

Converting Colors

XYZ(71.2015, 68.7163, 50.3502)

Have a look what the booklet for
XYZ(71.2015, 68.7163, 50.3502)
contains.

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Color

**XYZ(71.1478, 68.5372,
50.5534)**

Conversions

Conversions Part 1

Format	Color
Hex	FFCEB0
RGB	255, 206, 176
RGB Percent	100%, 81%, 69%
CMY	0.0000, 0.1921, 0.3098
CMYK	0.00, 0.19, 0.31, 0.00
HSL	23°, 100%, 85%
HSV	23°, 31%, 100%
XYZ	71.1478, 68.5372, 50.5534
YIQ	217.2310, 38.8340, 1.0580

Conversions

Conversions Part 2

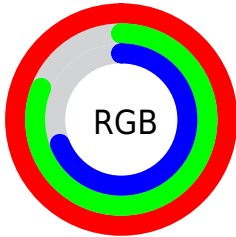
Format	Color
R _Y B	255, 224, 176
Decimal	16764592
CIE Lab	86.27, 13.15, 21.47
CIE LCh	86, 25.175, 58.510
Yxy	68.5372, 0.3740, 0.3603
Android (android.graphics.Color)	4294954672 (0xFFFFCEB0)
YUV	217.2310, -20.3269, 33.1234
Hunter-Lab	82.7872, 8.5263, 21.7460

Details

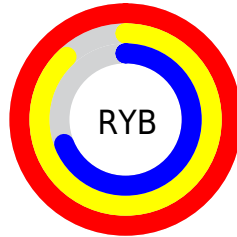
The XYZ color **71.1478, 68.5372, 50.5534** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **62.8788, 70.2982, 104.8626**, and the grayscale version is **66.2296, 69.6787, 75.8801**.

A 20% lighter version of the original color is **91.5655, 98.6062, 90.5508**, and **37.8293, 35.7568, 23.6468** is the 20% darker color. If you saturate the color by 10%, you get **65.2405, 60.3882, 37.2840**, and if you desaturate by 10%, it is **77.9155, 77.6483, 66.4493**.

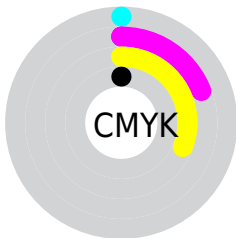
Distribution



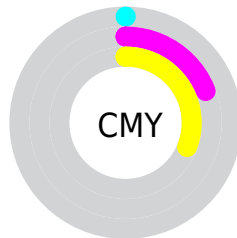
- Red (100%)
- Green (81%)
- Blue (69%)



- Red (100%)
- Yellow (88%)
- Blue (69%)



- Cyan (0%)
- Magenta (19%)
- Yellow (31%)
- Black (0%)





- Cyan (0%)
- Magenta (19%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 71.1478, 68.5372, 50.5534 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 71.1478, 68.5372, 50.5534 by changing the saturation by 10% instead.


 71.1478, 68.5372,
50.5534

 71.1478, 68.5372,
50.5534

453.7737,
455.3970, 405.6230

 52.7458, 50.3349,
35.4791


 119.8615,
117.1203, 92.3990

 37.8265, 35.6796,
23.7456


150.9039,
148.2699, 120.0074

 26.0247, 24.1868,
14.9346


186.8906,
184.5041, 152.6308

 16.9749, 15.4723,
8.6274

228.1867,
226.2072, 190.6878

 10.3118, 9.1515,
4.4055

275.1577,
273.7636, 234.5970

 5.6700, 4.8401,
1.8503

328.1690,

 2.6842, 2.1538,

327.5578, 284.7770

0.4608

387.5859,
387.9741, 341.6461

■ 0.9891, 0.6946,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 71.1478, 68.5372,
50.5534

■ 71.1478, 68.5372,
50.5534

■ 65.2405, 60.3882,
37.2840

■ 77.9155, 77.6483,
66.4493

■ 60.1507, 53.1587,
26.4930

■ 85.5740, 87.7434,
85.1002

■ 55.8392, 46.8164,
18.0240

■ 94.1580, 98.8555,
106.6312

■ 52.2607, 41.3236,
11.7007

■ 95.0500, 100.0000,
108.9000

■ 49.3646, 36.6389,
7.3211

■ 47.0920, 32.7165,
4.6436

■ 45.5011, 29.7822,
3.3504

Harmonies

Analogous

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



75.4499, 68.5372, 60.3852



71.1478, 68.5372, 50.5534



65.4332, 68.5372, 47.0168

Triad

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



71.1478, 68.5372, 50.5534



54.6107, 68.5372, 73.7974



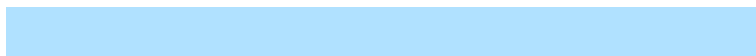
70.6161, 68.5372, 106.3829

Complementary

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



71.1478, 68.5372, 50.5534



62.8788, 70.2982, 104.8626

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.



64.8528, 68.5372, 111.3542



71.1478, 68.5372, 50.5534



55.8194, 68.5372, 90.9448

Square

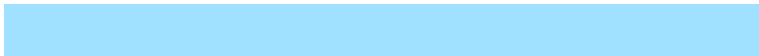
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



71.1478, 68.5372, 50.5534



56.0816, 68.5372, 59.1439



59.4851, 68.5372, 105.3337



75.1303, 68.5372, 92.5970

Rectangle

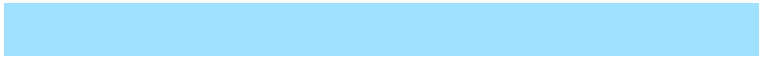
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



71.1478, 68.5372, 50.5534



61.6633, 68.5372, 48.2345



59.4851, 68.5372, 105.3337



68.7503, 68.5372, 109.2229

Sweetspot

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



71.1495, 68.5403, 50.5548



87.1989, 89.8616, 89.1303



70.4978, 57.8042, 79.4176



18.4078, 18.9000, 18.4412



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.



71.1495, 68.5403, 50.5548



67.4918, 63.5201, 42.2600



81.5680, 89.3774, 54.0276



18.5748, 19.1177, 18.8554



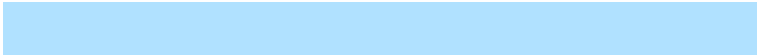
23.9077, 15.8267, 1.7948



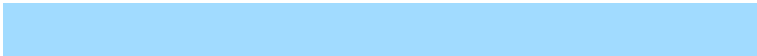
2.4292, 1.7437, 0.2085

Inverse Universe

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



62.8788, 70.2982, 104.8626



58.0520, 65.5097, 104.1927



53.6267, 51.7939, 101.7785



17.9414, 19.2543, 23.0208



15.9821, 16.8737, 51.8492



1.6616, 1.8539, 5.0835

Previews

White Background



This preview shows how the XYZ color 71.1478, 68.5372, 50.5534 looks on a white background.

Color Contrast Check

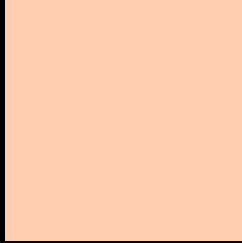
Large Text (above 18pt) WCAG AA × Fail

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 71.1478, 68.5372, 50.5534 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 71.1478, 68.5372, 50.5534

Background



This preview shows how black text looks on a background with the XYZ color 71.1478, 68.5372, 50.5534.



This preview shows how white text looks on a background with the XYZ color 71.1478, 68.5372,

50.5534.

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

71.1478, 68.5372, 50.5534

Protanopia

64.8913, 68.9419, 53.6030

Deuteranopia

70.1760, 68.7556, 50.6468



Tritanopia

74.7552, 68.4589, 74.2396

Trichromacy



Original Color

71.1478, 68.5372, 50.5534

Protanomaly

66.9401, 68.5188, 52.3452

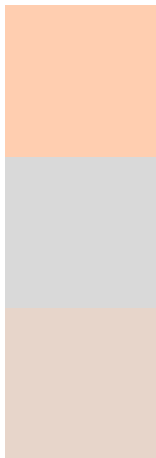
Deuteranomaly

70.2942, 68.4557, 50.5827

Tritanomaly

73.1386, 68.1889, 64.5653

Monochromacy



Original Color

71.1478, 68.5372, 50.5534

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 71.1478, 68.5372, 50.5534 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, 206, 176)` looks like.

```
.text, #text, p{  
    color:rgb(255, 206, 176)  
}
```

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, 206, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 206, 176) }
```

Border

The CSS property to change the border of an element to XYZ 71.1478, 68.5372, 50.5534 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, 206, 176) }
```


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

```
.border{ border-color:rgb(255, 206, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 206, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 206, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 206, 176);  
box-shadow:4px 4px 4px 4px rgb(255, 206,  
176) }
```

Background

The CSS property to change the background color of an element to XYZ 71.1478, 68.5372, 50.5534 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 206, 176) }
```

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

```
.background{ background-color: rgb(255,  
206, 176) }
```

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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