

Converting Colors

XYZ(84.6856, 77.3958, 63.1511)

Have a look what the booklet for
XYZ(84.6856, 77.3958, 63.1511)
contains.

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Color

**XYZ(74.8615, 72.3782,
62.8481)**

Conversions

Conversions Part 1	
Format	Color
Hex	FFD4C5
RGB	255, 212, 197
RGB Percent	100%, 83%, 77%
CMY	0.0000, 0.1686, 0.2274
CMYK	0.00, 0.17, 0.23, 0.00
HSL	16°, 100%, 89%
HSV	16°, 23%, 100%
XYZ	74.8615, 72.3782, 62.8481
YIQ	223.1470, 30.4430, 4.4510

Conversions

Conversions Part 2

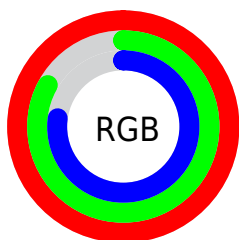
Format	Color
RYB	255, 217, 197
Decimal	16766149
CIELab	88.15, 12.83, 13.05
CIELCh	88, 18.298, 45.481
Yxy	72.3782, 0.3563, 0.3445
Android (android.graphics.Color)	4294956229 (0xFFFFD4C5)
YUV	223.1470, -12.8905, 27.9351
Hunter-Lab	85.0754, 8.1879, 15.7532

Details

The XYZ color **74.8615, 72.3782, 62.8481** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **72.2351, 81.4079, 106.5139**, and the grayscale version is **70.3189, 73.9809, 80.5652**.

A 20% lighter version of the original color is **94.8894, 99.9358, 108.0543**, and **40.3036, 38.1029, 31.2170** is the 20% darker color. If you saturate the color by 10%, you get **67.7314, 62.4051, 47.2548**, and if you desaturate by 10%, it is **83.0427, 83.6619, 81.2318**.

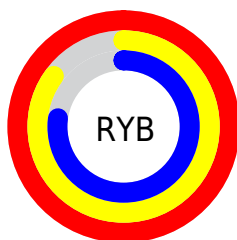
Distribution



Red (100%)

Green (83%)

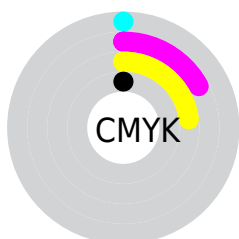
Blue (77%)



Red (100%)

Yellow (85%)

Blue (77%)

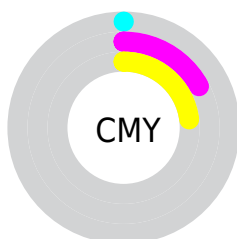


Cyan (0%)

Magenta (17%)

Yellow (23%)

Black (0%)



Cyan (0%)

Magenta (17%)


Yellow (23%)


Brightness & Saturation

Gradients


These gradients show how the XYZ color 74.8615, 72.3782, 62.8481 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 74.8615, 72.3782, 62.8481 by changing the saturation by 10% instead.


 74.8615, 72.3782,
62.8481

 74.8615, 72.3782,
62.8481


466.4459,
468.8569, 453.1108

 55.7932, 53.4677,
45.2781

125.1052,
122.5941, 110.5338

 40.2735, 38.1762,
31.3320


157.0114,
154.6682, 141.4866

 27.9370, 26.1195,
20.5912


193.9276,
191.8990, 177.7374

 18.4184, 16.9131,
12.6372

236.2191,
234.6709, 219.7048

 11.3523, 10.1725,
7.0514

284.2513,
283.3682, 267.8073

 6.3733, 5.5135,
3.4153


338.3897,


 3.1162, 2.5516,


338.3754, 322.4634


1.3104

398.9994,
400.0768, 384.0917


 1.2155, 0.9024,
0.0703


 0.1186, 0.0000,
0.0000


 74.8615, 72.3782,
62.8481


 74.8615, 72.3782,
62.8481

 67.7314, 62.4051,
47.2548


 83.0427, 83.6619,
81.2318

 61.6033, 53.6850,
34.3102

 92.3108, 96.2920,
102.5292

 56.4316, 46.1702,
23.8668

95.0500, 100.0000,
108.9000

 52.1655, 39.8060,
15.7608

■ 48.7486, 34.5334,
9.8085

■ 46.1176, 30.2878,
5.7985

■ 44.1990, 26.9968,
3.4754

■ 43.1865, 25.1530,
2.5788

Harmonies

Analogous

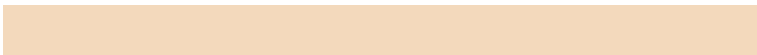
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



77.2227, 72.3782, 72.5507



74.8615, 72.3782, 62.8481



70.9239, 72.3782, 57.7108

Triad

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



74.8615, 72.3782, 62.8481



60.9671, 72.3782, 72.9207



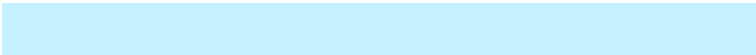
71.0631, 72.3782, 104.3792

Complementary

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



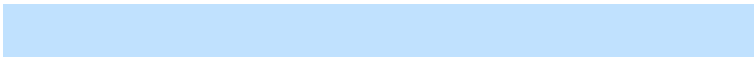
74.8615, 72.3782, 62.8481



72.2351, 81.4079, 106.5139

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.



66.7058, 72.3782, 104.5054



74.8615, 72.3782, 62.8481



61.0008, 72.3782, 85.4142

Square

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



74.8615, 72.3782, 62.8481



62.9681, 72.3782, 63.0941



63.0622, 72.3782, 97.2630



74.9671, 72.3782, 96.9346

Rectangle

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



74.8615, 72.3782, 62.8481



67.9930, 72.3782, 57.1768



63.0622, 72.3782, 97.2630



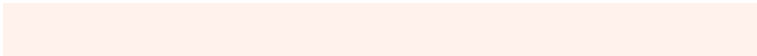
69.5998, 72.3782, 105.3032

Sweetspot

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



74.8633, 72.3814, 62.8496



88.2311, 90.7494, 93.1018



77.0093, 67.5143, 91.8011



18.7647, 19.2602, 19.6508



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.



74.8633, 72.3814, 62.8496



71.7028, 67.9793, 55.8802



82.6258, 87.9065, 65.4371



18.3913, 18.7509, 18.7943



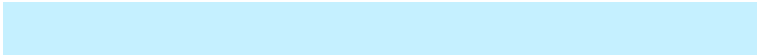
22.6672, 13.3456, 1.3813



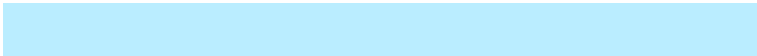
2.2908, 1.4670, 0.1624

Inverse Universe

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



72.2351, 81.4079, 106.5139



68.6748, 78.3551, 106.1122



64.4954, 65.9285, 103.9339



18.1338, 19.6391, 23.0849



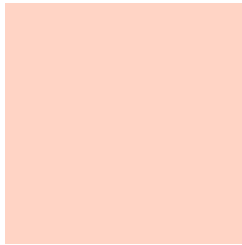
19.0706, 23.0508, 52.8787



1.9451, 2.4210, 5.1780

Previews

White Background



This preview shows how the XYZ color 74.8615, 72.3782, 62.8481 looks on a white background.

Color Contrast Check

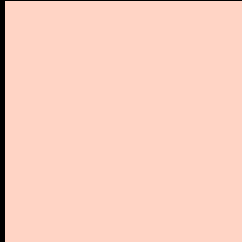
Large Text (above 18pt) WCAG AA × Fail

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 74.8615, 72.3782, 62.8481 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

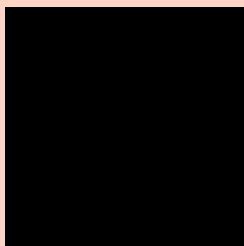
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 74.8615, 72.3782, 62.8481

Background



This preview shows how black text looks on a background with the XYZ color 74.8615, 72.3782, 62.8481.



This preview shows how white text looks on a background with the XYZ color 74.8615, 72.3782,

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

74.8615, 72.3782, 62.8481

Protanopia

69.0322, 72.7529, 65.6627

Deuteranopia


74.0172, 72.3152, 62.8804




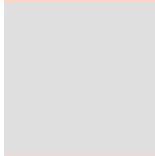
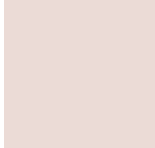
Tritanopia

77.4950, 72.2427, 80.3808

Trichromacy

	Original Color 74.8615, 72.3782, 62.8481
	Protanomaly 71.0933, 72.6637, 64.9220
	Deuteranomaly 74.3803, 72.5024, 62.8974
	Tritanomaly 76.4242, 72.2082, 73.5279

Monochromacy

	Original Color 74.8615, 72.3782, 62.8481
	Achromatopsia 70.1384, 73.7910, 80.3584
	Achromatomaly 71.7301, 73.1802, 73.9629

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.8615, 72.3782, 62.8481 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, 212, 197) looks like.

```
.text, #text, p{  
    color:rgb(255, 212, 197)  
}
```

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, 212, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 212, 197) }
```

Border

The CSS property to change the border of an element to XYZ 74.8615, 72.3782, 62.8481 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, 212, 197) }
```


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

```
.border{ border-color:rgb(255, 212, 197) }
```

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

Here you see how a box with a 4 pixel rgb(255, 212, 197) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 212, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 212, 197);  
box-shadow:4px 4px 4px 4px rgb(255, 212,  
197) }
```

Background

The CSS property to change the background color of an element to XYZ 74.8615, 72.3782, 62.8481 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 212, 197) }
```

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

```
.background{ background-color: rgb(255,  
212, 197) }
```

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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