

Converting Colors

XYZ(71.7724, 70.5526, 48.3996)

Have a look what the booklet for
XYZ(71.7724, 70.5526, 48.3996)
contains.

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Color

**XYZ(71.8850, 70.7888,
48.4029)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD3AB
RGB	255, 211, 171
RGB Percent	100%, 83%, 67%
CMY	0.0000, 0.1725, 0.3294
CMYK	0.00, 0.17, 0.33, 0.00
HSL	29°, 100%, 84%
HSV	29°, 33%, 100%
XYZ	71.8850, 70.7888, 48.4029
YIQ	219.5960, 39.0640, -3.1120

Conversions

Conversions Part 2

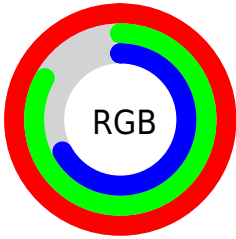
Format	Color
R _Y B	255, 247, 171
Decimal	16765867
CIE Lab	87.38, 9.94, 25.61
CIE LCh	87, 27.466, 68.789
Yxy	70.7888, 0.3762, 0.3705
Android (android.graphics.Color)	4294955947 (0xFFFFD3AB)
YUV	219.5960, -23.9578, 31.0493
Hunter-Lab	84.1361, 5.2704, 24.7861

Details

The XYZ color **71.8850, 70.7888, 48.4029** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **59.1442, 64.4767, 103.9357**, and the grayscale version is **67.8900, 71.4255, 77.7824**.

A 20% lighter version of the original color is **90.8651, 98.3261, 86.8628**, and **38.4127, 37.3162, 22.6309** is the 20% darker color. If you saturate the color by 10%, you get **66.5040, 63.5486, 35.7523**, and if you desaturate by 10%, it is **78.0140, 78.7744, 63.6177**.

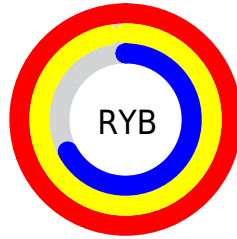
Distribution



Red (100%)

Green (83%)

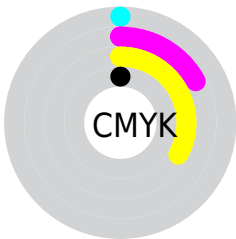
Blue (67%)



Red (100%)

Yellow (97%)

Blue (67%)

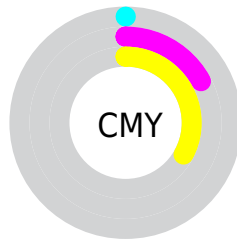


Cyan (0%)

Magenta (17%)

Yellow (33%)

Black (0%)



Cyan (0%)


Magenta (17%)


Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 71.8850, 70.7888, 48.4029 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 71.8850, 70.7888, 48.4029 by changing the saturation by 10% instead.


 71.8850, 70.7888,
48.4029

 71.8850, 70.7888,
48.4029


456.3051,
463.3148, 396.9416

 53.3499, 52.1699,
33.7838


 120.9047,
120.3330, 89.1758

 38.3107, 37.1405,
22.4515


152.1200,
152.0270, 116.1666

 26.4023, 25.3163,
13.9876


188.2927,
188.8481, 148.1185

 17.2591, 16.3129,
7.9734

229.7882,
231.1808, 185.4498

 10.5158, 9.7458,
3.9904

276.9718,
279.4094, 228.5793

 5.8072, 5.2307,
1.6201

330.2089,

 2.7677, 2.3833,

333.9183, 277.9254

0.3051

389.8649,
395.0920, 333.9066

■ 1.0321, 0.8173,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 71.8850, 70.7888,
48.4029

■ 71.8850, 70.7888,
48.4029

■ 66.5040, 63.5486,
35.7523

■ 78.0140, 78.7744,
63.6177

■ 61.8322, 57.0199,
25.5169

■ 84.9174, 87.5186,
81.5256

■ 57.8345, 51.1803,
17.5387

■ 92.6260, 97.0463,
102.2521

■ 54.4703, 46.0019,
11.6389

95.0500, 100.0000,
108.9000

■ 51.6933, 41.4540,
7.6110

■ 49.4485, 37.5023,
5.2048

■ 48.1316, 35.0432,
4.2272

Harmonies

Analogous

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



77.4535, 70.7888, 56.8409



71.8850, 70.7888, 48.4029



65.3994, 70.7888, 46.9544

Triad

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



71.8850, 70.7888, 48.4029



55.7211, 70.7888, 82.6507



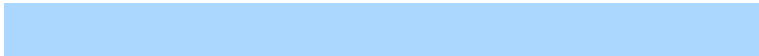
75.3815, 70.7888, 108.3191

Complementary

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



71.8850, 70.7888, 48.4029



59.1442, 64.4767, 103.9357

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.



69.2017, 70.7888, 117.9242



71.8850, 70.7888, 48.4029



58.0436, 70.7888, 101.6226

Square

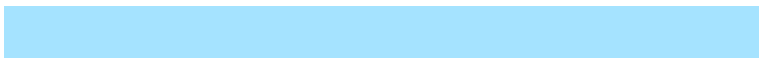
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



71.8850, 70.7888, 48.4029



56.3378, 70.7888, 64.8911



62.8810, 70.7888, 115.2947



79.5604, 70.7888, 90.7002

Rectangle

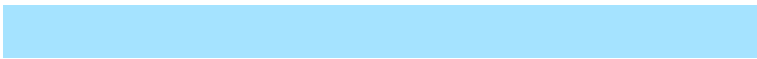
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



71.8850, 70.7888, 48.4029



61.4671, 70.7888, 49.8772



62.8810, 70.7888, 115.2947



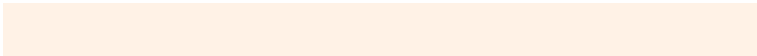
73.4539, 70.7888, 112.7109

Sweetspot

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



71.8867, 70.7920, 48.4043



87.0992, 90.2380, 87.3223



68.1722, 55.3341, 71.9183



18.4177, 19.0346, 18.0910



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.



71.8867, 70.7920, 48.4043



68.0114, 65.6032, 39.2151



83.4641, 93.9469, 52.2635



18.7230, 19.4142, 18.9048



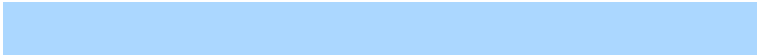
25.2970, 18.6053, 2.2579



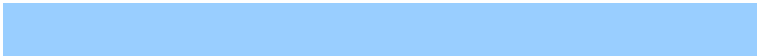
2.5716, 2.0286, 0.2560

Inverse Universe

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



59.1442, 64.4767, 103.9357



53.3599, 58.3384, 103.0558



49.9427, 46.0737, 100.8686



17.7903, 18.9522, 22.9704



14.0046, 12.9189, 51.1901



1.4730, 1.4767, 5.0207

Previews

White Background



This preview shows how the XYZ color 71.8850, 70.7888, 48.4029 looks on a white background.

Color Contrast Check

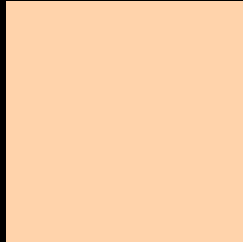
Large Text (above 18pt) WCAG AA × Fail

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 71.8850, 70.7888, 48.4029 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

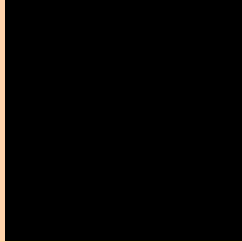
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 71.8850, 70.7888, 48.4029

Background



This preview shows how black text looks on a background with the XYZ color 71.8850, 70.7888, 48.4029.



This preview shows how white text looks on a background with the XYZ color 71.8850, 70.7888,

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

71.8850, 70.7888, 48.4029

Protanopia

66.6737, 71.0818, 50.7635

Deuteranopia

72.1742, 70.9045, 49.9263



Tritanopia

76.2296, 70.5699, 77.3138

Trichromacy



Original Color

71.8850, 70.7888, 48.4029

Protanomaly

68.4715, 70.8685, 50.1146

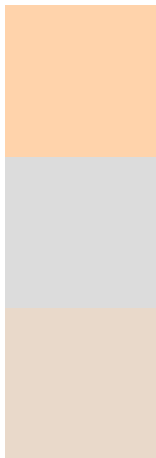
Deuteranomaly

72.0771, 70.8657, 49.4147

Tritanomaly

74.4565, 70.6360, 65.5869

Monochromacy



Original Color

71.8850, 70.7888, 48.4029

Achromatopsia

68.0267, 71.5694, 77.9390

Achromatomaly

69.0778, 71.2136, 65.9819

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.8850, 70.7888, 48.4029 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, 211, 171)` looks like.

```
.text, #text, p{  
    color:rgb(255, 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(255, 211, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 211, 171) }
```

Border

The CSS property to change the border of an element to XYZ 71.8850, 70.7888, 48.4029 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, 211, 171) }
```


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

```
.border{ border-color:rgb(255, 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(255, 211, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 211, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 211, 171);  
box-shadow:4px 4px 4px 4px rgb(255, 211,  
171) }
```

Background

The CSS property to change the background color of an element to XYZ 71.8850, 70.7888, 48.4029 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 211, 171) }
```

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

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