

Converting Colors

XYZ(71.7300, 68.3296, 54.9773)

Have a look what the booklet for
XYZ(71.7300, 68.3296, 54.9773)
contains.

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Color

**XYZ(71.7231, 68.3833,
54.7665)**

Conversions

Conversions Part 1

Format	Color
Hex	FFCDB8
RGB	255, 205, 184
RGB Percent	100%, 80%, 72%
CMY	0.0000, 0.1961, 0.2784
CMYK	0.00, 0.20, 0.28, 0.00
HSL	18°, 100%, 86%
HSV	18°, 28%, 100%
XYZ	71.7231, 68.3833, 54.7665
YIQ	217.5560, 36.5410, 4.0690

Conversions

Conversions Part 2

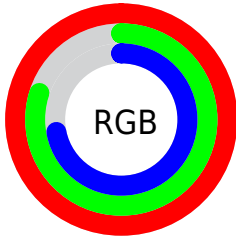
Format	Color
R _Y B	255, 214, 184
Decimal	16764344
CIE Lab	86.20, 14.70, 17.15
CIE LCh	86, 22.587, 49.393
Yxy	68.3833, 0.3681, 0.3509
Android (android.graphics.Color)	4294954424 (0xFFFFCDB8)
YUV	217.5560, -16.5431, 32.8384
Hunter-Lab	82.6942, 10.1034, 18.6195

Details

The XYZ color **71.7231, 68.3833, 54.7665** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **67.2391, 76.2536, 105.7823**, and the grayscale version is **66.4289, 69.8884, 76.1084**.

A 20% lighter version of the original color is **92.7282, 99.0713, 96.6734**, and **38.1893, 35.6422, 26.3396** is the 20% darker color. If you saturate the color by 10%, you get **65.2358, 59.3079, 40.5839**, and if you desaturate by 10%, it is **79.1884, 78.6435, 71.6538**.

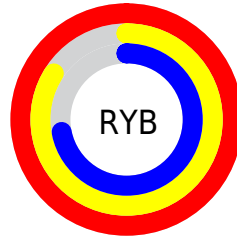
Distribution



Red (100%)

Green (80%)

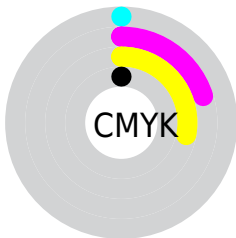
Blue (72%)



Red (100%)

Yellow (84%)

Blue (72%)

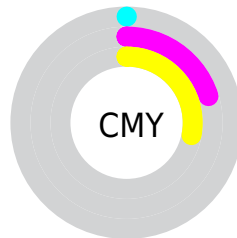


Cyan (0%)

Magenta (20%)

Yellow (28%)

Black (0%)



Cyan (0%)


Magenta (20%)


Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 71.7231, 68.3833, 54.7665 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 71.7231, 68.3833, 54.7665 by changing the saturation by 10% instead.


 71.7231, 68.3833,
54.7665

 71.7231, 68.3833,
54.7665


455.7498,
454.8529, 422.2832

 53.2172, 50.2096,
38.8175


 120.6757,
116.9003, 98.6665

 38.2043, 35.5800,
26.3110


151.8531,
148.0124, 127.4545

 26.3192, 24.1100,
16.8286


187.9850,
184.2062, 161.3593

 17.1966, 15.4152,
9.9517

229.4368,
225.8659, 200.7993

 10.4709, 9.1113,
5.2618

276.5738,
273.3761, 246.1932

 5.7769, 4.8139,
2.3402

329.7614,

 2.7493, 2.1385,

327.1210, 297.9594

0.7536

389.3650,
387.4852, 356.5166

■ 1.0226, 0.6861,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 71.7231, 68.3833,
54.7665

■ 71.7231, 68.3833,
54.7665

■ 65.2358, 59.3079,
40.5839

■ 79.1884, 78.6435,
71.6538

■ 59.6793, 51.3645,
28.9598

■ 87.6667, 90.1204,
91.3729

■ 55.0092, 44.5099,
19.7407

95.0500, 100.0000,
108.9000

■ 51.1756, 38.6943,
12.7545

■ 48.1227, 33.8636,
7.8060

■ 45.7871, 29.9584,
4.6657

■ 44.0889, 26.9095,
3.0283

■ 43.7861, 26.3521,
2.7787

Harmonies

Analogous

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



74.8904, 68.3833, 65.3491



71.7231, 68.3833, 54.7665



66.8540, 68.3833, 49.7109

Triad

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



71.7231, 68.3833, 54.7665



55.6562, 68.3833, 69.3108



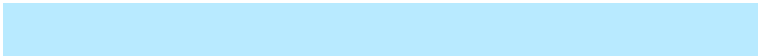
68.3729, 68.3833, 104.8636

Complementary

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



71.7231, 68.3833, 54.7665



67.2391, 76.2536, 105.7823

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.



63.1733, 68.3833, 106.2967



71.7231, 68.3833, 54.7665



56.0144, 68.3833, 84.3759

Square

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



71.7231, 68.3833, 54.7665



57.6976, 68.3833, 57.3331



58.7038, 68.3833, 98.3801



72.8859, 68.3833, 94.6921

Rectangle

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



71.7231, 68.3833, 54.7665



63.3781, 68.3833, 49.6305



58.7038, 68.3833, 98.3801



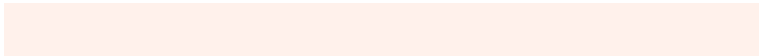
66.6417, 68.3833, 106.4302

Sweetspot

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



71.7247, 68.3864, 54.7679



87.5251, 89.9299, 91.0398



73.3594, 61.5331, 86.5199



18.4473, 18.8627, 18.8129



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.



71.7247, 68.3864, 54.7679



68.2589, 63.5596, 47.1238



80.9394, 86.8157, 57.8394



18.4473, 18.8627, 18.8129



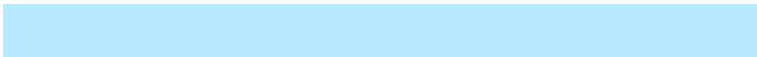
22.9913, 13.9937, 1.4893



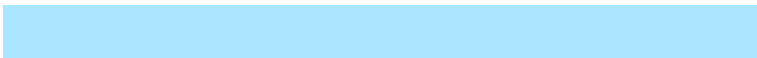
2.3286, 1.5427, 0.1750

Inverse Universe

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



67.2391, 76.2536, 105.7823



63.1379, 72.5130, 105.2764



58.3296, 58.4346, 102.8125



18.0744, 19.5205, 23.0652



18.0495, 21.0085, 52.5383



1.8525, 2.2357, 5.1472

Previews

White Background



This preview shows how the XYZ color 71.7231, 68.3833, 54.7665 looks on a white background.

Color Contrast Check

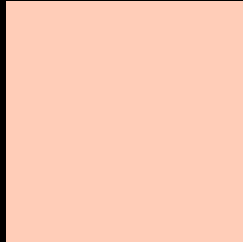
Large Text (above 18pt) WCAG AA × Fail

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 71.7231, 68.3833, 54.7665 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 71.7231, 68.3833, 54.7665

Background



This preview shows how black text looks on a background with the XYZ color 71.7231, 68.3833, 54.7665.



This preview shows how white text looks on a background with the XYZ color 71.7231, 68.3833,

54.7665.

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

71.7231, 68.3833, 54.7665

Protanopia

64.8498, 68.4438, 57.9371

Deuteranopia

69.8145, 68.4871, 54.3395



Tritanopia

74.7552, 68.4589, 74.2396

Trichromacy



Original Color

71.7231, 68.3833, 54.7665

Protanomaly

67.1890, 68.1809, 56.6327

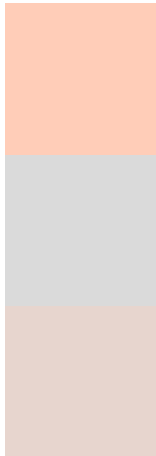
Deuteranomaly

70.6437, 68.5538, 54.3086

Tritanomaly

73.4950, 68.3315, 66.4424

Monochromacy



Original Color

71.7231, 68.3833, 54.7665

Achromatopsia

66.6397, 70.1102, 76.3500

Achromatomaly

67.8898, 69.0337, 68.1392

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.7231, 68.3833, 54.7665 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, 184)` looks like.

```
.text, #text, p{  
    color:rgb(255, 205, 184)  
}
```

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, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 205, 184) }
```

Border

The CSS property to change the border of an element to XYZ 71.7231, 68.3833, 54.7665 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, 184) }
```


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

```
.border{ border-color:rgb(255, 205, 184) }
```

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, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 205, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 205, 184);  
box-shadow:4px 4px 4px 4px rgb(255, 205,  
184) }
```

Background

The CSS property to change the background color of an element to XYZ 71.7231, 68.3833, 54.7665 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, 184) }
```

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

```
.background{ background-color: rgb(255,  
205, 184) }
```

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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