

Converting Colors

XYZ(77.9651, 72.4598, 53.2712)

Have a look what the booklet for
XYZ(77.9651, 72.4598, 53.2712)
contains.

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Color

**XYZ(71.7910, 69.1809,
52.7495)**

Conversions

Conversions Part 1

Format	Color
Hex	FFCFB4
RGB	255, 207, 180
RGB Percent	100%, 81%, 71%
CMY	0.0000, 0.1882, 0.2941
CMYK	0.00, 0.19, 0.29, 0.00
HSL	22°, 100%, 85%
HSV	22°, 29%, 100%
XYZ	71.7910, 69.1809, 52.7495
YIQ	218.2740, 37.2750, 1.7790

Conversions

Conversions Part 2

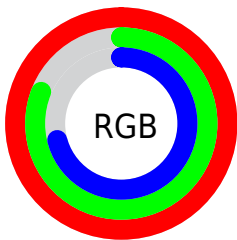
Format	Color
R_{YB}	255, 222, 180
Decimal	16764852
CIE _{Lab}	86.59, 13.14, 19.81
CIE _{LCh}	87, 23.768, 56.443
Yxy	69.1809, 0.3706, 0.3571
Android (android.graphics.Color)	4294954932 (0xFFFFCFB4)
YUV	218.2740, -18.8691, 32.2087
Hunter-Lab	83.1751, 8.5126, 20.6209

Details

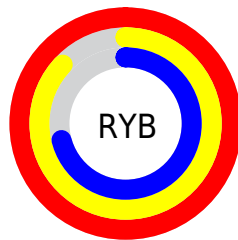
The XYZ color **71.7910, 69.1809, 52.7495** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **64.6149, 72.4078, 105.1783**, and the grayscale version is **66.9392, 70.4253, 76.6931**.

A 20% lighter version of the original color is **92.1403, 98.8361, 93.5778**, and **38.2480, 36.1851, 25.0472** is the 20% darker color. If you saturate the color by 10%, you get **65.6775, 60.7356, 39.0530**, and if you desaturate by 10%, it is **78.7946, 78.6410, 69.1020**.

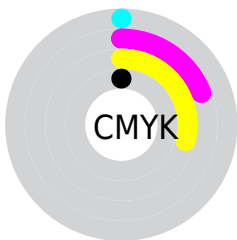
Distribution



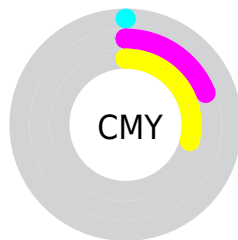
- Red (100%)
- Green (81%)
- Blue (71%)



- Red (100%)
- Yellow (87%)
- Blue (71%)



- Cyan (0%)
- Magenta (19%)
- Yellow (29%)
- Black (0%)





- Cyan (0%)
- Magenta (19%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 71.7910, 69.1809, 52.7495 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 71.7910, 69.1809, 52.7495 by changing the saturation by 10% instead.


 71.7910, 69.1809,
52.7495

 71.7910, 69.1809,
52.7495


455.9827,
457.6687, 414.3623

 53.2728, 50.8590,
37.2165


 120.7718,
118.0399, 95.6735

 38.2490, 36.0964,
25.0780

151.9650,
149.3459, 123.9015

 26.3541, 24.5087,
15.9157


188.1141,
185.7487, 157.1983

 17.2228, 15.7114,
9.3108

229.5842,
227.6327, 195.9823

 10.4897, 9.3202,
4.8449

276.7407,
275.3823, 240.6722

 5.7896, 4.9506,
2.0994

329.9491,

 2.7570, 2.2183,

329.3819, 291.6865

0.6154

389.5747,
390.0159, 349.4437

■ 1.0266, 0.7299,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 71.7910, 69.1809,
52.7495

■ 71.7910, 69.1809,
52.7495

■ 65.6775, 60.7356,
39.0530

■ 78.7946, 78.6410,
69.1020

■ 60.4102, 53.2603,
27.8658

■ 86.7191, 89.1397,
88.2377

■ 55.9491, 46.7207,
19.0336

95.0500, 100.0000,
108.9000

■ 52.2486, 41.0769,
12.3829

■ 49.2575, 36.2851,
7.7159

■ 46.9168, 32.2971,
4.7982

■ 45.1432, 29.0532,
3.2716

■ 45.0514, 28.8828,
3.2005

Harmonies

Analogous

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



75.7120, 69.1809, 62.5973



71.7910, 69.1809, 52.7495



66.4143, 69.1809, 48.9023

Triad

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



71.7910, 69.1809, 52.7495



55.7297, 69.1809, 73.4581



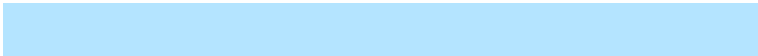
70.5897, 69.1809, 105.9169

Complementary

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



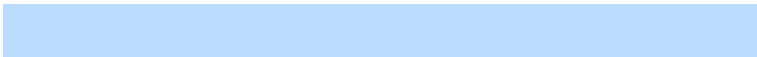
71.7910, 69.1809, 52.7495



64.6149, 72.4078, 105.1783

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.



65.0988, 69.1809, 109.8792



71.7910, 69.1809, 52.7495



56.7105, 69.1809, 89.6734

Square

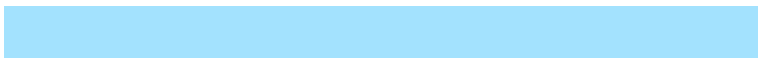
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



71.7910, 69.1809, 52.7495



57.3086, 69.1809, 59.7573



60.0660, 69.1809, 103.5700



74.9916, 69.1809, 93.3887

Rectangle

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



71.7910, 69.1809, 52.7495



62.7986, 69.1809, 49.7950



60.0660, 69.1809, 103.5700



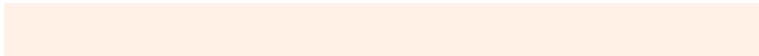
68.8015, 69.1809, 108.3641

Sweetspot

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



71.7928, 69.1841, 52.7509



87.0651, 89.5940, 89.0857



71.6697, 59.5464, 81.6625



18.3749, 18.8344, 18.4303



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.



71.7928, 69.1841, 52.7509



68.2681, 64.3402, 44.7771



81.7540, 89.1065, 56.0713



18.5447, 19.0575, 18.8454



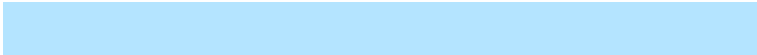
23.6685, 15.3483, 1.7150



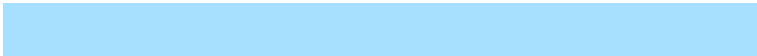
2.4036, 1.6926, 0.2000

Inverse Universe

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



64.6149, 72.4078, 105.1783



60.0748, 68.0026, 104.5673



55.5585, 54.2949, 102.1595



17.9725, 19.3167, 23.0312



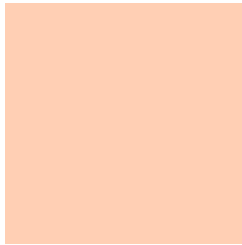
16.4386, 17.7868, 52.0014



1.7042, 1.9391, 5.0977

Previews

White Background



This preview shows how the XYZ color 71.7910, 69.1809, 52.7495 looks on a white background.

Color Contrast Check

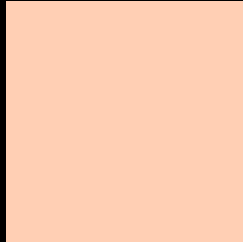
Large Text (above 18pt) WCAG AA × Fail

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 71.7910, 69.1809, 52.7495 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

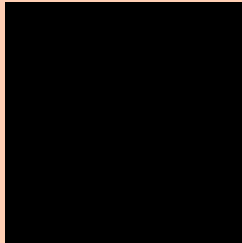
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 71.7910, 69.1809, 52.7495

Background



This preview shows how black text looks on a background with the XYZ color 71.7910, 69.1809, 52.7495.



This preview shows how white text looks on a background with the XYZ color 71.7910, 69.1809,

52.7495.

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

71.7910, 69.1809, 52.7495

Protanopia

65.3077, 69.1085, 55.7961

Deuteranopia

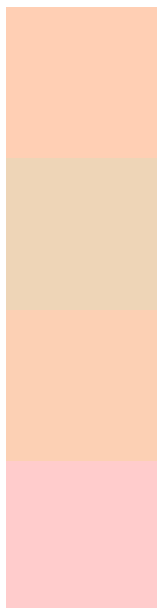
70.8223, 69.4054, 52.8439



Tritanopia

75.1203, 68.9816, 75.0012

Trichromacy



Original Color

71.7910, 69.1809, 52.7495

Protanomaly

67.6014, 69.1845, 54.5907

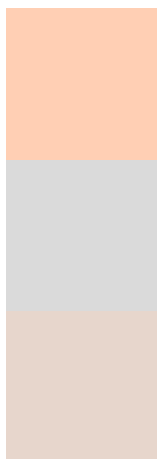
Deuteranomaly

70.9390, 69.1025, 52.7792

Tritanomaly

73.7319, 68.8054, 66.5214

Monochromacy



Original Color

71.7910, 69.1809, 52.7495

Achromatopsia

66.6397, 70.1102, 76.3500

Achromatomaly

67.9006, 69.4417, 66.9516

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.7910, 69.1809, 52.7495 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, 207, 180)` looks like.

```
.text, #text, p{  
    color:rgb(255, 207, 180)  
}
```

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, 207, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 207, 180) }
```

Border

The CSS property to change the border of an element to XYZ 71.7910, 69.1809, 52.7495 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, 207, 180) }
```


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

```
.border{ border-color:rgb(255, 207, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 207, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 207, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 207, 180);  
box-shadow:4px 4px 4px 4px rgb(255, 207,  
180) }
```

Background

The CSS property to change the background color of an element to XYZ 71.7910, 69.1809, 52.7495 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 207, 180) }
```

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

```
.background{ background-color: rgb(255,  
207, 180) }
```

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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