

Converting Colors

XYZ(133.7918, 103.3994,
54.1361)

Have a look what the booklet for
XYZ(133.7918, 103.3994, 54.1361)
contains.

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Color

**XYZ(72.8707, 71.9831,
51.1277)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD5B0
RGB	255, 213, 176
RGB Percent	100%, 84%, 69%
CMY	0.0000, 0.1647, 0.3098
CMYK	0.00, 0.16, 0.31, 0.00
HSL	28°, 100%, 85%
HSV	28°, 31%, 100%
XYZ	72.8707, 71.9831, 51.1277
YIQ	221.3400, 36.9090, -2.6030

Conversions

Conversions Part 2

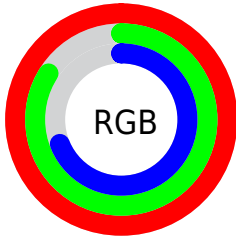
Format	Color
R _Y B	255, 246, 176
Decimal	16766384
CIE Lab	87.96, 9.52, 23.79
CIE LCh	88, 25.624, 68.195
Yxy	71.9831, 0.3718, 0.3673
Android (android.graphics.Color)	4294956464 (0xFFFFD5B0)
YUV	221.3400, -22.3526, 29.5198
Hunter-Lab	84.8429, 4.8369, 23.6609

Details

The XYZ color **72.8707, 71.9831, 51.1277** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **61.0251, 66.5907, 104.2447**, and the grayscale version is **69.1018, 72.7004, 79.1708**.

A 20% lighter version of the original color is **91.5655, 98.6062, 90.5508**, and **38.8280, 37.7541, 23.9797** is the 20% darker color. If you saturate the color by 10%, you get **67.3129, 64.5330, 37.9748**, and if you desaturate by 10%, it is **79.1911, 80.1994, 66.8745**.

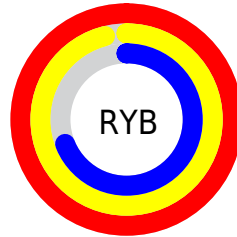
Distribution



Red (100%)

Green (84%)

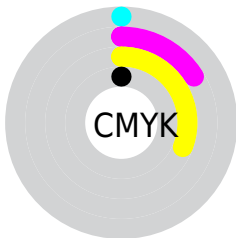
Blue (69%)



Red (100%)

Yellow (96%)

Blue (69%)

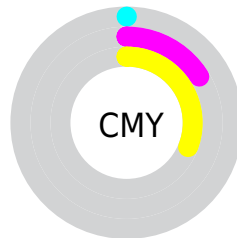


Cyan (0%)

Magenta (16%)

Yellow (31%)

Black (0%)



Cyan (0%)

Magenta (16%)


Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 72.8707, 71.9831, 51.1277 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 72.8707, 71.9831, 51.1277 by changing the saturation by 10% instead.


 72.8707, 71.9831,
51.1277

 72.8707, 71.9831,
51.1277


459.6773,
467.4828, 407.9204

 54.1582, 53.1449,
35.9328


 122.2978,
122.0325, 93.2569

 38.9594, 37.9184,
24.0930


153.7431,
154.0125, 121.0284

 26.9087, 25.9194,
15.1898


190.1634,
191.1418, 153.8291

 17.6409, 16.7633,
8.8046

231.9240,
233.8049, 192.0776

 10.7906, 10.0659,
4.5189

279.3904,
282.3861, 236.1924

 5.9925, 5.4427,
1.9141

332.9278,

 2.8811, 2.5093,

337.2699, 286.5922

0.5017

392.9017,
398.8407, 343.6953

■ 1.0912, 0.8813,
0.0000

■ 0.0177, 0.0000,
0.0000

■ 72.8707, 71.9831,
51.1277

■ 72.8707, 71.9831,
51.1277

■ 67.3129, 64.5330,
37.9748

■ 79.1911, 80.1994,
66.8745

■ 62.4788, 57.8148,
27.2690

■ 86.2999, 89.1951,
85.3422

■ 58.3337, 51.8055,
18.8555

■ 94.2281, 98.9957,
106.6546

■ 54.8374, 46.4771,
12.5596

■ 95.0500, 100.0000,
108.9000

■ 51.9446, 41.7989,
8.1811

■ 49.6020, 37.7365,
5.4803

■ 47.8903, 34.5606,
4.1468

Harmonies

Analogous

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



78.0627, 71.9831, 59.3759



72.8707, 71.9831, 51.1277



66.7584, 71.9831, 49.5926

Triad

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



72.8707, 71.9831, 51.1277



57.4458, 71.9831, 83.2670



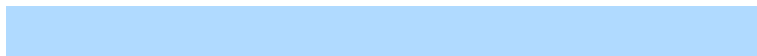
75.9348, 71.9831, 107.8738

Complementary

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



72.8707, 71.9831, 51.1277



61.0251, 66.5907, 104.2447

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.



70.1045, 71.9831, 116.5774



72.8707, 71.9831, 51.1277



59.6019, 71.9831, 101.0534

Square

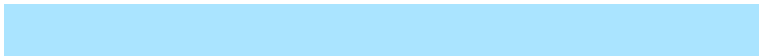
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



72.8707, 71.9831, 51.1277



58.0889, 71.9831, 66.5429



64.1501, 71.9831, 113.9116



79.9037, 71.9831, 91.5379

Rectangle

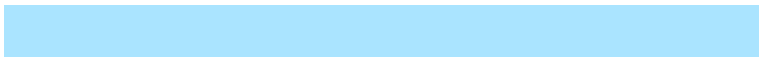
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



72.8707, 71.9831, 51.1277



63.0209, 71.9831, 52.3280



64.1501, 71.9831, 113.9116



74.1143, 71.9831, 111.8919

Sweetspot

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



72.8725, 71.9864, 51.1292



87.8035, 91.0708, 89.3319



69.4381, 57.3803, 73.8375



18.5564, 19.1972, 18.4908



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.



72.8725, 71.9864, 51.1292



69.4367, 67.4098, 42.9083



84.0023, 94.2460, 54.8391



18.7109, 19.3899, 18.9008



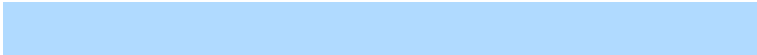
25.1701, 18.3515, 2.2156



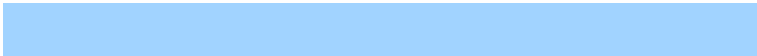
2.5589, 2.0032, 0.2518

Inverse Universe

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



61.0251, 66.5907, 104.2447



55.9231, 61.2520, 103.4831



52.0019, 48.5444, 101.2369



17.8025, 18.9766, 22.9745



14.1499, 13.2094, 51.2385



1.4871, 1.5050, 5.0254

Previews

White Background



This preview shows how the XYZ color 72.8707, 71.9831, 51.1277 looks on a white background.

Color Contrast Check

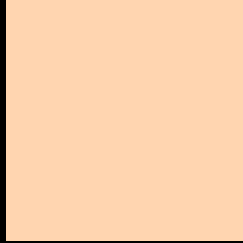
Large Text (above 18pt) WCAG AA × Fail

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 72.8707, 71.9831, 51.1277 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

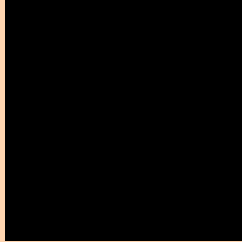
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 72.8707, 71.9831, 51.1277

Background



This preview shows how black text looks on a background with the XYZ color 72.8707, 71.9831, 51.1277.



This preview shows how white text looks on a background with the XYZ color 72.8707, 71.9831,

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

72.8707, 71.9831, 51.1277

Protanopia

67.6616, 71.9335, 52.9662

Deuteranopia

73.2725, 72.1438, 53.2433



Tritanopia

77.2253, 72.1349, 78.9604

Trichromacy



Original Color

72.8707, 71.9831, 51.1277

Protanomaly

69.4667, 71.7173, 52.3010

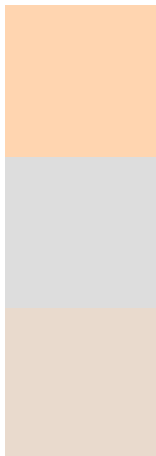
Deuteranomaly

73.1709, 72.1032, 52.7086

Tritanomaly

75.3060, 71.7610, 67.6398

Monochromacy



Original Color

72.8707, 71.9831, 51.1277

Achromatopsia

68.7264, 72.3055, 78.7407

Achromatomaly

69.6951, 71.8742, 67.9574

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.8707, 71.9831, 51.1277 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, 213, 176)` looks like.

```
.text, #text, p{  
    color:rgb(255, 213, 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, 213, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 213, 176) }
```

Border

The CSS property to change the border of an element to XYZ 72.8707, 71.9831, 51.1277 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, 213, 176) }
```


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

```
.border{ border-color:rgb(255, 213, 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, 213, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 213, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 213, 176);  
box-shadow:4px 4px 4px 4px rgb(255, 213,  
176) }
```

Background

The CSS property to change the background color of an element to XYZ 72.8707, 71.9831, 51.1277 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 213, 176) }
```

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

```
.background{ background-color: rgb(255,  
213, 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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