

Converting Colors

XYZ(74.4649, 74.5847, 64.6280)

Have a look what the booklet for
XYZ(74.4649, 74.5847, 64.6280)
contains.

| | |
|------------------------------------------------|----|
| XYZ(74.4471, 74.4061, 64.4709) | 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(74.4471, 74.4061,
64.4709)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | F9DAC7 |
| RGB | 249, 218, 199 |
| RGB Percent | 98%, 85%, 78% |
| CMY | 0.0235, 0.1451, 0.2196 |
| CMYK | 0.00, 0.12, 0.20, 0.02 |
| HSL | 23°, 81%, 88% |
| HSV | 23°, 20%, 98% |
| XYZ | 74.4471, 74.4061, 64.4709 |
| YIQ | 225.1030, 24.5750, 0.6630 |

Conversions

Conversions Part 2

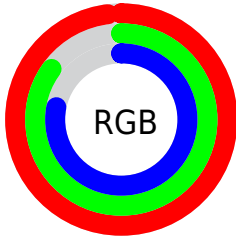
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 249, 230, 199 |
| Decimal | 16374471 |
| CIE Lab | 89.11, 7.82, 13.29 |
| CIE LCh | 89, 15.418, 59.516 |
| Yxy | 74.4061, 0.3490, 0.3488 |
| Android (android.graphics.Color) | 4294564551 (0xFFF9DAC7) |
| YUV | 225.1030, -12.8688, 20.9577 |
| Hunter-Lab | 86.2590, 3.1039, 16.0673 |

Details

The XYZ color **74.4471, 74.4061, 64.4709** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **68.9483, 75.5733, 100.5760**, and the grayscale version is **71.7210, 75.4561, 82.1717**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.9463, 39.4452, 32.2964** is the 20% darker color. If you saturate the color by 10%, you get **67.9717, 65.7092, 49.1970**, and if you desaturate by 10%, it is **81.7724, 84.0446, 82.3635**.

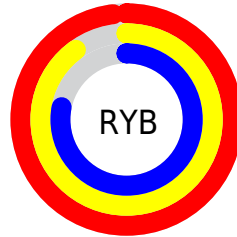
Distribution



Red (98%)

Green (85%)

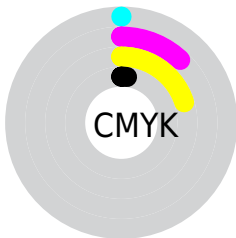
Blue (78%)



Red (98%)

Yellow (90%)

Blue (78%)

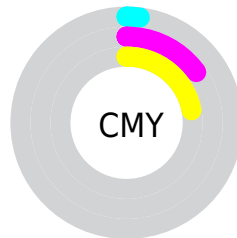


Cyan (0%)

Magenta (12%)

Yellow (20%)

Black (2%)



Cyan (2%)


Magenta (15%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 74.4471, 74.4061, 64.4709 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 74.4471, 74.4061, 64.4709 by changing the saturation by 10% instead.


 74.4471, 74.4061,
64.4709

 74.4471, 74.4061,
64.4709

465.0415,
475.8738, 459.1422

 55.4526, 55.1265,
46.5836


124.5215,
125.4713, 112.8948

 39.9995, 39.5030,
32.3546


156.3321,
158.0257, 144.2685

 27.7224, 27.1513,
21.3654

193.1455,
195.7738, 180.9746

 18.2559, 17.6868,
13.1975

235.3271,
239.1000, 223.4319

 11.2346, 10.7254,
7.4324

283.2421,
288.3887, 272.0587

 6.2933, 5.8825,
3.6514

337.2559,

 3.0666, 2.7738,

344.0243, 327.2737

1.4361

397.7340,
406.3912, 389.4953

■ 1.1891, 1.0148,
0.1697

■ 0.0977, 0.0000,
0.0000

■ 74.4471, 74.4061,
64.4709

■ 74.4471, 74.4061,
64.4709

■ 67.9717, 65.7092,
49.1970

■ 81.7724, 84.0446,
82.3635

■ 62.3070, 57.9142,
36.4129

■ 89.9728, 94.6426,
102.9863

■ 57.4197, 50.9935,
25.9853

■ 92.8771, 98.8798,
108.7983

■ 53.2713, 44.9140,
17.7669

■ 49.8197, 39.6402,
11.5931

■ 47.0177, 35.1336,
7.2761

■ 44.8107, 31.3514,
4.5925

■ 43.1274, 28.2604,
3.1817

Harmonies

Analogous

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



77.1917, 74.4061, 71.2496



74.4471, 74.4061, 64.4709



70.7818, 74.4061, 62.0480

Triad

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



74.4471, 74.4061, 64.4709



63.7439, 74.4061, 80.8409



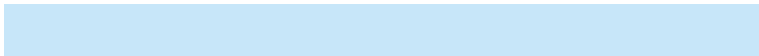
74.3377, 74.4061, 100.3747

Complementary

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



74.4471, 74.4061, 64.4709



68.9483, 75.5733, 100.5760

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.



70.6597, 74.4061, 103.5013



74.4471, 74.4061, 64.4709



64.6220, 74.4061, 91.6355

Square

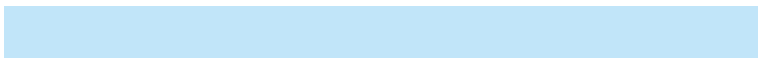
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



74.4471, 74.4061, 64.4709



64.6795, 74.4061, 70.9720



67.1209, 74.4061, 100.1731



77.1270, 74.4061, 91.9646

Rectangle

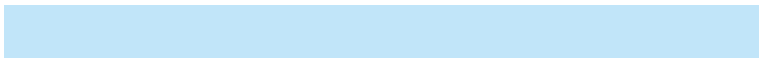
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



74.4471, 74.4061, 64.4709



68.3362, 74.4061, 63.0471



67.1209, 74.4061, 100.1731



73.1602, 74.4061, 102.1098

Sweetspot

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



74.4491, 74.4095, 64.4725



89.7322, 93.1506, 95.4551



73.8678, 66.7382, 84.3439



19.0869, 19.7833, 20.1318



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.



74.4491, 74.4095, 64.4725



75.7840, 74.8038, 61.3656



81.2277, 87.9667, 66.7320



17.7853, 18.3065, 18.0585



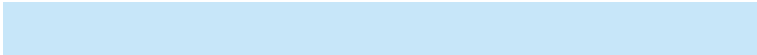
23.2115, 15.3797, 1.7452



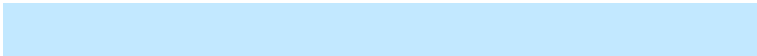
2.2484, 1.6217, 0.1945

Inverse Universe

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



68.9483, 75.5733, 100.5760



69.0297, 76.2287, 105.6831



62.6441, 62.9650, 98.4746



17.1792, 18.4353, 22.0382



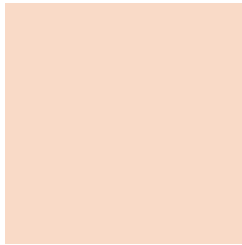
15.5112, 16.3779, 50.3173



1.5388, 1.7213, 4.6943

Previews

White Background



This preview shows how the XYZ color 74.4471, 74.4061, 64.4709 looks on a white background.

Color Contrast Check

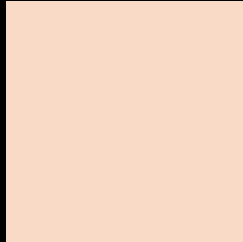
Large Text (above 18pt) WCAG AA × Fail

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 74.4471, 74.4061, 64.4709 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

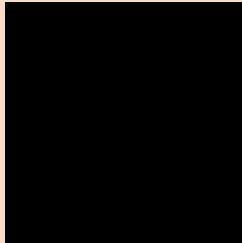
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 74.4471, 74.4061, 64.4709

Background



This preview shows how black text looks on a background with the XYZ color 74.4471, 74.4061, 64.4709.

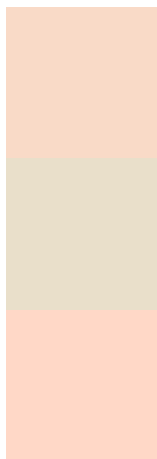


This preview shows how white text looks on a background with the XYZ color 74.4471, 74.4061,

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

74.4471, 74.4061, 64.4709

Protanopia

70.6526, 74.3633, 66.5069

Deuteranopia

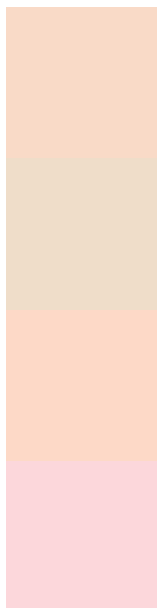
76.1047, 74.4953, 64.4007



Tritanopia

78.5852, 74.1843, 85.0400

Trichromacy



Original Color

74.4471, 74.4061, 64.4709

Protanomaly

71.9957, 74.2807, 65.8014

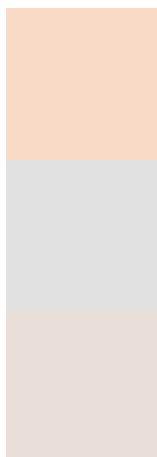
Deuteranomaly

75.6297, 74.6319, 64.4521

Tritanomaly

77.2315, 74.4108, 77.3100

Monochromacy



Original Color

74.4471, 74.4061, 64.4709

Achromatopsia

71.5672, 75.2942, 81.9954

Achromatomaly

72.4476, 74.6928, 75.5645

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.4471, 74.4061, 64.4709 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(249, 218, 199) looks like.

```
.text, #text, p{  
    color:rgb(249, 218, 199)  
}
```

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(249, 218, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 218, 199) }
```

Border

The CSS property to change the border of an element to XYZ 74.4471, 74.4061, 64.4709 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(249, 218, 199) }
```


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

```
.border{ border-color:rgb(249, 218, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 218, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 218, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 218, 199);  
box-shadow:4px 4px 4px 4px rgb(249, 218,  
199) }
```

Background

The CSS property to change the background color of an element to XYZ 74.4471, 74.4061, 64.4709 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 218, 199) }
```

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

```
.background{ background-color: rgb(249,  
218, 199) }
```

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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