

Converting Colors

XYZ(74.0140, 71.6064, 44.6276)

Have a look what the booklet for
XYZ(74.0140, 71.6064, 44.6276)
contains.

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Color

**XYZ(70.8975, 69.9975,
44.4245)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD2A3
RGB	255, 210, 163
RGB Percent	100%, 82%, 64%
CMY	0.0000, 0.1764, 0.3608
CMYK	0.00, 0.18, 0.36, 0.00
HSL	31°, 100%, 82%
HSV	31°, 36%, 100%
XYZ	70.8975, 69.9975, 44.4245
YIQ	218.0970, 41.9070, -5.0770

Conversions

Conversions Part 2

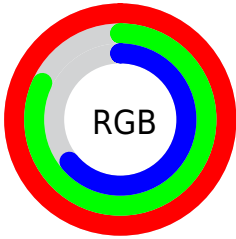
Format	Color
R _Y B	251, 255, 163
Decimal	16765603
CIE Lab	87.00, 9.51, 29.24
CIE LCh	87, 30.748, 71.987
Yxy	69.9975, 0.3826, 0.3777
Android (android.graphics.Color)	4294955683 (0xFFFFD2A3)
YUV	218.0970, -27.1628, 32.3639
Hunter-Lab	83.6645, 4.8484, 27.0831

Details

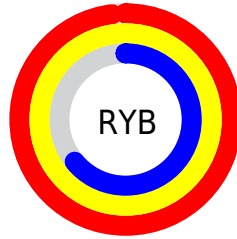
The XYZ color **70.8975, 69.9975, 44.4245** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **55.7094, 60.1163, 103.2751**, and the grayscale version is **66.8702, 70.3526, 76.6140**.

A 20% lighter version of the original color is **89.6549, 97.8420, 80.4897**, and **37.7837, 36.7949, 20.1496** is the 20% darker color. If you saturate the color by 10%, you get **65.8794, 63.2565, 32.5936**, and if you desaturate by 10%, it is **76.6196, 77.4092, 58.7643**.

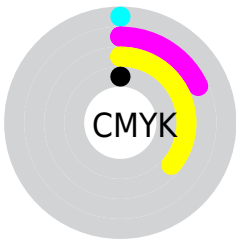
Distribution



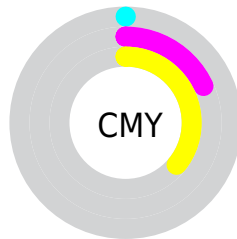
- Red (100%)
- Green (82%)
- Blue (64%)



- Red (98%)
- Yellow (100%)
- Blue (64%)



- Cyan (0%)
- Magenta (18%)
- Yellow (36%)
- Black (0%)




- Cyan (0%)
- Magenta (18%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 70.8975, 69.9975, 44.4245 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 70.8975, 69.9975, 44.4245 by changing the saturation by 10% instead.


 70.8975, 69.9975,
44.4245


 70.8975, 69.9975,
44.4245

452.9125,
460.5412, 380.5297

 52.5408, 51.5245,
30.6647

 119.5071,
119.2052, 83.1654

 37.6623, 36.6262,
20.0874


 150.4906,
150.7087, 108.9836

 25.8967, 24.9182,
12.2739


186.4139,
187.3244, 139.6584

 16.8787, 16.0161,
6.8057

227.6421,
229.4369, 175.6083

 10.2428, 9.5356,
3.2643

274.5408,
277.4304, 217.2518

 5.6237, 5.0921,
1.2311

327.4751,

 2.6561, 2.3014,

331.6893, 265.0075

0.0043

386.8106,
392.5981, 319.2940

■ 0.9746, 0.7745,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 70.8975, 69.9975,
44.4245

■ 70.8975, 69.9975,
44.4245

■ 65.8794, 63.2565,
32.5936

■ 76.6196, 77.4092,
58.7643

■ 61.5270, 57.1545,
23.1189

■ 83.0716, 85.5026,
75.7449

■ 57.8055, 51.6710,
15.8373

■ 90.2837, 94.3006,
95.4940

■ 54.6742, 46.7805,
10.5631

95.0500, 100.0000,
108.9000

■ 52.0859, 42.4544,
7.0788

■ 49.9837, 38.6597,
5.1149

■ 49.2608, 37.3017,
4.6036

Harmonies

Analogous

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



77.3438, 69.9975, 52.6799



70.8975, 69.9975, 44.4245



63.7005, 69.9975, 43.6771

Triad

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



70.8975, 69.9975, 44.4245



53.9035, 69.9975, 84.7374



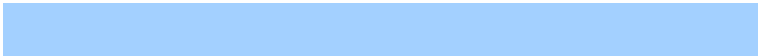
76.2134, 69.9975, 109.5929

Complementary

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



70.8975, 69.9975, 44.4245



55.7094, 60.1163, 103.2751

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.



69.4432, 69.9975, 121.8727



70.8975, 69.9975, 44.4245



56.7752, 69.9975, 105.8865

Square

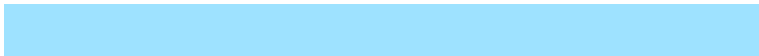
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



70.8975, 69.9975, 44.4245



54.2310, 69.9975, 64.6166



62.3467, 69.9975, 120.4057



80.5618, 69.9975, 89.1252

Rectangle

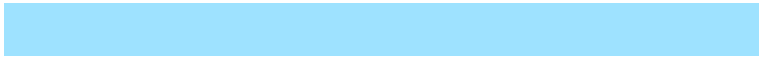
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



70.8975, 69.9975, 44.4245



59.4730, 69.9975, 47.3260



62.3467, 69.9975, 120.4057



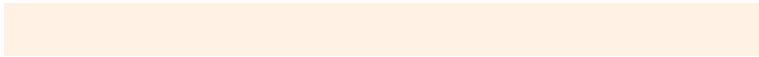
74.1255, 69.9975, 114.9679

Sweetspot

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



70.8992, 70.0007, 44.4259



86.6369, 89.8807, 85.4193



65.8463, 52.0586, 66.9000



18.3359, 18.9841, 17.7152



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.



70.8992, 70.0007, 44.4259



67.3516, 65.2627, 35.9769



83.6110, 95.4244, 48.6632



18.7767, 19.5217, 18.9227



25.8899, 19.7909, 2.4555



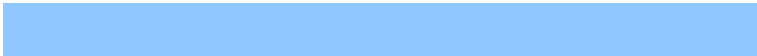
2.6302, 2.1457, 0.2755

Inverse Universe

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



55.7094, 60.1163, 103.2751



50.2069, 54.1077, 102.4054



46.2522, 41.2018, 100.1227



17.7365, 18.8445, 22.9525



13.3930, 11.6956, 50.9862



1.4130, 1.3566, 5.0007

Previews

White Background



This preview shows how the XYZ color 70.8975, 69.9975, 44.4245 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 70.8975, 69.9975, 44.4245 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 70.8975, 69.9975, 44.4245

Background



This preview shows how black text looks on a background with the XYZ color 70.8975, 69.9975, 44.4245.



This preview shows how white text looks on a background with the XYZ color 70.8975, 69.9975,

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

70.8975, 69.9975, 44.4245

Protanopia

65.5586, 70.2196, 46.1748

Deuteranopia

71.2616, 70.1432, 46.3423



Tritanopia

75.7262, 69.9846, 75.8468

Trichromacy



Original Color

70.8975, 69.9975, 44.4245

Protanomaly

67.3676, 70.0183, 45.5615

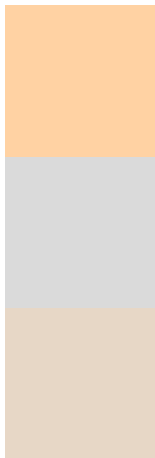
Deuteranomaly

71.1695, 70.1064, 45.8572

Tritanomaly

73.7459, 69.9629, 63.0434

Monochromacy



Original Color

70.8975, 69.9975, 44.4245

Achromatopsia

66.6397, 70.1102, 76.3500

Achromatomaly

67.4485, 69.6670, 63.3182

CSS Examples

Text

The CSS property to change the color of the text to XYZ 70.8975, 69.9975, 44.4245 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, 210, 163)` looks like.

```
.text, #text, p{  
    color:rgb(255, 210, 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, 210, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 210, 163) }
```

Border

The CSS property to change the border of an element to XYZ 70.8975, 69.9975, 44.4245 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, 210, 163) }
```


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

```
.border{ border-color:rgb(255, 210, 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, 210, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 210, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 210, 163);  
box-shadow:4px 4px 4px 4px rgb(255, 210,  
163) }
```

Background

The CSS property to change the background color of an element to XYZ 70.8975, 69.9975, 44.4245 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 210, 163) }
```

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

```
.background{ background-color: rgb(255,  
210, 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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