

Converting Colors

XYZ(77.8814, 74.1237, 74.3507)

Have a look what the booklet for
XYZ(77.8814, 74.1237, 74.3507)
contains.

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Color

**XYZ(77.3000, 73.7548,
74.4519)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD5D7
RGB	255, 213, 215
RGB Percent	100%, 84%, 84%
CMY	0.0000, 0.1647, 0.1569
CMYK	0.00, 0.16, 0.16, 0.00
HSL	357°, 100%, 92%
HSV	357°, 16%, 100%
XYZ	77.3000, 73.7548, 74.4519
YIQ	225.7860, 24.3900, 9.5260

Conversions

Conversions Part 2

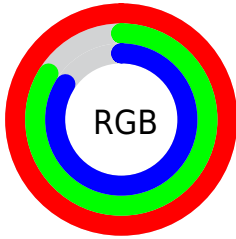
Format	Color
R _Y B	255, 213, 215
Decimal	16766423
CIE Lab	88.81, 14.96, 4.50
CIE LCh	89, 15.624, 16.748
Yxy	73.7548, 0.3428, 0.3271
Android (android.graphics.Color)	4294956503 (0xFFFFD5D7)
YUV	225.7860, -5.3175, 25.6207
Hunter-Lab	85.8806, 10.3744, 8.7166

Details

The XYZ color **77.3000, 73.7548, 74.4519** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **80.9327, 92.7592, 106.5711**, and the grayscale version is **72.1605, 75.9185, 82.6753**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.8607, 38.9976, 38.5787** is the 20% darker color. If you saturate the color by 10%, you get **68.4903, 60.7647, 57.2438**, and if you desaturate by 10%, it is **87.5850, 88.9534, 94.4395**.

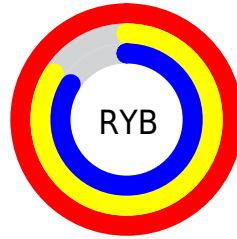
Distribution



Red (100%)

Green (84%)

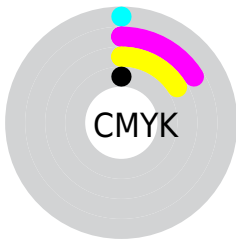
Blue (84%)



Red (100%)

Yellow (84%)

Blue (84%)

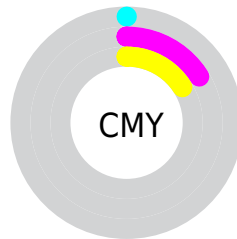


Cyan (0%)

Magenta (16%)

Yellow (16%)

Black (0%)



Cyan (0%)


Magenta (16%)


Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 77.3000, 73.7548, 74.4519 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 77.3000, 73.7548, 74.4519 by changing the saturation by 10% instead.


 77.3000, 73.7548,
74.4519

 77.3000, 73.7548,
74.4519


474.6625,
473.6267, 495.2366

 57.7999, 54.5934,
54.6650


128.5335,
124.5482, 127.2761

 41.8904, 39.0763,
38.7368


160.9976,
156.9489, 161.1505

 29.2063, 26.8191,
26.2487

198.5137,
194.5315, 200.5578

 19.3820, 17.4374,
16.7824

241.4472,
237.6804, 245.9165

 12.0522, 10.5468,
9.9191

290.1635,
286.7800, 297.6453

 6.8517, 5.7630,
5.2405

345.0280,

 3.4150, 2.7015,

342.2146, 356.1625

2.3278

406.4058,
404.3687, 421.8867

■ 1.3769, 0.9780,
0.7468

■ 0.2396, 0.0000,
0.0000

■ 77.3000, 73.7548,
74.4519

■ 77.3000, 73.7548,
74.4519

■ 68.4903, 60.7647,
57.2438

■ 87.5850, 88.9534,
94.4395

■ 61.0834, 49.8716,
42.6877

95.0500, 100.0000,
108.9000

■ 55.0083, 40.9683,
30.6533

■ 50.1861, 33.9346,
20.9972

■ 46.5292, 28.6372,
13.5615

■ 43.9388, 24.9254,
8.1697

■ 42.2999, 22.6225,
4.6180

■ 41.4703, 21.5085,
2.6605

■ 41.3071, 21.2868,
2.2832

Harmonies

Analogous

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



77.4227, 73.7548, 85.1768



77.3000, 73.7548, 74.4519



75.2047, 73.7548, 66.0696

Triad

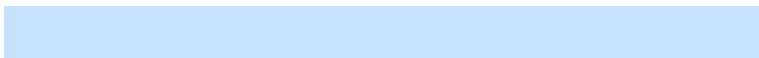
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



77.3000, 73.7548, 74.4519



64.9363, 73.7548, 66.8619



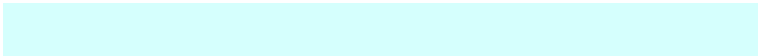
68.4476, 73.7548, 102.3372

Complementary

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



77.3000, 73.7548, 74.4519



80.9327, 92.7592, 106.5711

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.



65.2350, 73.7548, 96.4543



77.3000, 73.7548, 74.4519



63.2575, 73.7548, 75.6254

Square

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



77.3000, 73.7548, 74.4519



68.0265, 73.7548, 61.9650



63.3648, 73.7548, 86.4601



72.2187, 73.7548, 101.9510

Rectangle

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



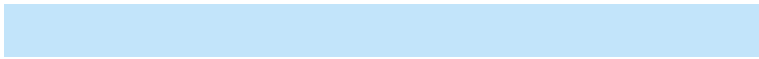
77.3000, 73.7548, 74.4519



73.0125, 73.7548, 62.6475



63.3648, 73.7548, 86.4601



67.2694, 73.7548, 101.0063

Sweetspot

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



77.3017, 73.7580, 74.4534



89.2225, 91.3755, 97.6146



82.3175, 75.6755, 104.8760



18.9286, 19.3087, 20.5666



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

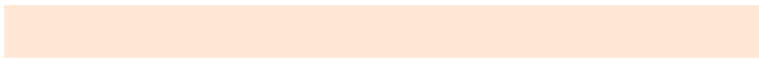
The Same Dimension uses a secret algorithm to generate beautiful new colors.



77.3017, 73.7580, 74.4534



74.0249, 68.9226, 68.0643



82.0804, 83.7232, 74.7890



18.0444, 18.0011, 18.8507



21.5986, 11.1287, 1.2706



2.1147, 1.0883, 0.1856

Inverse Universe

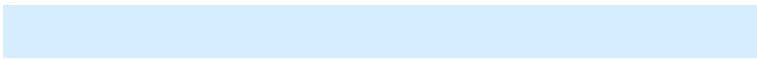
The Inverse Universe completely reimagines the original color for something new.



77.3017, 73.7580, 74.4534



74.0249, 68.9226, 68.0643



75.5174, 81.4171, 106.3426



18.0444, 18.0011, 18.8507



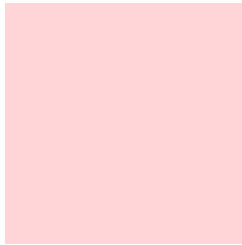
21.5986, 11.1287, 1.2706



2.1147, 1.0883, 0.1856

Previews

White Background



This preview shows how the XYZ color 77.3000, 73.7548, 74.4519 looks on a white background.

Color Contrast Check

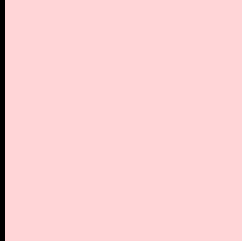
Large Text (above 18pt) WCAG AA × Fail

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 77.3000, 73.7548, 74.4519 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

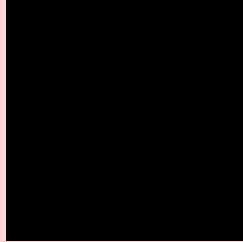
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 77.3000, 73.7548, 74.4519

Background



This preview shows how black text looks on a background with the XYZ color 77.3000, 73.7548, 74.4519.



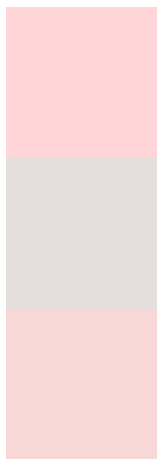
This preview shows how white text looks on a background with the XYZ color 77.3000, 73.7548,

74.4519.

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

77.3000, 73.7548, 74.4519

Protanopia

71.0345, 73.9038, 78.2311

Deuteranopia

75.4049, 73.9232, 73.9127



Tritanopia

78.6486, 73.8930, 82.7906

Trichromacy



Original Color

77.3000, 73.7548, 74.4519

Protanomaly

73.2463, 73.9021, 76.7337

Deuteranomaly

76.2217, 73.9651, 73.8777

Tritanomaly

78.1028, 73.6747, 79.9162

Monochromacy



Original Color

77.3000, 73.7548, 74.4519

Achromatopsia

72.2879, 76.0525, 82.8211

Achromatomaly

73.9663, 74.9914, 79.6836

CSS Examples

Text

The CSS property to change the color of the text to XYZ 77.3000, 73.7548, 74.4519 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, 213, 215)` looks like.

```
.text, #text, p{  
    color:rgb(255, 213, 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, 213, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 213, 215) }
```

Border

The CSS property to change the border of an element to XYZ 77.3000, 73.7548, 74.4519 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, 213, 215) }
```


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

```
.border{ border-color:rgb(255, 213, 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, 213, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 213, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 213, 215);  
box-shadow:4px 4px 4px 4px rgb(255, 213,  
215) }
```

Background

The CSS property to change the background color of an element to XYZ 77.3000, 73.7548, 74.4519 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 213, 215) }
```

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

```
.background{ background-color: rgb(255,  
213, 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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