

Converting Colors

XYZ(72.1411, 70.7646, 50.1423)

Have a look what the booklet for
XYZ(72.1411, 70.7646, 50.1423)
contains.

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Color

**XYZ(72.1742, 70.9045,
49.9263)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD3AE
RGB	255, 211, 174
RGB Percent	100%, 83%, 68%
CMY	0.0000, 0.1725, 0.3176
CMYK	0.00, 0.17, 0.32, 0.00
HSL	27°, 100%, 84%
HSV	27°, 32%, 100%
XYZ	72.1742, 70.9045, 49.9263
YIQ	219.9380, 38.1010, -2.1790

Conversions

Conversions Part 2

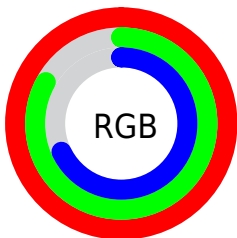
Format	Color
R _{YB}	255, 242, 174
Decimal	16765870
CIE Lab	87.44, 10.30, 24.12
CIE LCh	87, 26.227, 66.865
Yxy	70.9045, 0.3739, 0.3674
Android (android.graphics.Color)	4294955950 (0xFFFFD3AE)
YUV	219.9380, -22.6474, 30.7494
Hunter-Lab	84.2048, 5.6387, 23.7894

Details

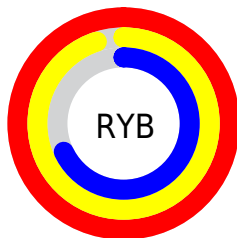
The XYZ color **72.1742, 70.9045, 49.9263** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **60.5761, 66.3592, 104.2237**, and the grayscale version is **68.1202, 71.6677, 78.0461**.

A 20% lighter version of the original color is **91.2829, 98.4932, 89.0629**, and **38.3656, 37.0277, 23.2141** is the 20% darker color. If you saturate the color by 10%, you get **66.6269, 63.4176, 36.9548**, and if you desaturate by 10%, it is **78.4936, 79.1798, 65.4849**.

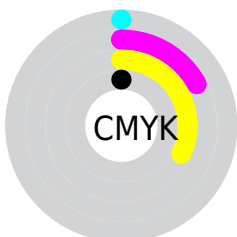
Distribution



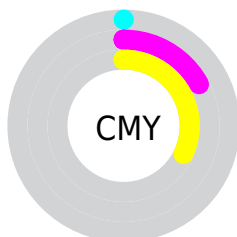
- Red (100%)
- Green (83%)
- Blue (68%)



- Red (100%)
- Yellow (95%)
- Blue (68%)



- Cyan (0%)
- Magenta (17%)
- Yellow (32%)
- Black (0%)




- Cyan (0%)
- Magenta (17%)
- Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 72.1742, 70.9045, 49.9263 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 72.1742, 70.9045, 49.9263 by changing the saturation by 10% instead.


 72.1742, 70.9045,
49.9263

 72.1742, 70.9045,
49.9263

457.2959,
463.7195, 403.1045

 53.5870, 52.2643,
34.9841


 121.3136,
120.4977, 91.4609

 38.5009, 37.2158,
23.3671

152.5965,
152.2195, 118.8903

 26.5507, 25.3746,
14.6570


188.8420,
189.0706, 151.3191

 17.3709, 16.3564,
8.4351

230.4155,
231.4354, 189.1660

 10.5962, 9.7767,
4.2828

277.6822,
279.6983, 232.8494

 5.8613, 5.2511,
1.7818

331.0077,

 2.8008, 2.3954,

334.2437, 282.7880

0.4159

390.7571,
395.4560, 339.4001

■ 1.0493, 0.8235,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 72.1742, 70.9045,
49.9263

■ 72.1742, 70.9045,
49.9263

■ 66.6269, 63.4176,
36.9548

■ 78.4936, 79.1798,
65.4849

■ 61.8120, 56.6835,
26.4226

■ 85.6115, 88.2577,
83.7586

■ 57.6941, 50.6784,
18.1734

■ 93.5596, 98.1647,
104.8720

■ 54.2322, 45.3728,
12.0307

95.0500, 100.0000,
108.9000

■ 51.3798, 40.7346,
7.7915

■ 49.0822, 36.7279,
5.2118

■ 47.5430, 33.8661,
4.0310

Harmonies

Analogous

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



77.3624, 70.9045, 58.5188



72.1742, 70.9045, 49.9263



65.9810, 70.9045, 48.0837

Triad

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



72.1742, 70.9045, 49.9263



56.2611, 70.9045, 81.3461



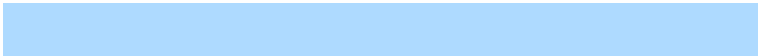
74.7823, 70.9045, 107.7851

Complementary

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



72.1742, 70.9045, 49.9263



60.5761, 66.3592, 104.2237

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.



68.8242, 70.9045, 116.1971



72.1742, 70.9045, 49.9263



58.3184, 70.9045, 99.4927

Square

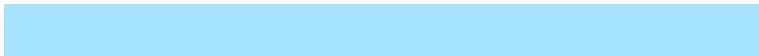
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



72.1742, 70.9045, 49.9263



57.0370, 70.9045, 64.5788



62.8270, 70.9045, 112.9511



78.9314, 70.9045, 91.3735

Rectangle

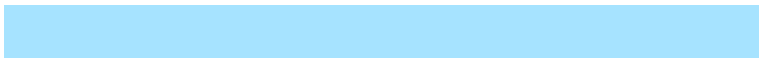
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



72.1742, 70.9045, 49.9263



62.1599, 70.9045, 50.6302



62.8270, 70.9045, 112.9511



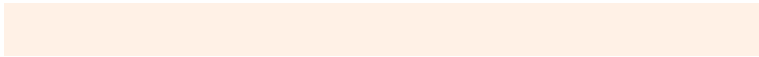
72.9110, 70.9045, 111.7480

Sweetspot

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



72.1760, 70.9078, 49.9278



86.9525, 89.9445, 87.2734



69.1035, 56.6236, 73.9955



18.3823, 18.9637, 18.0792



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.



72.1760, 70.9078, 49.9278



68.6275, 66.1468, 41.5434



83.3617, 93.2792, 53.6563



18.6930, 19.3542, 18.8948



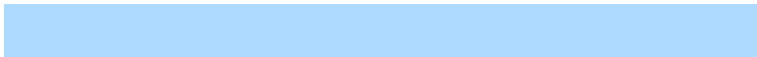
24.9874, 17.9859, 2.1547



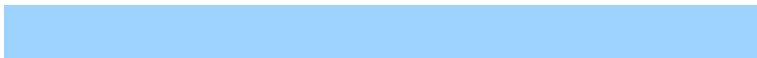
2.5406, 1.9665, 0.2457

Inverse Universe

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



60.5761, 66.3592, 104.2237



55.3976, 60.9540, 103.4533



51.4366, 48.0802, 101.1771



17.8205, 19.0127, 22.9805



14.3693, 13.6483, 51.3116



1.5084, 1.5475, 5.0325

Previews

White Background



This preview shows how the XYZ color 72.1742, 70.9045, 49.9263 looks on a white background.

Color Contrast Check

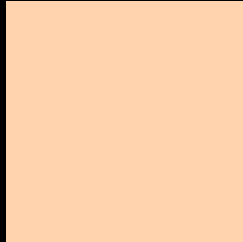
Large Text (above 18pt) WCAG AA × Fail

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 72.1742, 70.9045, 49.9263 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 72.1742, 70.9045, 49.9263

Background



This preview shows how black text looks on a background with the XYZ color 72.1742, 70.9045, 49.9263.



This preview shows how white text looks on a background with the XYZ color 72.1742, 70.9045,

49.9263.

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

72.1742, 70.9045, 49.9263

Protanopia

66.9717, 71.2010, 52.3329

Deuteranopia

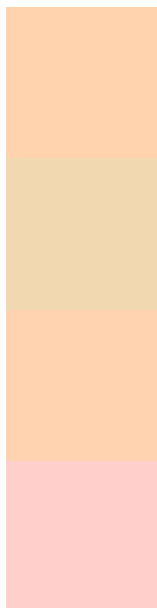
72.3707, 70.9831, 50.9611



Tritanopia

76.4711, 71.0530, 77.3943

Trichromacy



Original Color

72.1742, 70.9045, 49.9263

Protanomaly

68.7673, 70.9868, 51.6724

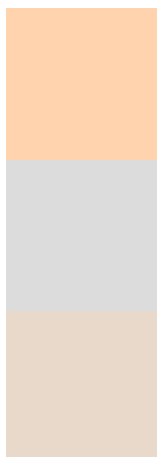
Deuteranomaly

72.2721, 70.9437, 50.4418

Tritanomaly

74.5754, 70.6835, 66.2127

Monochromacy



Original Color

72.1742, 70.9045, 49.9263

Achromatopsia

68.0267, 71.5694, 77.9390

Achromatomaly

69.1966, 71.2611, 66.6076

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.1742, 70.9045, 49.9263 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, 211, 174)` looks like.

```
.text, #text, p{  
    color:rgb(255, 211, 174)  
}
```

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, 211, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 211, 174) }
```

Border

The CSS property to change the border of an element to XYZ 72.1742, 70.9045, 49.9263 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, 211, 174) }
```


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

```
.border{ border-color:rgb(255, 211, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 211, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 211, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 211, 174);  
box-shadow:4px 4px 4px 4px rgb(255, 211,  
174) }
```

Background

The CSS property to change the background color of an element to XYZ 72.1742, 70.9045, 49.9263 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 211, 174) }
```

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

```
.background{ background-color: rgb(255,  
211, 174) }
```

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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