

Converting Colors

XYZ(70.8868, 69.0399, 54.3896)

Have a look what the booklet for
XYZ(70.8868, 69.0399, 54.3896)
contains.

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Color

**XYZ(70.8868, 69.0399,
54.3896)**

Conversions

Conversions Part 1

Format	Color
Hex	FBD0B7
RGB	251, 208, 183
RGB Percent	98%, 82%, 72%
CMY	0.0157, 0.1843, 0.2823
CMYK	0.00, 0.17, 0.27, 0.02
HSL	22°, 89%, 85%
HSV	22°, 27%, 98%
XYZ	70.8868, 69.0399, 54.3896
YIQ	218.0070, 33.6530, 1.3410

Conversions

Conversions Part 2

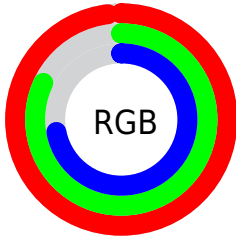
Format	Color
RYB	251, 223, 183
Decimal	16502967
CIELab	86.52, 11.52, 18.08
CIElCh	87, 21.434, 57.491
Yxy	69.0399, 0.3648, 0.3553
Android (android.graphics.Color)	4294693047 (0xFFFBDB7)
YUV	218.0070, -17.2585, 28.9349
Hunter-Lab	83.0903, 6.8758, 19.3529

Details

The XYZ color **70.8868, 69.0399, 54.3896** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **64.1367, 71.4229, 101.6728**, and the grayscale version is **66.7459, 70.2219, 76.4717**.

A 20% lighter version of the original color is **92.5800, 99.0120, 95.8931**, and **37.8330, 36.1922, 26.1109** is the 20% darker color. If you saturate the color by 10%, you get **64.8264, 60.7336, 40.6094**, and if you desaturate by 10%, it is **77.8039, 78.3133, 70.7554**.

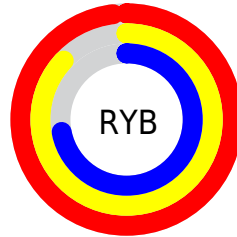
Distribution



Red (98%)

Green (82%)

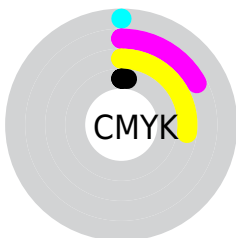
Blue (72%)



Red (98%)

Yellow (87%)

Blue (72%)

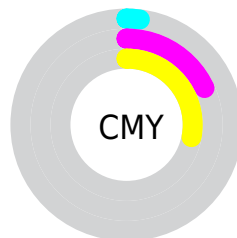


Cyan (0%)

Magenta (17%)

Yellow (27%)

Black (2%)



Cyan (2%)


Magenta (18%)


Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 70.8868, 69.0399, 54.3896 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 70.8868, 69.0399, 54.3896 by changing the saturation by 10% instead.


 70.8868, 69.0399,
54.3896

 70.8868, 69.0399,
54.3896


452.8756,
457.1717, 420.8105

 52.5320, 50.7442,
38.5179


 119.4919,
117.8386, 98.1082

 37.6553, 36.0051,
26.0800


150.4730,
149.1103, 126.7922

 25.8913, 24.4381,
16.6572


186.3935,
185.4762, 160.5841

 16.8746, 15.6589,
9.8310

227.6188,
227.3207, 199.9024

 10.2398, 9.2831,
5.1829

274.5144,
275.0280, 245.1657

 5.6218, 4.9263,
2.2944

327.4454,

 2.6549, 2.2041,

328.9827, 296.7924

0.7281

386.7774,
389.5692, 355.2012

■ 0.9740, 0.7222,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 70.8868, 69.0399,
54.3896

■ 70.8868, 69.0399,
54.3896

■ 64.8264, 60.7336,
40.6094

■ 77.8039, 78.3133,
70.7554

■ 59.5813, 53.3523,
29.2762

■ 85.6062, 88.5751,
89.8267

■ 55.1142, 46.8647,
20.2452

■ 93.5938, 99.2493,
108.8319

■ 51.3828, 41.2338,
13.3539

■ 48.3398, 36.4196,
8.4187

■ 45.9312, 32.3781,
5.2240

■ 44.0906, 29.0590,
3.4948

■ 43.6369, 28.2154,
3.1462

Harmonies

Analogous

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



74.4601, 69.0399, 63.2429



70.8868, 69.0399, 54.3896



66.0392, 69.0399, 51.0291

Triad

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



70.8868, 69.0399, 54.3896



56.5360, 69.0399, 73.9821



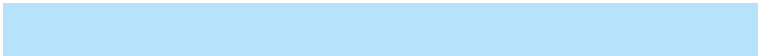
70.1274, 69.0399, 102.1334

Complementary

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



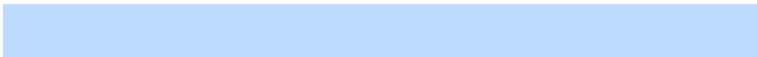
70.8868, 69.0399, 54.3896



64.1367, 71.4229, 101.6728

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.



65.2033, 69.0399, 105.9353



70.8868, 69.0399, 54.3896



57.5094, 69.0399, 88.5156

Square

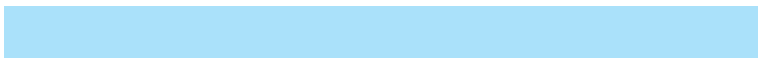
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



70.8868, 69.0399, 54.3896



57.8930, 69.0399, 61.4133



60.6214, 69.0399, 100.6721



74.0064, 69.0399, 90.8475

Rectangle

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



70.8868, 69.0399, 54.3896



62.7921, 69.0399, 51.9915



60.6214, 69.0399, 100.6721



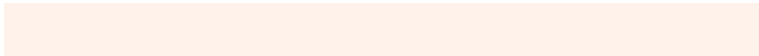
68.5323, 69.0399, 104.3866

Sweetspot

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



70.8886, 69.0431, 54.3910



87.9600, 90.7998, 91.1847



70.4544, 59.8716, 79.8431



18.5563, 19.0808, 18.8493



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

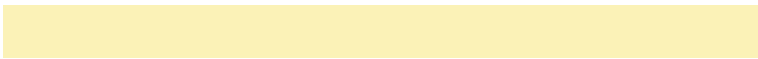
The Same Dimension uses a secret algorithm to generate beautiful new colors.



70.8886, 69.0431, 54.3910



69.6486, 66.3389, 47.5870



80.0637, 87.3932, 57.4494



17.7673, 18.2704, 18.0525



23.0641, 15.0848, 1.6960



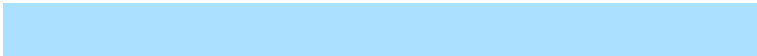
2.2335, 1.5918, 0.1895

Inverse Universe

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



64.1367, 71.4229, 101.6728



61.4827, 69.2026, 104.7247



55.8061, 54.7617, 98.8959



17.1979, 18.4726, 22.0444



15.7866, 16.9289, 50.4091



1.5633, 1.7702, 4.7025

Previews

White Background



This preview shows how the XYZ color 70.8868, 69.0399, 54.3896 looks on a white background.

Color Contrast Check

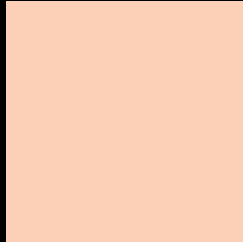
Large Text (above 18pt) WCAG AA × Fail

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 70.8868, 69.0399, 54.3896 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 70.8868, 69.0399, 54.3896

Background



This preview shows how black text looks on a background with the XYZ color 70.8868, 69.0399, 54.3896.






This preview shows how white text looks on a background with the XYZ color 70.8868, 69.0399,

54.3896.

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

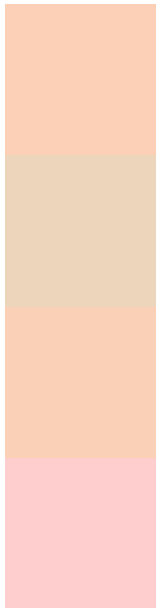
	Original Color 70.8868, 69.0399, 54.3896
	Protanopia 65.2041, 69.0305, 56.9013
	Deuteranopia 70.7720, 69.3438, 54.4544



Tritanopia

75.3821, 69.0863, 76.3798

Trichromacy



Original Color

70.8868, 69.0399, 54.3896

Protanomaly

67.2492, 68.9665, 56.2218

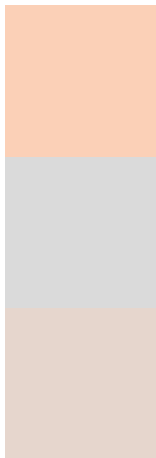
Deuteranomaly

70.7720, 69.3438, 54.4544

Tritanomaly

73.8450, 69.1897, 67.8554

Monochromacy



Original Color

70.8868, 69.0399, 54.3896

Achromatopsia

66.6397, 70.1102, 76.3500

Achromatomaly

67.6991, 69.3239, 67.5703

CSS Examples

Text

The CSS property to change the color of the text to XYZ 70.8868, 69.0399, 54.3896 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(251, 208, 183)` looks like.

```
.text, #text, p{  
    color:rgb(251, 208, 183)  
}
```

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(251, 208, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 208, 183) }
```

Border

The CSS property to change the border of an element to XYZ 70.8868, 69.0399, 54.3896 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(251, 208, 183) }
```


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

```
.border{ border-color:rgb(251, 208, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 208, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 208, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 208, 183);  
box-shadow:4px 4px 4px 4px rgb(251, 208,  
183) }
```

Background

The CSS property to change the background color of an element to XYZ 70.8868, 69.0399, 54.3896 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 208, 183) }
```

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

```
.background{ background-color: rgb(251,  
208, 183) }
```

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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