

Converting Colors

XYZ(132.6860, 100.0000,
54.1572)

Have a look what the booklet for
XYZ(132.6860, 100.0000, 54.1572)
contains.

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Color

**XYZ(71.0071, 68.0970,
50.9965)**

Conversions

Conversions Part 1

Format	Color
Hex	FFCDB1
RGB	255, 205, 177
RGB Percent	100%, 80%, 69%
CMY	0.0000, 0.1961, 0.3059
CMYK	0.00, 0.20, 0.31, 0.00
HSL	22°, 100%, 85%
HSV	22°, 31%, 100%
XYZ	71.0071, 68.0970, 50.9965
YIQ	216.7580, 38.7880, 1.8920

Conversions

Conversions Part 2

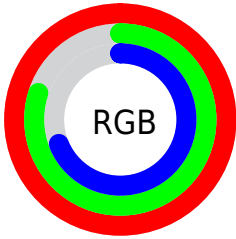
Format	Color
R _Y B	255, 221, 177
Decimal	16764337
CIE Lab	86.05, 13.80, 20.64
CIE LCh	86, 24.825, 56.237
Yxy	68.0970, 0.3735, 0.3582
Android (android.graphics.Color)	4294954417 (0xFFFFCDB1)
YUV	216.7580, -19.6007, 33.5382
Hunter-Lab	82.5209, 9.1830, 21.1244

Details

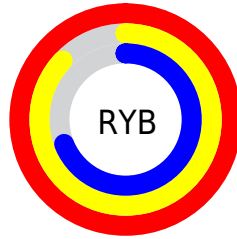
The XYZ color **71.0071, 68.0970, 50.9965** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **63.6496, 71.5028, 105.0545**, and the grayscale version is **65.9005, 69.3324, 75.5030**.

A 20% lighter version of the original color is **91.7080, 98.6632, 91.3012**, and **37.7307, 35.4588, 23.9244** is the 20% darker color. If you saturate the color by 10%, you get **64.9918, 59.7607, 37.6017**, and if you desaturate by 10%, it is **77.9094, 77.4465, 67.0314**.

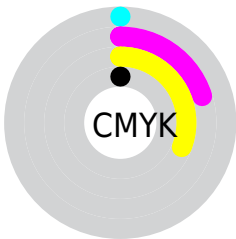
Distribution



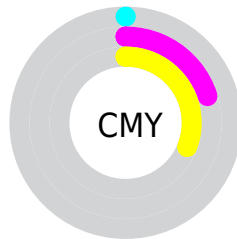
- Red (100%)
- Green (80%)
- Blue (69%)



- Red (100%)
- Yellow (87%)
- Blue (69%)



- Cyan (0%)
- Magenta (20%)
- Yellow (31%)
- Black (0%)





- Cyan (0%)
- Magenta (20%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 71.0071, 68.0970, 50.9965 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 71.0071, 68.0970, 50.9965 by changing the saturation by 10% instead.


 71.0071, 68.0970,
50.9965

 71.0071, 68.0970,
50.9965


453.2897,
453.8396, 407.3964

 52.6305, 49.9767,
35.8291


 119.6623,
116.4909, 93.0610

 37.7342, 35.3948,
24.0136

150.6716,
147.5332, 120.7953

 25.9527, 23.9672,
15.1314


186.6226,
183.6517, 153.5556

 16.9208, 15.3093,
8.7640

227.8806,
225.2307, 191.7604

 10.2730, 9.0367,
4.4929

274.8110,
272.6546, 235.8284

 5.6440, 4.7652,
1.8994

327.7790,

 2.6684, 2.1101,

326.3077, 286.1780

0.4924

387.1502,
386.5746, 343.2278

■ 0.9809, 0.6703,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 71.0071, 68.0970,
50.9965

■ 71.0071, 68.0970,
50.9965

■ 64.9918, 59.7607,
37.6017

■ 77.9094, 77.4465,
67.0314

■ 59.8191, 52.3926,
26.6992

■ 85.7297, 87.8333,
85.8350

■ 55.4486, 45.9579,
18.1326

94.5040, 99.2926,
107.5325

■ 51.8340, 40.4160,
11.7260

95.0500, 100.0000,
108.9000

■ 48.9234, 35.7227,
7.2782

■ 46.6564, 31.8289,
4.5488

■ 45.0288, 28.8377,
3.1929

Harmonies

Analogous

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



75.0591, 68.0970, 61.1194



71.0071, 68.0970, 50.9965



65.4459, 68.0970, 47.0326

Triad

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



71.0071, 68.0970, 50.9965



54.3940, 68.0970, 72.1056



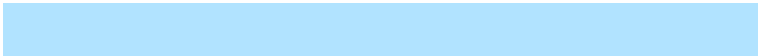
69.6904, 68.0970, 106.0081

Complementary

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



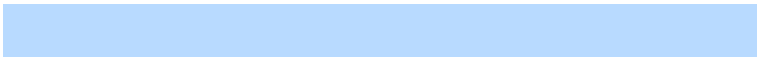
71.0071, 68.0970, 50.9965



63.6496, 71.5028, 105.0545

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.



64.0077, 68.0970, 110.0768



71.0071, 68.0970, 50.9965



55.3843, 68.0970, 88.9035

Square

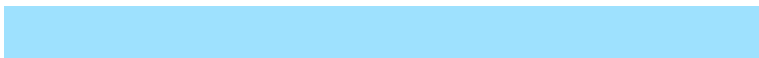
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



71.0071, 68.0970, 50.9965



56.0350, 68.0970, 58.0367



58.8232, 68.0970, 103.4159



74.2681, 68.0970, 92.9905

Rectangle

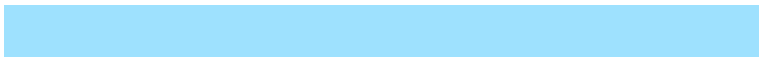
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



71.0071, 68.0970, 50.9965



61.7082, 68.0970, 47.9122



58.8232, 68.0970, 103.4159



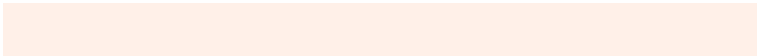
67.8368, 68.0970, 108.5429

Sweetspot

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



71.0089, 68.1002, 50.9979



87.0581, 89.5801, 89.0834



70.9245, 58.2897, 80.6939



18.3732, 18.8310, 18.4297



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.



71.0089, 68.1002, 50.9979



67.0512, 62.6390, 42.1132



81.3165, 88.7154, 54.4338



18.5431, 19.0544, 18.8449



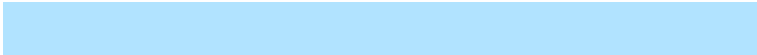
23.6565, 15.3242, 1.7110



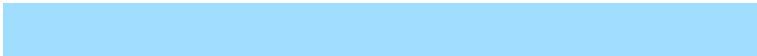
2.4023, 1.6900, 0.1996

Inverse Universe

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



63.6496, 71.5028, 105.0545



58.5667, 66.5392, 104.3643



54.3153, 52.8341, 101.9430



17.9741, 19.3199, 23.0317



16.4628, 17.8352, 52.0094



1.7064, 1.9436, 5.0985

Previews

White Background



This preview shows how the XYZ color 71.0071, 68.0970, 50.9965 looks on a white background.

Color Contrast Check

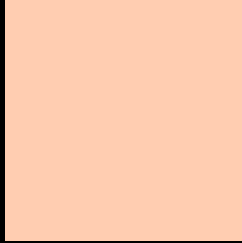
Large Text (above 18pt) WCAG AA × Fail

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 71.0071, 68.0970, 50.9965 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

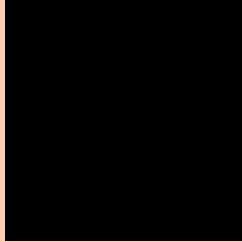
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 71.0071, 68.0970, 50.9965

Background



This preview shows how black text looks on a background with the XYZ color 71.0071, 68.0970, 50.9965.



This preview shows how white text looks on a background with the XYZ color 71.0071, 68.0970,

50.9965.

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

71.0071, 68.0970, 50.9965

Protanopia

64.4225, 68.3092, 54.0455

Deuteranopia

69.6730, 68.1240, 51.0721



Tritanopia

74.3924, 67.9396, 73.4827

Trichromacy



Original Color

71.0071, 68.0970, 50.9965

Protanomaly

66.4575, 67.8883, 52.7811

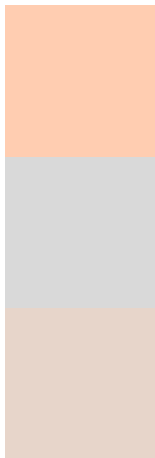
Deuteranomaly

70.1520, 68.0124, 51.0253

Tritanomaly

72.9031, 67.7181, 64.4868

Monochromacy



Original Color

71.0071, 68.0970, 50.9965

Achromatopsia

65.9525, 69.3872, 75.5626

Achromatomaly

67.4099, 68.8417, 65.6120

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.0071, 68.0970, 50.9965 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, 205, 177)` looks like.

```
.text, #text, p{  
    color:rgb(255, 205, 177)  
}
```

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, 205, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 205, 177) }
```

Border

The CSS property to change the border of an element to XYZ 71.0071, 68.0970, 50.9965 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, 205, 177) }
```


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

```
.border{ border-color:rgb(255, 205, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 205, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 205, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 205, 177);  
box-shadow:4px 4px 4px 4px rgb(255, 205,  
177) }
```

Background

The CSS property to change the background color of an element to XYZ 71.0071, 68.0970, 50.9965 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 205, 177) }
```

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

```
.background{ background-color: rgb(255,  
205, 177) }
```

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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