

Converting Colors

XYZ(148.9955, 110.9468,
48.3862)

Have a look what the booklet for
XYZ(148.9955, 110.9468, 48.3862)
contains.

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Color

**XYZ(71.3943, 70.9913,
44.5901)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD4A3
RGB	255, 212, 163
RGB Percent	100%, 83%, 64%
CMY	0.0000, 0.1686, 0.3608
CMYK	0.00, 0.17, 0.36, 0.00
HSL	32°, 100%, 82%
HSV	32°, 36%, 100%
XYZ	71.3943, 70.9913, 44.5901
YIQ	219.2710, 41.3570, -6.1230

Conversions

Conversions Part 2

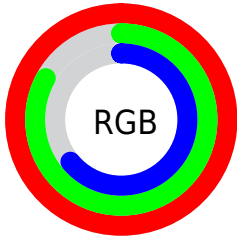
Format	Color
R_{YB}	244, 255, 163
Decimal	16766115
CIE _{Lab}	87.48, 8.47, 29.89
CIE _{LCh}	87, 31.071, 74.174
Yxy	70.9913, 0.3818, 0.3797
Android (android.graphics.Color)	4294956195 (0xFFFFD4A3)
YUV	219.2710, -27.7416, 31.3343
Hunter-Lab	84.2563, 3.8027, 27.6020

Details

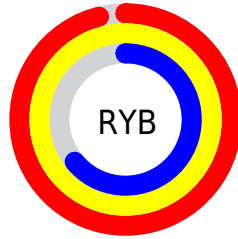
The XYZ color **71.3943, 70.9913, 44.5901** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **55.2248, 59.1470, 103.1135**, and the grayscale version is **67.6881, 71.2132, 77.5511**.

A 20% lighter version of the original color is **89.6549, 97.8420, 80.4897**, and **37.9522, 37.1320, 20.2058** is the 20% darker color. If you saturate the color by 10%, you get **66.4665, 64.4306, 32.7893**, and if you desaturate by 10%, it is **77.0063, 78.1827, 58.8932**.

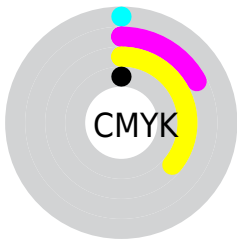
Distribution



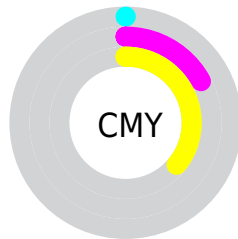
- Red (100%)
- Green (83%)
- Blue (64%)



- Red (96%)
- Yellow (100%)
- Blue (64%)



- Cyan (0%)
- Magenta (17%)
- Yellow (36%)
- Black (0%)





- Cyan (0%)
- Magenta (17%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 71.3943, 70.9913, 44.5901 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 71.3943, 70.9913, 44.5901 by changing the saturation by 10% instead.


 71.3943, 70.9913,
44.5901


 71.3943, 70.9913,
44.5901


454.6210,
464.0230, 381.2225

 52.9477, 52.3351,
30.7941


 120.2105,
120.6213, 83.4169

 37.9884, 37.2722,
20.1850

 151.3108,
152.3640, 109.2847

 26.1508, 25.4183,
12.3442


187.3597,
189.2375, 140.0136

 17.0698, 16.3890,
6.8531

228.7226,
231.6264, 176.0221

 10.3799, 9.7998,
3.2934

275.7648,
279.9150, 217.7287

 5.7157, 5.2665,
1.2463

328.8517,

 2.7120, 2.4044,

334.4877, 265.5519

0.0172

388.3487,
395.7289, 319.9104

■ 1.0034, 0.8282,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 71.3943, 70.9913,
44.5901

■ 71.3943, 70.9913,
44.5901

■ 66.4665, 64.4306,
32.7893

■ 77.0063, 78.1827,
58.8932

■ 62.1848, 58.4702,
23.3381

■ 83.3273, 86.0141,
75.8301

■ 58.5155, 53.0911,
16.0740

■ 90.3870, 94.5073,
95.5284

■ 55.4185, 48.2693,
10.8112

95.0500, 100.0000,
108.9000

■ 52.8477, 43.9781,
7.3327

■ 50.7468, 40.1860,
5.3692

■ 50.0203, 38.8207,
4.8568

Harmonies

Analogous

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



78.1026, 70.9913, 52.4330



71.3943, 70.9913, 44.5901



64.0808, 70.9913, 44.3815

Triad

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



71.3943, 70.9913, 44.5901



54.7058, 70.9913, 87.6138



77.7860, 70.9913, 110.0311

Complementary

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



71.3943, 70.9913, 44.5901



55.2248, 59.1470, 103.1135

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.



70.9872, 70.9913, 123.4362



71.3943, 70.9913, 44.5901



57.8582, 70.9913, 108.9922

Square

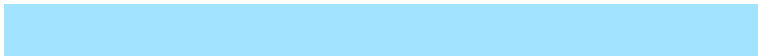
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



71.3943, 70.9913, 44.5901



54.7974, 70.9913, 66.7985



63.7020, 70.9913, 123.0248



81.9713, 70.9913, 88.8426

Rectangle

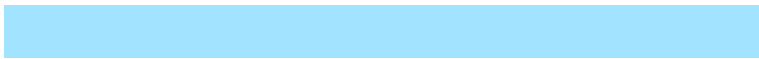
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



71.3943, 70.9913, 44.5901



59.8603, 70.9913, 48.4686



63.7020, 70.9913, 123.0248



75.7097, 70.9913, 115.7544

Sweetspot

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



71.3961, 70.9946, 44.5915



86.8180, 90.2429, 85.4797



65.6572, 51.9829, 65.9048



18.3791, 19.0704, 17.7296



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.



71.3961, 70.9946, 44.5915



67.9131, 66.3856, 36.1641



83.0491, 95.1347, 48.6369



18.8106, 19.5893, 18.9340



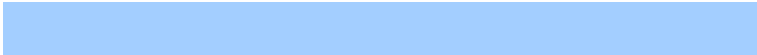
26.2877, 20.5867, 2.5881



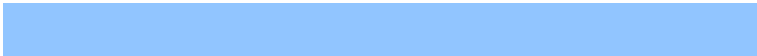
2.6690, 2.2233, 0.2885

Inverse Universe

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



55.2248, 59.1470, 103.1135



49.6627, 53.0193, 102.2240



46.5680, 41.3646, 100.1374



17.7028, 18.7773, 22.9413



13.0353, 10.9802, 50.8669



1.3773, 1.2854, 4.9888

Previews

White Background



This preview shows how the XYZ color 71.3943, 70.9913, 44.5901 looks on a white background.

Color Contrast Check

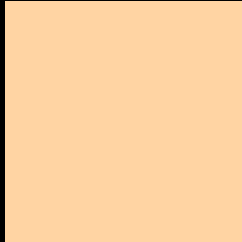
Large Text (above 18pt) WCAG AA × Fail

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 71.3943, 70.9913, 44.5901 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 71.3943, 70.9913, 44.5901

Background



This preview shows how black text looks on a background with the XYZ color 71.3943, 70.9913, 44.5901.



This preview shows how white text looks on a background with the XYZ color 71.3943, 70.9913,

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

71.3943, 70.9913, 44.5901

Protanopia

66.4754, 71.0784, 46.2923

Deuteranopia

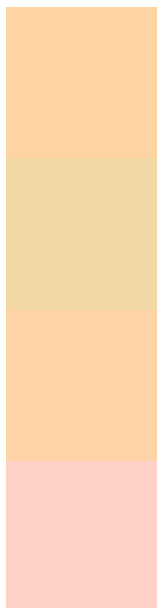
71.8850, 70.7888, 48.4029



Tritanopia

76.4711, 71.0530, 77.3943

Trichromacy



Original Color

71.3943, 70.9913, 44.5901

Protanomaly

67.9653, 70.7056, 45.6627

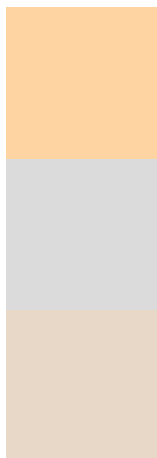
Deuteranomaly

71.6021, 70.6757, 46.9137

Tritanomaly

74.3493, 70.9844, 63.8156

Monochromacy



Original Color

71.3943, 70.9913, 44.5901

Achromatopsia

67.3311, 70.8376, 77.1421

Achromatomaly

68.1434, 70.3911, 64.0281

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.3943, 70.9913, 44.5901 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, 212, 163)` looks like.

```
.text, #text, p{  
    color:rgb(255, 212, 163)  
}
```

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, 212, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 212, 163) }
```

Border

The CSS property to change the border of an element to XYZ 71.3943, 70.9913, 44.5901 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, 212, 163) }
```


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

```
.border{ border-color:rgb(255, 212, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 212, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 212, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 212, 163);  
box-shadow:4px 4px 4px 4px rgb(255, 212,  
163) }
```

Background

The CSS property to change the background color of an element to XYZ 71.3943, 70.9913, 44.5901 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 212, 163) }
```

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

```
.background{ background-color: rgb(255,  
212, 163) }
```

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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