

Converting Colors

XYZ(84.7275, 76.1579, 44.3692)

Have a look what the booklet for
XYZ(84.7275, 76.1579, 44.3692)
contains.

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Color

**XYZ(70.0744, 68.4943,
43.7098)**

Conversions

Conversions Part 1

Format	Color
Hex	FFCFA2
RGB	255, 207, 162
RGB Percent	100%, 81%, 64%
CMY	0.0000, 0.1882, 0.3647
CMYK	0.00, 0.19, 0.36, 0.00
HSL	29°, 100%, 82%
HSV	29°, 36%, 100%
XYZ	70.0744, 68.4943, 43.7098
YIQ	216.2220, 43.0530, -3.8190

Conversions

Conversions Part 2

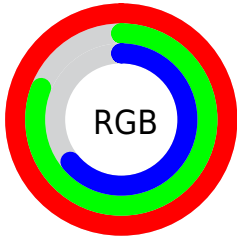
Format	Color
R_{YB}	255, 249, 162
Decimal	16764834
CIE _{Lab}	86.25, 10.95, 28.76
CIE _{LCh}	86, 30.774, 69.161
Yxy	68.4943, 0.3844, 0.3758
Android (android.graphics.Color)	4294954914 (0xFFFFCFA2)
YUV	216.2220, -26.7314, 34.0083
Hunter-Lab	82.7613, 6.3046, 26.6193

Details

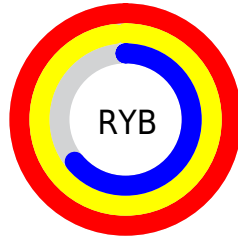
The XYZ color **70.0744, 68.4943, 43.7098** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **55.9961, 60.9924, 103.4291**, and the grayscale version is **65.5791, 68.9943, 75.1348**.

A 20% lighter version of the original color is **89.5244, 97.7898, 79.8025**, and **37.2317, 35.7786, 19.6955** is the 20% darker color. If you saturate the color by 10%, you get **64.9774, 61.5673, 31.9390**, and if you desaturate by 10%, it is **75.9003, 76.1431, 57.9926**.

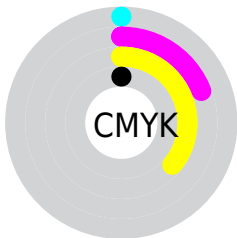
Distribution



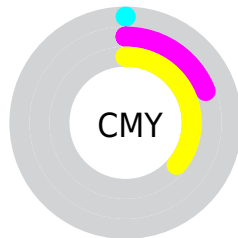
- Red (100%)
- Green (81%)
- Blue (64%)



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



- Cyan (0%)
- Magenta (19%)
- Yellow (36%)
- Black (0%)





- Cyan (0%)
- Magenta (19%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 70.0744, 68.4943, 43.7098 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 70.0744, 68.4943, 43.7098 by changing the saturation by 10% instead.


 70.0744, 68.4943,
43.7098


 70.0744, 68.4943,
43.7098


450.0735,
455.2454, 377.5294

 51.8670, 50.3000,
30.1069


 118.3405,
117.0590, 82.0787

 37.1229, 35.6518,
19.6670

 149.1300,
148.1982, 107.6818

 25.4768, 24.1654,
11.9716


184.8442,
184.4211, 138.1220

 16.5633, 15.4564,
6.6020

225.8485,
226.1121, 173.8180

 10.0170, 9.1403,
3.1398

272.5082,
273.6556, 215.1881

 5.4726, 4.8328,
1.1665

325.1887,

 2.5647, 2.1495,

327.4361, 262.6510

0.0000

384.2554,
387.8379, 316.6253

■ 0.9280, 0.6922,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 70.0744, 68.4943,
43.7098

■ 70.0744, 68.4943,
43.7098

■ 64.9774, 61.5673,
31.9390

■ 75.9003, 76.1431,
57.9926

■ 60.5696, 55.3284,
22.5265

■ 82.4817, 84.5268,
74.9200

■ 56.8152, 49.7549,
15.3084

■ 89.8502, 93.6700,
94.6205

■ 53.6720, 44.8190,
10.0973

95.0500, 100.0000,
108.9000

■ 51.0916, 40.4895,
6.6740

■ 49.0147, 36.7306,
4.7649

■ 48.3730, 35.5260,
4.3077

Harmonies

Analogous

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



76.2580, 68.4943, 52.5346



70.0744, 68.4943, 43.7098



62.9547, 68.4943, 42.2852

Triad

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



70.0744, 68.4943, 43.7098



52.5458, 68.4943, 80.9708



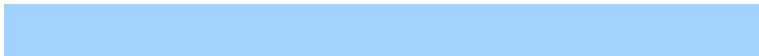
74.0986, 68.4943, 109.1437

Complementary

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



70.0744, 68.4943, 43.7098



55.9961, 60.9924, 103.4291

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.



67.2971, 68.4943, 120.1607



70.0744, 68.4943, 43.7098



55.0904, 68.4943, 102.0600

Square

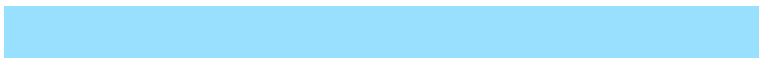
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



70.0744, 68.4943, 43.7098



53.1708, 68.4943, 61.5302



60.3701, 68.4943, 117.3563



78.6961, 68.4943, 89.3525

Rectangle

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



70.0744, 68.4943, 43.7098



58.6806, 68.4943, 45.4088



60.3701, 68.4943, 117.3563



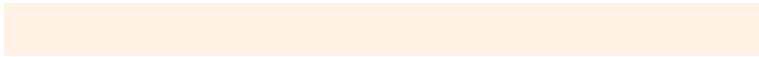
71.9750, 68.4943, 114.1456

Sweetspot

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



70.0761, 68.4975, 43.7112



86.4129, 89.4326, 85.3446



65.7998, 51.7570, 67.5280



18.2826, 18.8774, 17.6974



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.



70.0761, 68.4975, 43.7112



66.1711, 63.2137, 34.6211



83.0292, 94.4037, 48.0289



18.7349, 19.4379, 18.9088



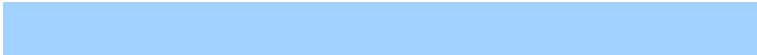
25.4239, 18.8591, 2.3002



2.5842, 2.0538, 0.2602

Inverse Universe

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



55.9961, 60.9924, 103.4291



50.1605, 54.6767, 102.5177



46.1460, 41.2923, 100.1458



17.7784, 18.9283, 22.9665



13.8648, 12.6392, 51.1434



1.4594, 1.4495, 5.0161

Previews

White Background



This preview shows how the XYZ color 70.0744, 68.4943, 43.7098 looks on a white background.

Color Contrast Check

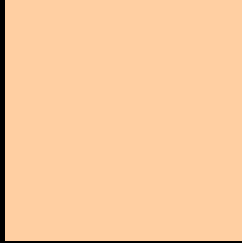
Large Text (above 18pt) WCAG AA × Fail

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 70.0744, 68.4943, 43.7098 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 70.0744, 68.4943, 43.7098

Background



This preview shows how black text looks on a background with the XYZ color 70.0744, 68.4943, 43.7098.



This preview shows how white text looks on a background with the XYZ color 70.0744, 68.4943,

43.7098.

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

70.0744, 68.4943, 43.7098

Protanopia

64.3938, 68.8538, 45.9726

Deuteranopia

70.0744, 68.4943, 43.7098



Tritanopia

74.6263, 68.4074, 73.5607

Trichromacy



Original Color

70.0744, 68.4943, 43.7098

Protanomaly

66.5210, 68.8304, 45.3769

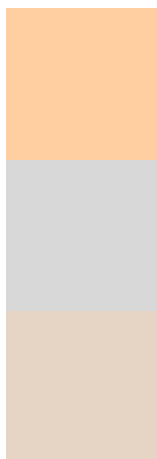
Deuteranomaly

70.0744, 68.4943, 43.7098

Tritanomaly

72.7967, 68.4313, 61.5963

Monochromacy



Original Color

70.0744, 68.4943, 43.7098

Achromatopsia

65.2694, 68.6685, 74.7800

Achromatomaly

66.3912, 68.3970, 61.9273

CSS Examples

Text

The CSS property to change the color of the text to XYZ 70.0744, 68.4943, 43.7098 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, 207, 162)` looks like.

```
.text, #text, p{  
    color:rgb(255, 207, 162)  
}
```

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, 207, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 207, 162) }
```

Border

The CSS property to change the border of an element to XYZ 70.0744, 68.4943, 43.7098 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, 207, 162) }
```


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

```
.border{ border-color:rgb(255, 207, 162) }
```

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

Here you see how a box with a 4 pixel rgb(255, 207, 162) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 207, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 207, 162);  
box-shadow:4px 4px 4px 4px rgb(255, 207,  
162) }
```

Background

The CSS property to change the background color of an element to XYZ 70.0744, 68.4943, 43.7098 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 207, 162) }
```

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

```
.background{ background-color: rgb(255,  
207, 162) }
```

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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