

Converting Colors

XYZ(71.2581, 70.4754, 49.2741)

Have a look what the booklet for
XYZ(71.2581, 70.4754, 49.2741)
contains.

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Color

**XYZ(71.3451, 70.4883,
49.3805)**

Conversions

Conversions Part 1

Format	Color
Hex	FDD3AD
RGB	253, 211, 173
RGB Percent	99%, 83%, 68%
CMY	0.0078, 0.1725, 0.3216
CMYK	0.00, 0.17, 0.32, 0.01
HSL	29°, 95%, 84%
HSV	29°, 32%, 99%
XYZ	71.3451, 70.4883, 49.3805
YIQ	219.2260, 37.2300, -2.9140

Conversions

Conversions Part 2

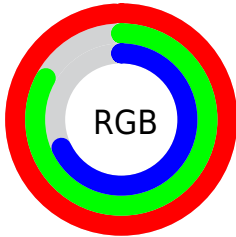
Format	Color
R _Y B	253, 245, 173
Decimal	16634797
CIE Lab	87.24, 9.43, 24.33
CIE LCh	87, 26.094, 68.826
Yxy	70.4883, 0.3731, 0.3686
Android (android.graphics.Color)	4294824877 (0xFFFD3AD)
YUV	219.2260, -22.7894, 29.6198
Hunter-Lab	83.9573, 4.7601, 23.8980

Details

The XYZ color **71.3451, 70.4883, 49.3805** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **59.2630, 64.5750, 102.2694**, and the grayscale version is **67.6255, 71.1473, 77.4794**.

A 20% lighter version of the original color is **91.1429, 98.4371, 88.3253**, and **37.9528, 37.0721, 22.9246** is the 20% darker color. If you saturate the color by 10%, you get **65.9612, 63.2742, 36.6300**, and if you desaturate by 10%, it is **77.4689, 78.4397, 64.6661**.

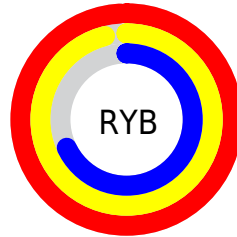
Distribution



Red (99%)

Green (83%)

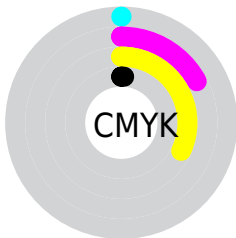
Blue (68%)



Red (99%)

Yellow (96%)

Blue (68%)

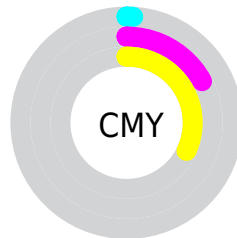


Cyan (0%)

Magenta (17%)

Yellow (32%)

Black (1%)



Cyan (1%)


Magenta (17%)


Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 71.3451, 70.4883, 49.3805 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 71.3451, 70.4883, 49.3805 by changing the saturation by 10% instead.


 71.3451, 70.4883,
49.3805

 71.3451, 70.4883,
49.3805


454.4520,
462.2627, 400.9038

 52.9074, 51.9247,
34.5537

 120.1408,
119.9048, 90.6431

 37.9560, 36.9451,
23.0385

151.2296,
151.5266, 117.9161

 26.1256, 25.1650,
14.4164

187.2661,
188.2699, 150.1748

 17.0508, 16.2000,
8.2688

228.6157,
230.5190, 187.8378

 10.3663, 9.6658,
4.1772

275.6437,
278.6585, 231.3236

 5.7066, 5.1779,
1.7230

328.7155,

 2.7065, 2.3520,

333.0727, 281.0509

0.3764

388.1965,
394.1459, 337.4381

■ 1.0005, 0.8010,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 71.3451, 70.4883,
49.3805

■ 71.3451, 70.4883,
49.3805

■ 65.9612, 63.2742,
36.6300

■ 77.4689, 78.4397,
64.6661

■ 61.2789, 56.7638,
26.2699

■ 84.3576, 87.1407,
82.6120

■ 57.2644, 50.9354,
18.1475

■ 92.0416, 96.6161,
103.3400

■ 53.8782, 45.7618,
12.0903

■ 94.3181, 99.6227,
108.8657

■ 51.0759, 41.2133,
7.8999

■ 48.8048, 37.2566,
5.3383

■ 47.2476, 34.3618,
4.1423

Harmonies

Analogous

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



76.6051, 70.4883, 57.4725



71.3451, 70.4883, 49.3805



65.2049, 70.4883, 47.9931

Triad

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



71.3451, 70.4883, 49.3805



56.0121, 70.4883, 82.0462



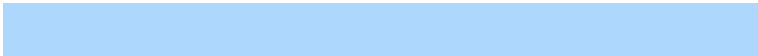
74.6615, 70.4883, 106.1646

Complementary

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



71.3451, 70.4883, 49.3805



59.2630, 64.5750, 102.2694

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.



68.8217, 70.4883, 115.1706



71.3451, 70.4883, 49.3805



58.2279, 70.4883, 99.9174

Square

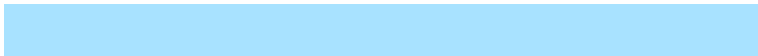
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



71.3451, 70.4883, 49.3805



56.5965, 70.4883, 65.1915



62.8293, 70.4883, 112.7249



78.5995, 70.4883, 89.5993

Rectangle

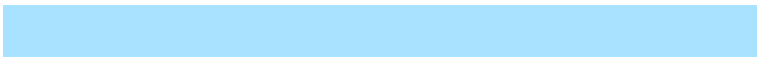
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



71.3451, 70.4883, 49.3805



61.4734, 70.4883, 50.8129



62.8293, 70.4883, 112.7249



72.8419, 70.4883, 110.2830

Sweetspot

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



71.3469, 70.4916, 49.3819



87.8491, 91.1620, 89.3470



67.8037, 55.7112, 71.9204



18.5676, 19.2196, 18.4945



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.



71.3469, 70.4916, 49.3819



69.0449, 66.9815, 41.6826



82.3404, 92.4786, 53.0464



18.7211, 19.4105, 18.9042



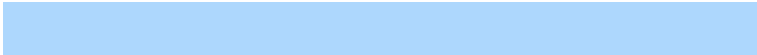
25.2776, 18.5665, 2.2514



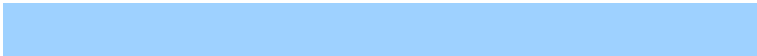
2.5697, 2.0247, 0.2554

Inverse Universe

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



59.2630, 64.5750, 102.2694



54.9624, 60.0835, 103.3082



50.4240, 46.8971, 99.3231



17.7922, 18.9559, 22.9711



14.0265, 12.9626, 51.1973



1.4752, 1.4810, 5.0214

Previews

White Background



This preview shows how the XYZ color 71.3451, 70.4883, 49.3805 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 71.3451, 70.4883, 49.3805 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

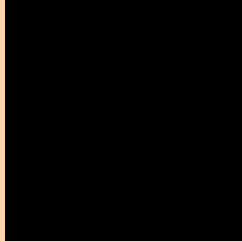
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 71.3451, 70.4883, 49.3805

Background



This preview shows how black text looks on a background with the XYZ color 71.3451, 70.4883, 49.3805.



This preview shows how white text looks on a background with the XYZ color 71.3451, 70.4883,

49.3805.

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

71.3451, 70.4883, 49.3805

Protanopia

66.1866, 70.4332, 51.1809

Deuteranopia

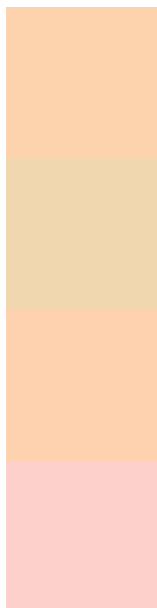
71.9266, 70.4092, 49.8438



Tritanopia

76.2296, 70.5699, 77.3138

Trichromacy



Original Color

71.3451, 70.4883, 49.3805

Protanomaly

67.9735, 70.2213, 50.5289

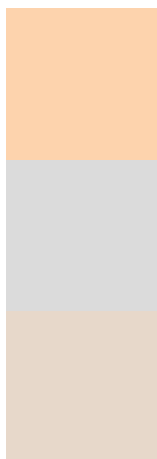
Deuteranomaly

71.5596, 70.2200, 49.8266

Tritanomaly

74.2084, 70.4944, 66.1955

Monochromacy



Original Color

71.3451, 70.4883, 49.3805

Achromatopsia

67.3311, 70.8376, 77.1421

Achromatomaly

68.1715, 70.3649, 65.8659

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.3451, 70.4883, 49.3805 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(253, 211, 173)` looks like.

```
.text, #text, p{  
    color:rgb(253, 211, 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(253, 211, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 211, 173) }
```

Border

The CSS property to change the border of an element to XYZ 71.3451, 70.4883, 49.3805 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(253, 211, 173) }
```


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

```
.border{ border-color:rgb(253, 211, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 211, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 211, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 211, 173);  
box-shadow:4px 4px 4px 4px rgb(253, 211,  
173) }
```

Background

The CSS property to change the background color of an element to XYZ 71.3451, 70.4883, 49.3805 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 211, 173) }
```

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

```
.background{ background-color: rgb(253,  
211, 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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