

Converting Colors

XYZ(70.9805, 70.3297, 48.3870)

Have a look what the booklet for
XYZ(70.9805, 70.3297, 48.3870)
contains.

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Color

**XYZ(70.7898, 70.2243,
48.3517)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | FCD3AB |
| RGB | 252, 211, 171 |
| RGB Percent | 99%, 83%, 67% |
| CMY | 0.0118, 0.1725, 0.3294 |
| CMYK | 0.00, 0.16, 0.32, 0.01 |
| HSL | 30°, 93%, 83% |
| HSV | 30°, 32%, 99% |
| XYZ | 70.7898, 70.2243, 48.3517 |
| YIQ | 218.6990, 37.2760, -3.7480 |

Conversions

Conversions Part 2

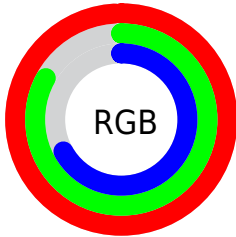
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 252, 250, 171 |
| Decimal | 16569259 |
| CIE Lab | 87.11, 8.80, 25.18 |
| CIE LCh | 87, 26.678, 70.740 |
| Yxy | 70.2243, 0.3738, 0.3708 |
| Android (android.graphics.Color) | 4294759339 (0xFFFC D3AB) |
| YUV | 218.6990, -23.5156, 29.2050 |
| Hunter-Lab | 83.7999, 4.1376, 24.4502 |

Details

The XYZ color **70.7898, 70.2243, 48.3517** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **57.9080, 62.7710, 101.1593**, and the grayscale version is **67.2646, 70.7676, 77.0659**.

A 20% lighter version of the original color is **90.8651, 98.3261, 86.8628**, and **37.6349, 36.9152, 22.5945** is the 20% darker color. If you saturate the color by 10%, you get **65.5697, 63.2684, 35.8695**, and if you desaturate by 10%, it is **76.7229, 77.8727, 63.3323**.

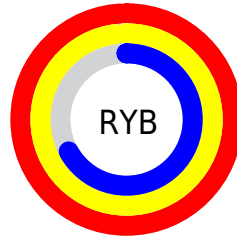
Distribution



Red (99%)

Green (83%)

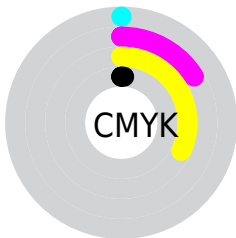
Blue (67%)



Red (99%)

Yellow (98%)

Blue (67%)

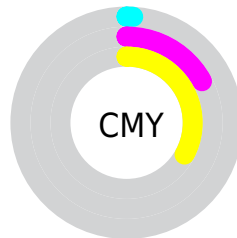


Cyan (0%)

Magenta (16%)

Yellow (32%)

Black (1%)



Cyan (1%)


Magenta (17%)


Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 70.7898, 70.2243, 48.3517 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 70.7898, 70.2243, 48.3517 by changing the saturation by 10% instead.

 70.7898, 70.2243,
48.3517

 70.7898, 70.2243,
48.3517


452.5416,
461.3372, 396.7333

 52.4526, 51.7094,
33.7435


 119.3545,
119.5286, 89.0988

 37.5917, 36.7735,
22.4209


150.3127,
151.0867, 116.0748

 25.8417, 25.0322,
13.9652


186.2087,
187.7615, 148.0105

 16.8373, 16.1010,
7.9580

227.4077,
229.9371, 185.3245

 10.2132, 9.5957,
3.9807

274.2751,
277.9981, 228.4352

 5.6039, 5.1317,
1.6148

327.1764,

 2.6441, 2.3247,

332.3289, 277.7612

0.3013

386.4767,
393.3138, 333.7211

■ 0.9685, 0.7868,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 70.7898, 70.2243,
48.3517

■ 70.7898, 70.2243,
48.3517

■ 65.5697, 63.2684,
35.8695

■ 76.7229, 77.8727,
63.3323

■ 61.0252, 56.9732,
25.7420

■ 83.3933, 86.2247,
80.9354

■ 57.1235, 51.3185,
17.8172

■ 90.8305, 95.3034,
101.2820

■ 53.8260, 46.2788,
11.9236

■ 93.9549, 99.4354,
108.8487

■ 51.0892, 41.8263,
7.8634

■ 48.8615, 37.9295,
5.3984

■ 47.4105, 35.2268,
4.3006

Harmonies

Analogous

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



76.2736, 70.2243, 56.1248



70.7898, 70.2243, 48.3517



64.5311, 70.2243, 47.3832

Triad

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



70.7898, 70.2243, 48.3517



55.6197, 70.2243, 83.0586



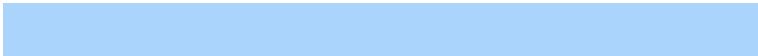
74.9019, 70.2243, 105.6222

Complementary

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



70.7898, 70.2243, 48.3517



57.9080, 62.7710, 101.1593

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.



69.0112, 70.2243, 115.5144



70.7898, 70.2243, 48.3517



58.0470, 70.2243, 101.2004

Square

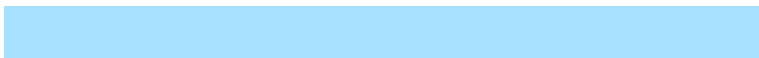
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



70.7898, 70.2243, 48.3517



56.0299, 70.2243, 65.6605



62.8594, 70.2243, 113.7806



78.7483, 70.2243, 88.3882

Rectangle

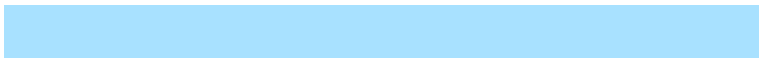
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



70.7898, 70.2243, 48.3517



60.7888, 70.2243, 50.5276



62.8594, 70.2243, 113.7806



73.0804, 70.2243, 110.0294

Sweetspot

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



70.7916, 70.2276, 48.3531



87.2330, 90.5056, 87.3669



66.6994, 54.6185, 69.8786



18.4501, 19.0993, 18.1018



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.



70.7916, 70.2276, 48.3531



68.9547, 67.1491, 40.5798



81.8837, 92.4116, 52.0505



17.9526, 18.6411, 18.1143



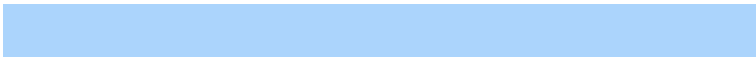
24.8437, 18.6441, 2.2893



2.4068, 1.9385, 0.2473

Inverse Universe

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



57.9080, 62.7710, 101.1593



53.7163, 58.3289, 103.0352



49.1852, 45.3255, 98.2518



17.0091, 18.0951, 21.9815



13.2903, 11.9362, 49.5770



1.3370, 1.3177, 4.6270

Previews

White Background



This preview shows how the XYZ color 70.7898, 70.2243, 48.3517 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 70.7898, 70.2243, 48.3517 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

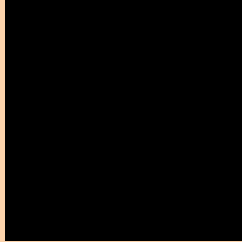
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 70.7898, 70.2243, 48.3517

Background



This preview shows how black text looks on a background with the XYZ color 70.7898, 70.2243, 48.3517.



This preview shows how white text looks on a background with the XYZ color 70.7898, 70.2243,

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

70.7898, 70.2243, 48.3517

Protanopia

65.9901, 70.3546, 50.1461

Deuteranopia

71.7330, 70.3317, 48.8244



Tritanopia

75.9896, 70.0900, 77.2338

Trichromacy



Original Color

70.7898, 70.2243, 48.3517

Protanomaly

67.4399, 69.9687, 49.4860

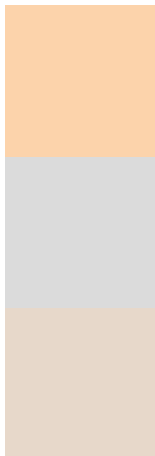
Deuteranomaly

71.3660, 70.1426, 48.8072

Tritanomaly

73.8465, 69.9607, 65.4888

Monochromacy



Original Color

70.7898, 70.2243, 48.3517

Achromatopsia

67.3311, 70.8376, 77.1421

Achromatomaly

68.1715, 70.3649, 65.8659

CSS Examples

Text

The CSS property to change the color of the text to XYZ 70.7898, 70.2243, 48.3517 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(252, 211, 171)` looks like.

```
.text, #text, p{  
    color:rgb(252, 211, 171)  
}
```

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(252, 211, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 211, 171) }
```

Border

The CSS property to change the border of an element to XYZ 70.7898, 70.2243, 48.3517 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(252, 211, 171) }
```


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

```
.border{ border-color:rgb(252, 211, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 211, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 211, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 211, 171);  
box-shadow:4px 4px 4px 4px rgb(252, 211,  
171) }
```

Background

The CSS property to change the background color of an element to XYZ 70.7898, 70.2243, 48.3517 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 211, 171) }
```

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

```
.background{ background-color: rgb(252,  
211, 171) }
```

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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