how the XYZ color 77.8062, 74.7672, 74.6207 looks on a white background.

Color Contrast Check

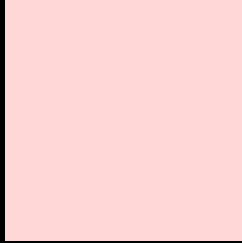
Large Text (above 18pt) WCAG AA × Fail

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 77.8062, 74.7672, 74.6207 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

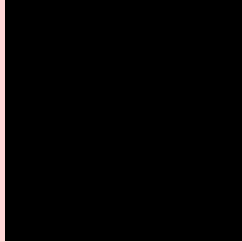
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 77.8062, 74.7672, 74.6207

Background



This preview shows how black text looks on a background with the XYZ color 77.8062, 74.7672, 74.6207.

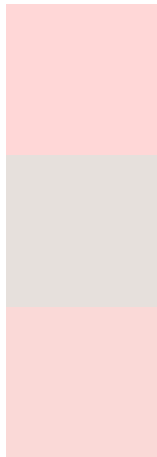


This preview shows how white text looks on a background with the XYZ color 77.8062, 74.7672,

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

77.8062, 74.7672, 74.6207

Protanopia

72.2070, 75.3016, 78.4391

Deuteranopia

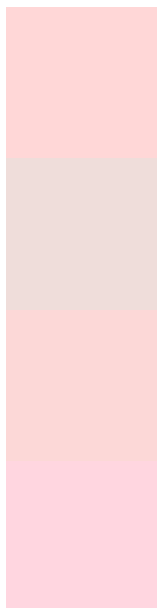
76.5029, 74.8560, 74.7065



Tritanopia

79.4294, 75.0103, 84.4208

Trichromacy



Original Color

77.8062, 74.7672, 74.6207

Protanomaly

74.1079, 75.1256, 76.9244

Deuteranomaly

76.9665, 74.7135, 74.6546

Tritanomaly

78.7411, 74.7350, 80.7962

Monochromacy



Original Color

77.8062, 74.7672, 74.6207

Achromatopsia

73.0128, 76.8151, 83.6517

Achromatomaly

74.6320, 76.1076, 80.5687

CSS Examples

Text

The CSS property to change the color of the text to XYZ 77.8062, 74.7672, 74.6207 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(255, 215, 215)` looks like.

```
.text, #text, p{  
    color:rgb(255, 215, 215)  
}
```

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(255, 215, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 215, 215) }
```

Border

The CSS property to change the border of an element to XYZ 77.8062, 74.7672, 74.6207 is called "border". The border property can be set on classes, ids or directly on the HTML element.

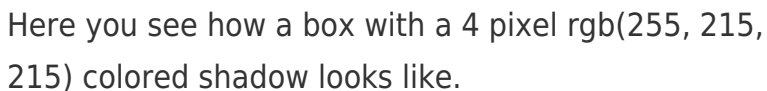
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 215, 215) }
```


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

```
.border{ border-color:rgb(255, 215, 215) }
```

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



Here you see how a box with a 4 pixel `rgb(255, 215, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 215, 215); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 215, 215); box-shadow:4px 4px 4px 4px rgb(255, 215, 215) }
```

Background

The CSS property to change the background color of an element to XYZ 77.8062, 74.7672, 74.6207 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 215, 215) }
```

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

```
.background{ background-color: rgb(255,  
215, 215) }
```

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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