

Converting Colors

XYZ(80.9644, 76.3034, 73.3215)

Have a look what the booklet for
XYZ(80.9644, 76.3034, 73.3215)
contains.

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Color

**XYZ(77.5507, 74.6650,
73.2752)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD7D5
RGB	255, 215, 213
RGB Percent	100%, 84%, 84%
CMY	0.0000, 0.1568, 0.1647
CMYK	0.00, 0.16, 0.16, 0.00
HSL	3°, 100%, 92%
HSV	3°, 16%, 100%
XYZ	77.5507, 74.6650, 73.2752
YIQ	226.7320, 24.4820, 7.8580

Conversions

Conversions Part 2

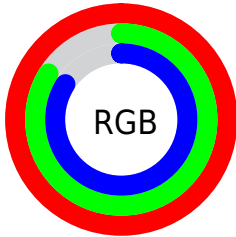
Format	Color
R_{YB}	255, 215, 213
Decimal	16766933
CIE _{Lab}	89.24, 13.61, 6.18
CIE _{LCh}	89, 14.950, 24.400
Yxy	74.6650, 0.3439, 0.3311
Android (android.graphics.Color)	4294957013 (0xFFFFD7D5)
YUV	226.7320, -6.7699, 24.7910
Hunter-Lab	86.4089, 8.9855, 10.2080

Details

The XYZ color **77.5507, 74.6650, 73.2752** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **80.6148, 91.6140, 108.0422**, and the grayscale version is **72.8557, 76.6499, 83.4717**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.0311, 39.6160, 37.7791** is the 20% darker color. If you saturate the color by 10%, you get **68.8340, 62.0104, 55.6370**, and if you desaturate by 10%, it is **87.6976, 89.3649, 93.9028**.

Distribution



Red (100%)

Green (84%)

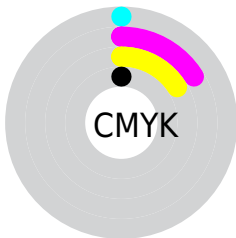
Blue (84%)



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 77.5507, 74.6650, 73.2752 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 77.5507, 74.6650, 73.2752 by changing the saturation by 10% instead.


 77.5507, 74.6650,
73.2752

 77.5507, 74.6650,
73.2752

475.5028,
476.7653, 491.0644

 58.0065, 55.3385,
53.7078


128.8853,
125.8380, 125.5924

 42.0571, 39.6728,
37.9765


161.4063,
158.4534, 159.1792

 29.3373, 27.2835,
25.6628


198.9837,
196.2671, 198.2763

 19.4817, 17.7863,
16.3480

241.9828,
239.6636, 243.3022

 12.1249, 10.7966,
9.6138

290.7688,
289.0273, 294.6754

 6.9016, 5.9303,
5.0414

345.7073,

 3.4464, 2.8027,

344.7425, 352.8145

2.2124

407.1635,
407.1937, 418.1380

■ 1.3940, 1.0296,
0.6815

■ 0.2520, 0.0000,
0.0000

■ 77.5507, 74.6650,
73.2752

■ 77.5507, 74.6650,
73.2752

■ 68.8340, 62.0104,
55.6370

■ 87.6976, 89.3649,
93.9028

■ 61.4782, 51.3016,
40.8451

95.0500, 100.0000,
108.9000

■ 55.4162, 42.4448,
28.7518

■ 50.5730, 35.3351,
19.1942

■ 46.8662, 29.8569,
11.9920

■ 44.2028, 25.8806,
6.9409

■ 42.4754, 23.2572,
3.8020

■ 41.5528, 21.8067,
2.2775

■ 41.3736, 21.5271,
1.9745

Harmonies

Analogous

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



78.1818, 74.6650, 83.2743



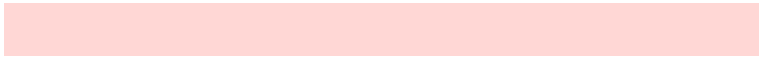
77.5507, 74.6650, 73.2752



75.1304, 74.6650, 66.0279

Triad

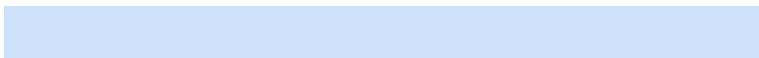
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



77.5507, 74.6650, 73.2752



65.4130, 74.6650, 70.1514



70.2843, 74.6650, 102.9822

Complementary

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



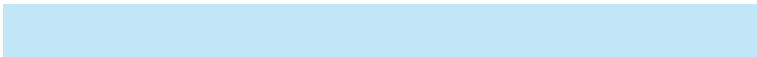
77.5507, 74.6650, 73.2752



80.6148, 91.6140, 108.0422

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.



66.9600, 74.6650, 98.7565



77.5507, 74.6650, 73.2752



64.2100, 74.6650, 79.3522

Square

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



77.5507, 74.6650, 73.2752



68.1074, 74.6650, 64.3355



64.7666, 74.6650, 89.8849



73.9052, 74.6650, 101.0060

Rectangle

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



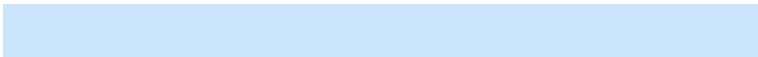
77.5507, 74.6650, 73.2752



72.8706, 74.6650, 63.4374



64.7666, 74.6650, 89.8849



69.0965, 74.6650, 102.2297

Sweetspot

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



77.5524, 74.6682, 73.2768



89.3129, 91.7024, 97.1944



82.8600, 75.9794, 103.7288



18.9505, 19.3877, 20.4650



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

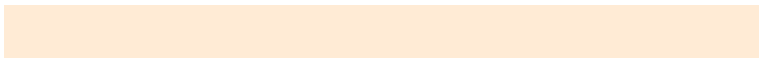
The Same Dimension uses a secret algorithm to generate beautiful new colors.



77.5524, 74.6682, 73.2768



74.3151, 69.9717, 66.7158



83.0736, 85.7106, 75.1171



18.0789, 18.1260, 18.6901



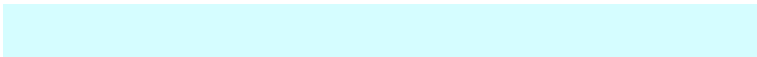
21.6479, 11.3070, 1.0415



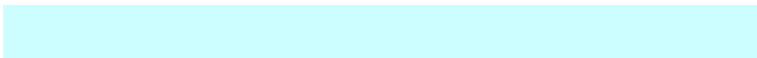
2.1312, 1.1477, 0.1092

Inverse Universe

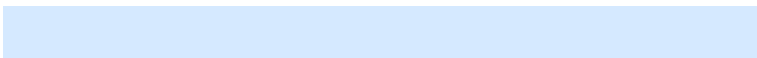
The Inverse Universe completely reimagines the original color for something new.



80.6148, 91.6140, 108.0422



77.9402, 90.0340, 107.8782



74.5170, 79.4184, 106.0096



18.4762, 20.3240, 23.1991



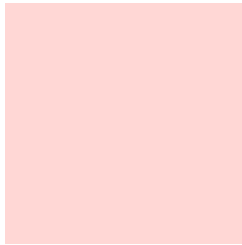
26.1843, 37.2782, 55.2499



2.5715, 3.6736, 5.3868

Previews

White Background



This preview shows how the XYZ color 77.5507, 74.6650, 73.2752 looks on a white background.

Color Contrast Check

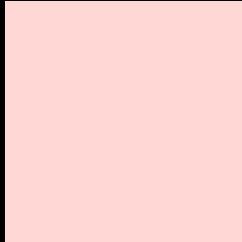
Large Text (above 18pt) WCAG AA × Fail

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 77.5507, 74.6650, 73.2752 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

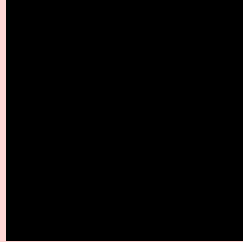
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 77.5507, 74.6650, 73.2752

Background



This preview shows how black text looks on a background with the XYZ color 77.5507, 74.6650, 73.2752.



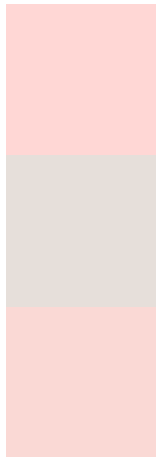
This preview shows how white text looks on a background with the XYZ color 77.5507, 74.6650,

73.2752.

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

77.5507, 74.6650, 73.2752

Protanopia

71.6757, 74.6603, 76.9628

Deuteranopia

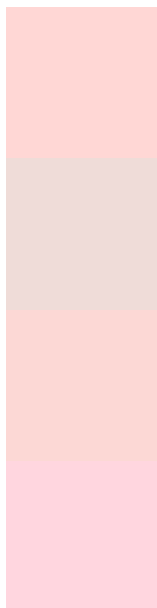
76.2474, 74.7538, 73.3610



Tritanopia

79.1771, 74.5056, 84.3367

Trichromacy



Original Color

77.5507, 74.6650, 73.2752

Protanomaly

73.5845, 74.4950, 75.4664

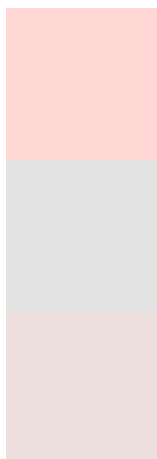
Deuteranomaly

76.7110, 74.6113, 73.3091

Tritanomaly

78.6059, 74.6808, 80.0839

Monochromacy



Original Color

77.5507, 74.6650, 73.2752

Achromatopsia

73.0128, 76.8151, 83.6517

Achromatomaly

74.4975, 76.0538, 79.8607

CSS Examples

Text

The CSS property to change the color of the text to XYZ 77.5507, 74.6650, 73.2752 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, 213)` looks like.

```
.text, #text, p{  
    color:rgb(255, 215, 213)  
}
```

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, 213) colored shadow looks like.

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

Border

The CSS property to change the border of an element to XYZ 77.5507, 74.6650, 73.2752 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, 213) }
```


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

```
.border{ border-color:rgb(255, 215, 213) }
```

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, 213)` colored shadow looks like.

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

Background

The CSS property to change the background color of an element to XYZ 77.5507, 74.6650, 73.2752 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, 213) }
```

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

```
.background{ background-color: rgb(255,  
215, 213) }
```

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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