

Converting Colors

XYZ(70.2459, 70.0064, 43.9751)

Have a look what the booklet for
XYZ(70.2459, 70.0064, 43.9751)
contains.

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Color

**XYZ(70.3239, 70.0798,
44.0027)**

Conversions

Conversions Part 1

Format	Color
Hex	FDD3A2
RGB	253, 211, 162
RGB Percent	99%, 83%, 64%
CMY	0.0078, 0.1725, 0.3647
CMYK	0.00, 0.17, 0.36, 0.01
HSL	32°, 96%, 81%
HSV	32°, 36%, 99%
XYZ	70.3239, 70.0798, 44.0027
YIQ	217.9720, 40.7610, -6.3350

Conversions

Conversions Part 2

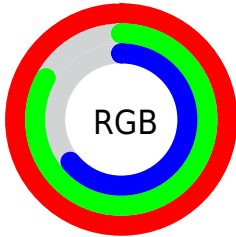
Format	Color
RYB	240, 253, 162
Decimal	16634786
CIELab	87.04, 8.11, 29.78
CIELCh	87, 30.866, 74.770
Yxy	70.0798, 0.3814, 0.3800
Android (android.graphics.Color)	4294824866 (0xFFFDD3A2)
YUV	217.9720, -27.5942, 30.7196
Hunter-Lab	83.7137, 3.4505, 27.4348

Details

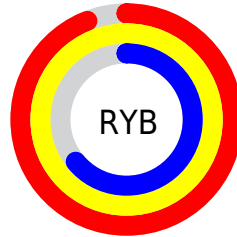
The XYZ color **70.3239, 70.0798, 44.0027** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **54.2222, 57.9571, 101.2577**, and the grayscale version is **66.7873, 70.2655, 76.5191**.

A 20% lighter version of the original color is **89.5244, 97.7898, 79.8025**, and **37.3771, 36.8418, 19.8930** is the 20% darker color. If you saturate the color by 10%, you get **65.5017, 63.6796, 32.3940**, and if you desaturate by 10%, it is **75.8128, 77.0889, 58.0672**.

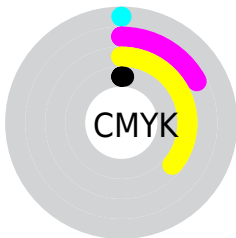
Distribution



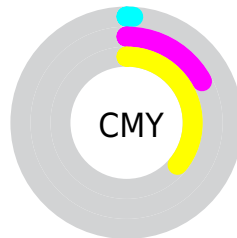
- Red (99%)
- Green (83%)
- Blue (64%)



- Red (94%)
- Yellow (99%)
- Blue (64%)



- Cyan (0%)
- Magenta (17%)
- Yellow (36%)
- Black (1%)





- Cyan (1%)
- Magenta (17%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 70.3239, 70.0798, 44.0027 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 70.3239, 70.0798, 44.0027 by changing the saturation by 10% instead.


 70.3239, 70.0798,
44.0027


 70.3239, 70.0798,
44.0027


450.9352,
460.8301, 378.7610

 52.0712, 51.5916,
30.3354


 118.6943,
119.3225, 82.5243

 37.2863, 36.6796,
19.8391


 149.5427,
150.8459, 108.2158

 25.6039, 24.9596,
12.0952

185.3203,
187.4830, 138.7523

 16.6587, 16.0469,
6.6852

226.3926,
229.6184, 174.5525

 10.0852, 9.5574,
3.1906

273.1249,
277.6364, 216.0350

 5.5182, 5.1065,
1.1928

325.8825,

 2.5923, 2.3099,

331.9215, 263.6182

0.0000

385.0308,
392.8579, 317.7207

■ 0.9420, 0.7789,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 70.3239, 70.0798,
44.0027

■ 70.3239, 70.0798,
44.0027

■ 65.5017, 63.6796,
32.3940

■ 75.8128, 77.0889,
58.0672

■ 61.3092, 57.8587,
23.0917

■ 81.9925, 84.7158,
74.7165

■ 57.7133, 52.5990,
15.9364

■ 88.8920, 92.9814,
94.0755

■ 54.6751, 47.8775,
10.7465

94.3181, 99.6227,
108.8657

■ 52.1496, 43.6683,
7.3097

■ 50.0820, 39.9411,
5.3628

■ 49.3469, 38.5603,
4.8420

Harmonies

Analogous

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



76.9625, 70.0798, 51.5818



70.3239, 70.0798, 44.0027



63.1305, 70.0798, 43.9455

Triad

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



70.3239, 70.0798, 44.0027



54.0622, 70.0798, 86.9007



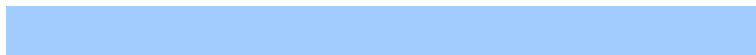
76.8759, 70.0798, 108.1676

Complementary

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



70.3239, 70.0798, 44.0027



54.2222, 57.9571, 101.2577

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.



70.2124, 70.0798, 121.5870



70.3239, 70.0798, 44.0027



57.2279, 70.0798, 107.8832

Square

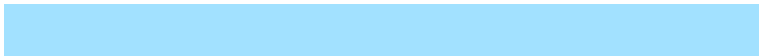
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



70.3239, 70.0798, 44.0027



54.0873, 70.0798, 66.3266



63.0268, 70.0798, 121.4745



80.9273, 70.0798, 87.2371

Rectangle

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



70.3239, 70.0798, 44.0027



58.9986, 70.0798, 48.0746



63.0268, 70.0798, 121.4745



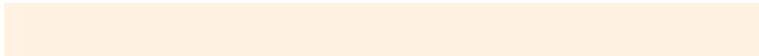
74.8467, 70.0798, 113.8613

Sweetspot

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



70.3257, 70.0831, 44.0041



86.8669, 90.3406, 85.4960



64.3840, 51.1061, 63.8924



18.3907, 19.0937, 17.7334



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.



70.3257, 70.0831, 44.0041



68.0656, 66.6907, 36.2149



81.0596, 93.1773, 47.8960



18.8197, 19.6076, 18.9371



26.3982, 20.8077, 2.6250



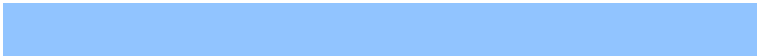
2.6797, 2.2447, 0.2920

Inverse Universe

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



54.2222, 57.9571, 101.2577



49.5178, 52.7294, 102.1757



46.1747, 40.9363, 98.3965



17.6938, 18.7592, 22.9383



12.9424, 10.7945, 50.8360



1.3680, 1.2667, 4.9857

Previews

White Background



This preview shows how the XYZ color 70.3239, 70.0798, 44.0027 looks on a white background.

Color Contrast Check

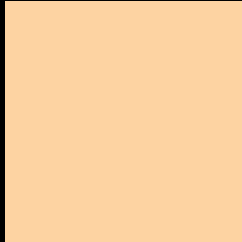
Large Text (above 18pt) WCAG AA × Fail

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 70.3239, 70.0798, 44.0027 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

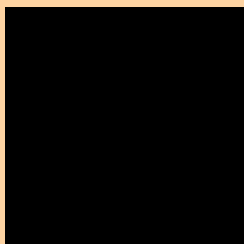
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 70.3239, 70.0798, 44.0027

Background



This preview shows how black text looks on a background with the XYZ color 70.3239, 70.0798, 44.0027.



This preview shows how white text looks on a background with the XYZ color 70.3239, 70.0798,

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

70.3239, 70.0798, 44.0027

Protanopia

65.4672, 70.1831, 45.6935

Deuteranopia

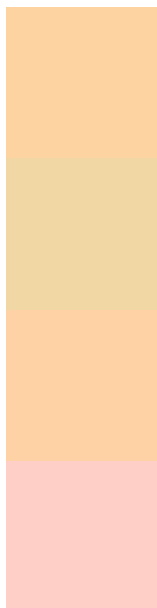
71.2616, 70.1432, 46.3423



Tritanopia

75.8575, 70.0371, 76.5382

Trichromacy



Original Color

70.3239, 70.0798, 44.0027

Protanomaly

66.9365, 69.8065, 45.0680

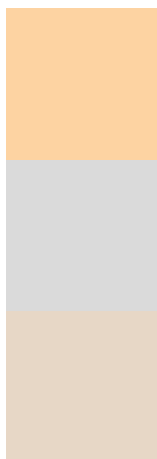
Deuteranomaly

70.7112, 69.8806, 45.3587

Tritanomaly

73.3789, 69.7737, 63.0263

Monochromacy



Original Color

70.3239, 70.0798, 44.0027

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 70.3239, 70.0798, 44.0027 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, 211, 162)` looks like.

```
.text, #text, p{  
    color:rgb(253, 211, 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(253, 211, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 211, 162) }
```

Border

The CSS property to change the border of an element to XYZ 70.3239, 70.0798, 44.0027 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, 211, 162) }
```


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

```
.border{ border-color:rgb(253, 211, 162) }
```

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

Here you see how a box with a 4 pixel rgb(253, 211, 162) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 211, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 211, 162);  
box-shadow:4px 4px 4px 4px rgb(253, 211,  
162) }
```

Background

The CSS property to change the background color of an element to XYZ 70.3239, 70.0798, 44.0027 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 211, 162) }
```

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

```
.background{ background-color: rgb(253,  
211, 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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