

Converting Colors

XYZ(71.7894, 71.0648, 50.4906)

Have a look what the booklet for
XYZ(71.7894, 71.0648, 50.4906)
contains.

XYZ(71.7894, 71.0648, 50.4906)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(71.7894, 71.0648,
50.4906)**

Conversions

Conversions Part 1

Format	Color
Hex	FDD4AF
RGB	253, 212, 175
RGB Percent	99%, 83%, 69%
CMY	0.0078, 0.1686, 0.3137
CMYK	0.00, 0.16, 0.31, 0.01
HSL	28°, 95%, 84%
HSV	28°, 31%, 99%
XYZ	71.7894, 71.0648, 50.4906
YIQ	220.0410, 36.3130, -2.8150

Conversions

Conversions Part 2

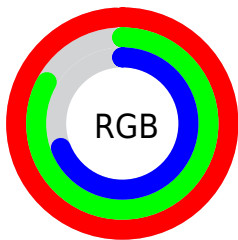
Format	Color
R _Y B	253, 245, 175
Decimal	16635055
CIE Lab	87.52, 9.16, 23.67
CIE LCh	88, 25.383, 68.854
Yxy	71.0648, 0.3713, 0.3676
Android (android.graphics.Color)	4294825135 (0xFFFD4AF)
YUV	220.0410, -22.2052, 28.9050
Hunter-Lab	84.2999, 4.4848, 23.4988

Details

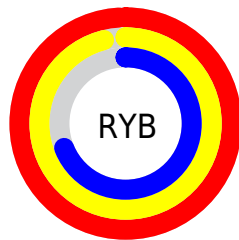
The XYZ color **71.7894, 71.0648, 50.4906** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **59.9640, 65.3155, 102.3755**, and the grayscale version is **68.1901, 71.7413, 78.1262**.

A 20% lighter version of the original color is **91.4238, 98.5495, 89.8047**, and **38.0755, 37.1212, 23.5707** is the 20% darker color. If you saturate the color by 10%, you get **66.3458, 63.7884, 37.5440**, and if you desaturate by 10%, it is **77.9761, 79.0816, 65.9832**.

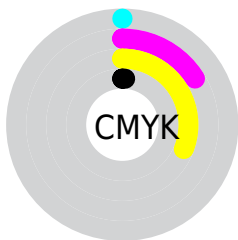
Distribution



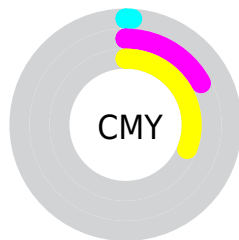
- Red (99%)
- Green (83%)
- Blue (69%)



- Red (99%)
- Yellow (96%)
- Blue (69%)



- Cyan (0%)
- Magenta (16%)
- Yellow (31%)
- Black (1%)





- Cyan (1%)
- Magenta (17%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 71.7894, 71.0648, 50.4906 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 71.7894, 71.0648, 50.4906 by changing the saturation by 10% instead.


 71.7894, 71.0648,
50.4906

 71.7894, 71.0648,
50.4906


455.9773,
464.2799, 405.3713

 53.2715, 52.3951,
35.4295


 120.7695,
120.7260, 92.3051

 38.2479, 37.3201,
23.7077


151.9624,
152.4862, 119.8956

 26.3532, 25.4554,
14.9067


188.1110,
189.3788, 152.4996

 17.2222, 16.4167,
8.6081

229.5807,
231.7881, 190.5356

 10.4893, 9.8195,
4.3931

276.7368,
280.0984, 234.4223

 5.7893, 5.2794,
1.8434

329.9447,

 2.7568, 2.4121,

334.6942, 284.5781

0.4564

389.5697,
395.9599, 341.4216

■ 1.0265, 0.8321,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 71.7894, 71.0648,
50.4906

■ 71.7894, 71.0648,
50.4906

■ 66.3458, 63.7884,
37.5440

■ 77.9761, 79.0816,
65.9832

■ 61.6070, 57.2189,
26.9996

■ 84.9306, 87.8511,
84.1460

■ 57.5396, 51.3345,
18.7058

■ 92.6834, 97.3979,
105.1004

■ 54.1044, 46.1083,
12.4918

■ 94.3181, 99.6227,
108.8657

■ 51.2573, 41.5108,
8.1617

■ 48.9465, 37.5088,
5.4814

■ 47.2282, 34.3229,
4.1358

Harmonies

Analogous

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



76.9255, 71.0648, 58.4599



71.7894, 71.0648, 50.4906



65.7863, 71.0648, 49.1266

Triad

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



71.7894, 71.0648, 50.4906



56.7832, 71.0648, 82.5706



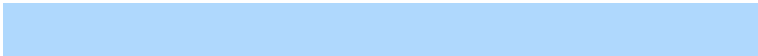
75.0376, 71.0648, 106.0393

Complementary

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



71.7894, 71.0648, 50.4906



59.9640, 65.3155, 102.3755

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.



69.3347, 71.0648, 114.7962



71.7894, 71.0648, 50.4906



58.9598, 71.0648, 99.9906

Square

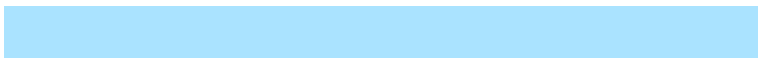
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



71.7894, 71.0648, 50.4906



57.3542, 71.0648, 66.0684



63.4712, 71.0648, 112.4325



78.8766, 71.0648, 89.9086

Rectangle

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



71.7894, 71.0648, 50.4906



62.1335, 71.0648, 51.9146



63.4712, 71.0648, 112.4325



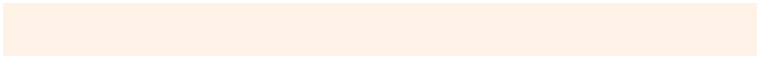
73.2619, 71.0648, 110.0438

Sweetspot

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



71.7912, 71.0681, 50.4921



87.8447, 91.1532, 89.3456



68.3110, 56.5323, 72.6853



18.5665, 19.2175, 18.4941



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.



71.7912, 71.0681, 50.4921



69.5723, 67.6810, 42.9535



82.5563, 92.5982, 54.0804



18.7202, 19.4085, 18.9039



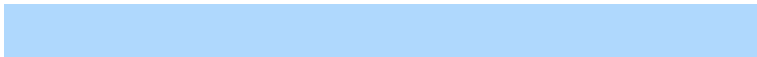
25.2672, 18.5456, 2.2479



2.5686, 2.0226, 0.2550

Inverse Universe

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



59.9640, 65.3155, 102.3755



55.7828, 60.9714, 103.4363



51.2505, 47.8886, 99.4710



17.7932, 18.9579, 22.9714



14.0383, 12.9862, 51.2013



1.4763, 1.4833, 5.0218

Previews

White Background



This preview shows how the XYZ color 71.7894, 71.0648, 50.4906 looks on a white background.

Color Contrast Check

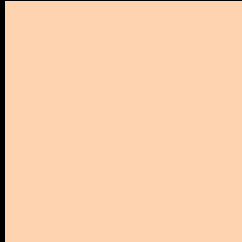
Large Text (above 18pt) WCAG AA × Fail

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 71.7894, 71.0648, 50.4906 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 71.7894, 71.0648, 50.4906

Background



This preview shows how black text looks on a background with the XYZ color 71.7894, 71.0648, 50.4906.



This preview shows how white text looks on a background with the XYZ color 71.7894, 71.0648,

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

71.7894, 71.0648, 50.4906

Protanopia

66.9717, 71.2010, 52.3329

Deuteranopia

72.4701, 71.0229, 51.4842



Tritanopia

76.6040, 71.1061, 78.0940

Trichromacy



Original Color

71.7894, 71.0648, 50.4906

Protanomaly

68.4269, 70.8113, 51.6564

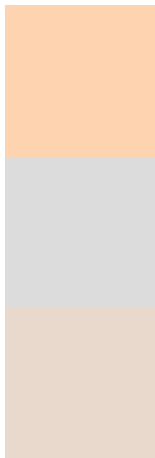
Deuteranomaly

72.0038, 70.7940, 50.9439

Tritanomaly

74.5726, 71.0314, 66.9068

Monochromacy



Original Color

71.7894, 71.0648, 50.4906

Achromatopsia

68.0267, 71.5694, 77.9390

Achromatomaly

68.9906, 71.1411, 67.2222

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.7894, 71.0648, 50.4906 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(253, 212, 175)` looks like.

```
.text, #text, p{  
    color:rgb(253, 212, 175)  
}
```

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(253, 212, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 212, 175) }
```

Border

The CSS property to change the border of an element to XYZ 71.7894, 71.0648, 50.4906 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(253, 212, 175) }
```


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

```
.border{ border-color:rgb(253, 212, 175) }
```

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

Here you see how a box with a 4 pixel rgb(253, 212, 175) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 212, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 212, 175);  
box-shadow:4px 4px 4px 4px rgb(253, 212,  
175) }
```

Background

The CSS property to change the background color of an element to XYZ 71.7894, 71.0648, 50.4906 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 212, 175) }
```

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

```
.background{ background-color: rgb(253,  
212, 175) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor