

Converting Colors

XYZ(77.7571, 77.2372, 66.6871)

Have a look what the booklet for
XYZ(77.7571, 77.2372, 66.6871)
contains.

XYZ(77.7571, 77.2372, 66.6871)	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(77.7571, 77.2372,
66.6871)**

Conversions

Conversions Part 1

Format	Color
Hex	FFDDCA
RGB	255, 221, 202
RGB Percent	100%, 87%, 79%
CMY	0.0000, 0.1333, 0.2078
CMYK	0.00, 0.13, 0.21, 0.00
HSL	22°, 100%, 90%
HSV	22°, 21%, 100%
XYZ	77.7571, 77.2372, 66.6871
YIQ	229.0000, 26.3630, 1.2990

Conversions

Conversions Part 2

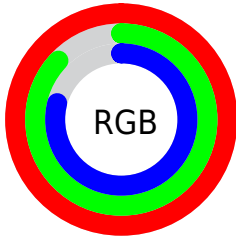
Format	Color
R _Y B	255, 232, 202
Decimal	16768458
CIE Lab	90.43, 8.88, 13.65
CIE LCh	90, 16.287, 56.966
Yxy	77.2372, 0.3508, 0.3484
Android (android.graphics.Color)	4294958538 (0xFFFFDDCA)
YUV	229.0000, -13.3110, 22.8020
Hunter-Lab	87.8847, 4.1319, 16.5299

Details

The XYZ color **77.7571, 77.2372, 66.6871** is a light color, and the websafe version is hex **FFCCCC**, and the color name is **unbleached silk**. A complement of this color would be **72.4017, 79.7650, 106.1879**, and the grayscale version is **74.5591, 78.4420, 85.4233**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.2702, 41.4163, 33.7832** is the 20% darker color. If you saturate the color by 10%, you get **70.8740, 67.9101, 50.7075**, and if you desaturate by 10%, it is **85.5637, 87.6122, 85.4377**.

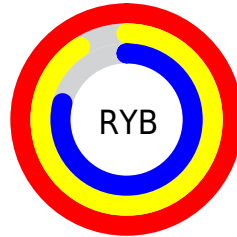
Distribution



Red (100%)

Green (87%)

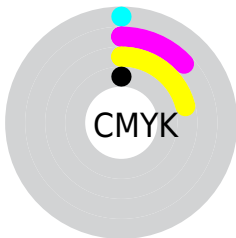
Blue (79%)



Red (100%)

Yellow (91%)

Blue (79%)

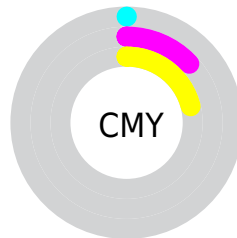


Cyan (0%)

Magenta (13%)

Yellow (21%)

Black (0%)



Cyan (0%)


Magenta (13%)


Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 77.7571, 77.2372, 66.6871 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 77.7571, 77.2372, 66.6871 by changing the saturation by 10% instead.


 77.7571, 77.2372,
66.6871

 77.7571, 77.2372,
66.6871


476.1940,
485.5724, 467.3013

 58.1766, 57.4476,
48.3704


129.1748,
129.4743, 116.1083

 42.1944, 41.3647,
33.7582


161.7427,
162.6905, 148.0499

 29.4453, 28.6042,
22.4321


199.3705,
201.1510, 185.3702

 19.5639, 18.7816,
13.9734

242.4234,
245.2403, 228.4878

 12.1849, 11.5126,
7.9636

291.2668,
295.3427, 277.8211

 6.9428, 6.4127,
3.9842

346.2662,

 3.4724, 3.0976,

351.8425, 333.7888

1.6167

407.7868,
415.1243, 396.8094

■ 1.4082, 1.1829,
0.3027

■ 0.2621, 0.0477,
0.0000

■ 77.7571, 77.2372,
66.6871

■ 77.7571, 77.2372,
66.6871

■ 70.8740, 67.9101,
50.7075

■ 85.5637, 87.6122,
85.4377

■ 64.8722, 59.5868,
37.3611

■ 94.3223, 99.0569,
107.0784

■ 59.7146, 52.2352,
26.5056

■ 95.0500, 100.0000,
108.9000

■ 55.3589, 45.8172,
17.9829

■ 51.7585, 40.2922,
11.6167

■ 48.8613, 35.6156,
7.2051

■ 46.6070, 31.7384,
4.5069

■ 45.0189, 28.8177,
3.1896

Harmonies

Analogous

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



80.6034, 77.2372, 74.3468



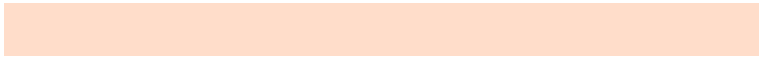
77.7571, 77.2372, 66.6871



73.8262, 77.2372, 63.6598

Triad

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



77.7571, 77.2372, 66.6871



65.8771, 77.2372, 82.9186



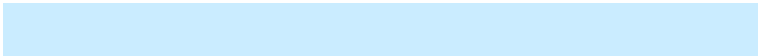
77.0147, 77.2372, 105.6772

Complementary

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



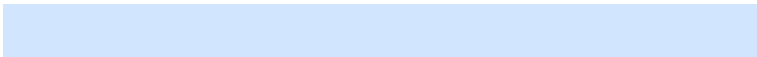
77.7571, 77.2372, 66.6871



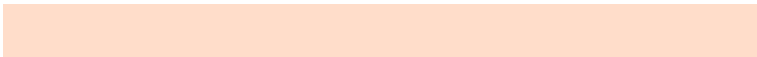
72.4017, 79.7650, 106.1879

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.



72.9986, 77.2372, 108.5006



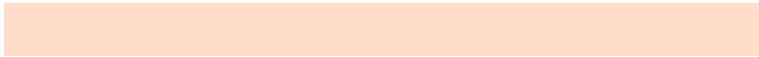
77.7571, 77.2372, 66.6871



66.6609, 77.2372, 94.6669

Square

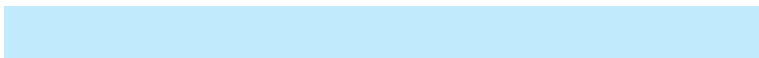
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



77.7571, 77.2372, 66.6871



67.0497, 77.2372, 72.4720



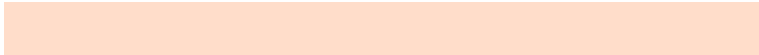
69.2312, 77.2372, 104.3031



80.1638, 77.2372, 96.9056

Rectangle

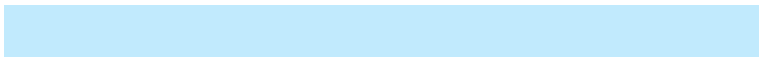
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



77.7571, 77.2372, 66.6871



71.1535, 77.2372, 64.4465



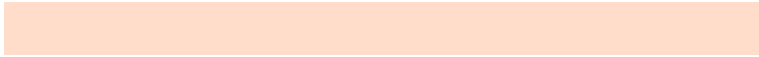
69.2312, 77.2372, 104.3031



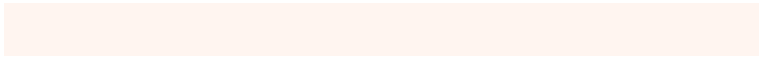
75.7170, 77.2372, 107.3866

Sweetspot

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



77.7590, 77.2406, 66.6887



89.6325, 92.9511, 95.4218



77.5668, 69.5842, 89.0434



19.0633, 19.7362, 20.1240



0.0000, 0.0000, 0.0000



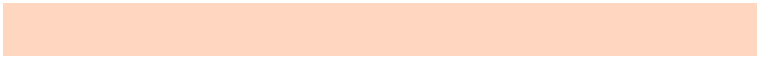
20.3446, 21.4041, 23.3091

Same Dimension

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



77.7590, 77.2406, 66.6887



74.7460, 73.1815, 59.6205



85.1770, 92.0766, 69.1614



18.5424, 19.0530, 18.8446



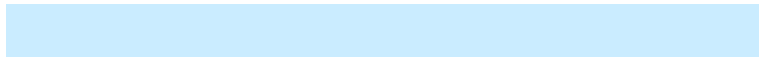
23.6512, 15.3136, 1.7093



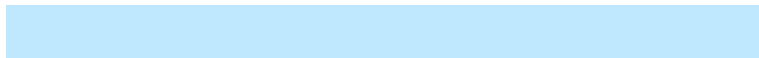
2.4018, 1.6889, 0.1994

Inverse Universe

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



72.4017, 79.7650, 106.1879



68.4948, 76.1208, 105.6905



65.4421, 65.8460, 103.8681



17.9749, 19.3213, 23.0320



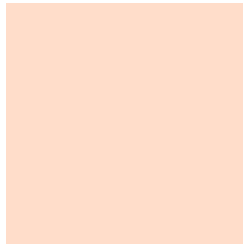
16.4735, 17.8567, 52.0130



1.7074, 1.9456, 5.0988

Previews

White Background



This preview shows how the XYZ color 77.7571, 77.2372, 66.6871 looks on a white background.

Color Contrast Check

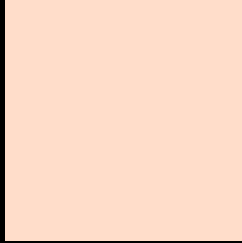
Large Text (above 18pt) WCAG AA × Fail

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 77.7571, 77.2372, 66.6871 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 77.7571, 77.2372, 66.6871

Background



This preview shows how black text looks on a background with the XYZ color 77.7571, 77.2372, 66.6871.

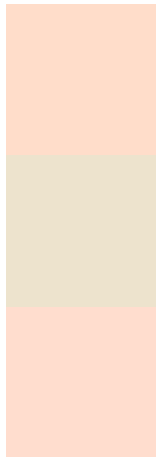


This preview shows how white text looks on a background with the XYZ color 77.7571, 77.2372,

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

77.7571, 77.2372, 66.6871

Protanopia

73.4136, 77.3505, 68.8184

Deuteranopia

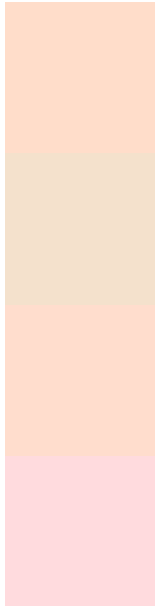
78.2370, 77.4291, 69.2143



Tritanopia

81.0194, 77.2860, 87.7383

Trichromacy



Original Color

77.7571, 77.2372, 66.6871

Protanomaly

75.1325, 77.4432, 68.1149

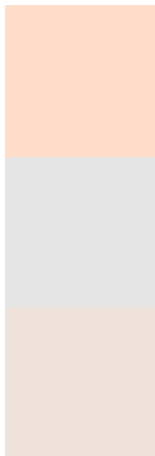
Deuteranomaly

78.1159, 77.3807, 68.5764

Tritanomaly

79.7563, 77.1970, 79.8041

Monochromacy



Original Color

77.7571, 77.2372, 66.6871

Achromatopsia

74.4753, 78.3538, 85.3273

Achromatomaly

75.2424, 77.6843, 78.0467

CSS Examples

Text

The CSS property to change the color of the text to XYZ 77.7571, 77.2372, 66.6871 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, 221, 202)` looks like.

```
.text, #text, p{  
    color:rgb(255, 221, 202)  
}
```

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, 221, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 221, 202) }
```

Border

The CSS property to change the border of an element to XYZ 77.7571, 77.2372, 66.6871 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, 221, 202) }
```


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

```
.border{ border-color:rgb(255, 221, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 221, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 221, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 221, 202);  
box-shadow:4px 4px 4px 4px rgb(255, 221,  
202) }
```

Background

The CSS property to change the background color of an element to XYZ 77.7571, 77.2372, 66.6871 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 221, 202) }
```

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

```
.background{ background-color: rgb(255,  
221, 202) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor