

Converting Colors

XYZ(74.9041, 76.5197, 50.3571)

Have a look what the booklet for
XYZ(74.9041, 76.5197, 50.3571)
contains.

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Color

**XYZ(74.9041, 76.5197,
50.3571)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | FFDEAD |
| RGB | 255, 222, 173 |
| RGB Percent | 100%, 87%, 68% |
| CMY | 0.0000, 0.1294, 0.3216 |
| CMYK | 0.00, 0.13, 0.32, 0.00 |
| HSL | 36°, 100%, 84% |
| HSV | 36°, 32%, 100% |
| XYZ | 74.9041, 76.5197, 50.3571 |
| YIQ | 226.2810, 35.3970, -8.2430 |

Conversions

Conversions Part 2

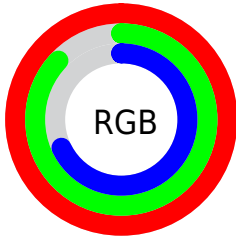
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 228, 255, 173 |
| Decimal | 16768685 |
| CIELab | 90.10, 4.51, 28.26 |
| CIElCh | 90, 28.622, 80.928 |
| Yxy | 76.5197, 0.3712, 0.3792 |
| Android (android.graphics.Color) | 4294958765 (0xFFFFDEAD) |
| YUV | 226.2810, -26.2675, 25.1866 |
| Hunter-Lab | 87.4755, -0.2351, 27.1014 |

Details

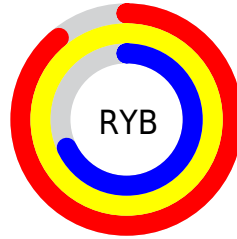
The XYZ color **74.9041, 76.5197, 50.3571** is a light color, and the websafe version is hex **FFCC99**, and the color name is **navajowhite**. A complement of this color would be **57.3543, 60.2449, 103.2133**, and the grayscale version is **72.6600, 76.4439, 83.2475**.

A 20% lighter version of the original color is **91.1429, 98.4371, 88.3253**, and **40.2348, 40.8638, 23.5362** is the 20% darker color. If you saturate the color by 10%, you get **70.0260, 70.3425, 37.6974**, and if you desaturate by 10%, it is **80.4229, 83.2240, 65.5553**.

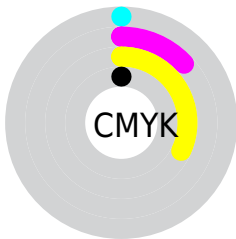
Distribution



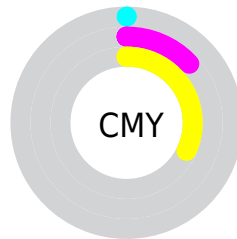
- Red (100%)
- Green (87%)
- Blue (68%)



- Red (89%)
- Yellow (100%)
- Blue (68%)



- Cyan (0%)
- Magenta (13%)
- Yellow (32%)
- Black (0%)





- Cyan (0%)
- Magenta (13%)
- Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 74.9041, 76.5197, 50.3571 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 74.9041, 76.5197, 50.3571 by changing the saturation by 10% instead.


 74.9041, 76.5197,
50.3571

 74.9041, 76.5197,
50.3571


466.5901,
483.1249, 404.8358

 55.8282, 56.8588,
35.3241


 125.1652,
128.4613, 92.1055

 40.3017, 40.8919,
23.6271


157.0812,
161.5107, 119.6579

 27.9591, 28.2346,
14.8476


194.0079,
199.7917, 152.2206

 18.4351, 18.5026,
8.5670

236.3107,
243.6887, 190.2119

 11.3644, 11.3114,
4.3669

284.3550,
293.5862, 234.0506

 6.3816, 6.2767,
1.8287

338.5061,

 3.1213, 3.0141,

349.8684, 284.1551

0.4468

399.1294,
412.9199, 340.9440

■ 1.2182, 1.1391,
0.0000

■ 0.1207, 0.0111,
0.0000

■ 74.9041, 76.5197,
50.3571

■ 74.9041, 76.5197,
50.3571

■ 70.0260, 70.3425,
37.6974

■ 80.4229, 83.2240,
65.5553

■ 65.7530, 64.6653,
27.4291

■ 86.6041, 90.4606,
83.4186

■ 62.0545, 59.4737,
19.3969

■ 93.4756, 98.2476,
104.0706

■ 58.8941, 54.7484,
13.4250

95.0500, 100.0000,
108.9000

■ 56.2305, 50.4676,
9.3112

■ 54.0142, 46.6063,
6.8110

■ 52.5326, 43.8451,
5.6942

Harmonies

Analogous

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



81.6807, 76.5197, 56.4934



74.9041, 76.5197, 50.3571



67.9601, 76.5197, 51.8666

Triad

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



74.9041, 76.5197, 50.3571



60.7060, 76.5197, 98.0818



83.8548, 76.5197, 110.4778

Complementary

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



74.9041, 76.5197, 50.3571



57.3543, 60.2449, 103.2133

Split Complementary

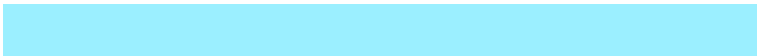
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



77.7173, 76.5197, 125.4441



74.9041, 76.5197, 50.3571



64.4577, 76.5197, 117.5169

Square

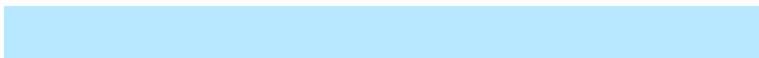
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



74.9041, 76.5197, 50.3571



60.0611, 76.5197, 77.3015



70.5978, 76.5197, 128.2109



87.0651, 76.5197, 89.6366

Rectangle

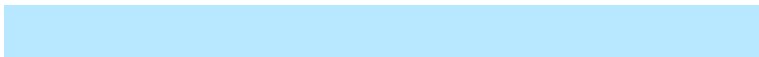
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



74.9041, 76.5197, 50.3571



64.1455, 76.5197, 57.1244



70.5978, 76.5197, 128.2109



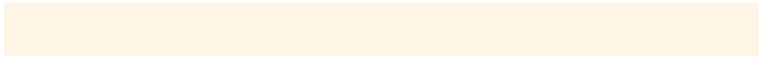
82.0475, 76.5197, 116.4955

Sweetspot

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



74.9060, 76.5232, 50.3587



88.0265, 92.0925, 87.6314



67.4670, 55.6611, 66.3269



18.6421, 19.4833, 18.1658



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.



74.9060, 76.5232, 50.3587



71.4991, 72.2380, 41.4280



82.0736, 94.5242, 53.4554



18.9122, 19.7926, 18.9679



27.5996, 23.2105, 3.0254



2.7944, 2.4742, 0.3303

Inverse Universe

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



57.3543, 60.2449, 103.2133



51.3155, 53.5273, 102.2349



51.7780, 46.7914, 100.9104



17.6029, 18.5774, 22.9080



12.0821, 9.0738, 50.5492



1.2800, 1.0908, 4.9563

Previews

White Background



This preview shows how the XYZ color 74.9041, 76.5197, 50.3571 looks on a white background.

Color Contrast Check

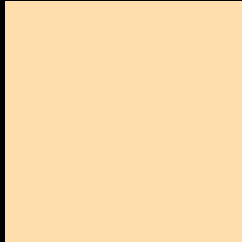
Large Text (above 18pt) WCAG AA × Fail

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 74.9041, 76.5197, 50.3571 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 74.9041, 76.5197, 50.3571

Background



This preview shows how black text looks on a background with the XYZ color 74.9041, 76.5197, 50.3571.



This preview shows how white text looks on a background with the XYZ color 74.9041, 76.5197,

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

74.9041, 76.5197, 50.3571

Protanopia

71.5522, 76.3651, 51.5262

Deuteranopia

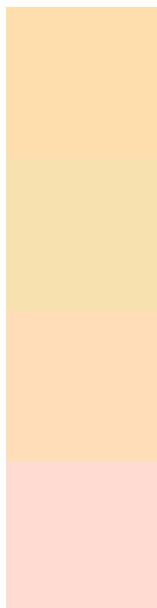
76.3476, 76.2522, 60.5634



Tritanopia

80.3358, 76.5989, 85.4138

Trichromacy



Original Color

74.9041, 76.5197, 50.3571

Protanomaly

72.9230, 76.6806, 51.0018

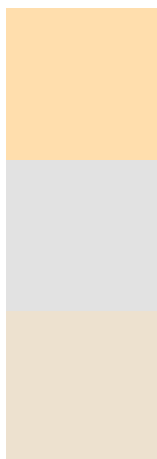
Deuteranomaly

75.8534, 76.4757, 56.6623

Tritanomaly

78.0801, 76.5265, 70.9774

Monochromacy



Original Color

74.9041, 76.5197, 50.3571

Achromatopsia

72.2879, 76.0525, 82.8211

Achromatomaly

73.1128, 76.3599, 69.9170

CSS Examples

Text

The CSS property to change the color of the text to XYZ 74.9041, 76.5197, 50.3571 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, 222, 173)` looks like.

```
.text, #text, p{  
    color:rgb(255, 222, 173)  
}
```

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, 222, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 222, 173) }
```

Border

The CSS property to change the border of an element to XYZ 74.9041, 76.5197, 50.3571 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, 222, 173) }
```


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

```
.border{ border-color:rgb(255, 222, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 222, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 222, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 222, 173);  
box-shadow:4px 4px 4px 4px rgb(255, 222,  
173) }
```

Background

The CSS property to change the background color of an element to XYZ 74.9041, 76.5197, 50.3571 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 222, 173) }
```

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

```
.background{ background-color: rgb(255,  
222, 173) }
```

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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