

Converting Colors

XYZ(69.8638, 72.1702, 38.0968)

Have a look what the booklet for
XYZ(69.8638, 72.1702, 38.0968)
contains.

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Color

**XYZ(69.9418, 72.2731,
38.2807)**

Conversions

Conversions Part 1

Format	Color
Hex	FBD994
RGB	251, 217, 148
RGB Percent	98%, 85%, 58%
CMY	0.0157, 0.1490, 0.4196
CMYK	0.00, 0.14, 0.41, 0.02
HSL	40°, 93%, 78%
HSV	40°, 41%, 98%
XYZ	69.9418, 72.2731, 38.2807
YIQ	219.3000, 42.4130, -14.2510

Conversions

Conversions Part 2

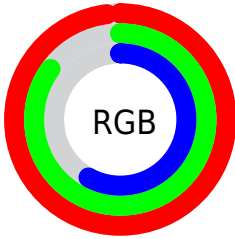
Format	Color
R _Y B	199, 251, 148
Decimal	16505236
CIE Lab	88.10, 2.70, 38.33
CIE LCh	88, 38.420, 85.967
Yxy	72.2731, 0.3875, 0.4004
Android (android.graphics.Color)	4294695316 (0xFFFFBD994)
YUV	219.3000, -35.1509, 27.8009
Hunter-Lab	85.0136, -1.9195, 32.8119

Details

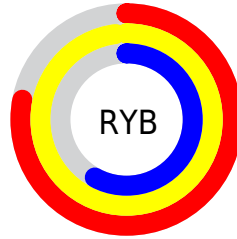
The XYZ color **69.9418, 72.2731, 38.2807** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **46.3527, 46.7151, 97.8405**, and the grayscale version is **67.7577, 71.2864, 77.6309**.

A 20% lighter version of the original color is **87.7795, 97.0918, 70.6140**, and **37.0240, 38.0226, 16.4541** is the 20% darker color. If you saturate the color by 10%, you get **66.0851, 67.4017, 28.2336**, and if you desaturate by 10%, it is **74.3401, 77.5379, 50.6351**.

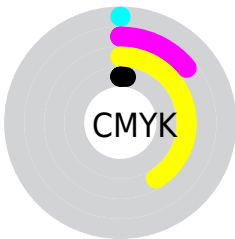
Distribution



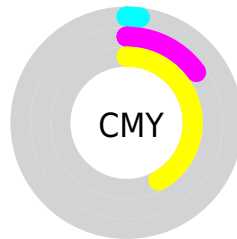
- Red (98%)
- Green (85%)
- Blue (58%)



- Red (78%)
- Yellow (98%)
- Blue (58%)



- Cyan (0%)
- Magenta (14%)
- Yellow (41%)
- Black (2%)




- Cyan (2%)
- Magenta (15%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 69.9418, 72.2731, 38.2807 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 69.9418, 72.2731, 38.2807 by changing the saturation by 10% instead.


 69.9418, 72.2731,
38.2807

 69.9418, 72.2731,
38.2807


449.6152,
468.4916, 354.1568

 51.7585, 53.3818,
25.8971


 118.1525,
122.4447, 73.7464

 37.0361, 38.1076,
16.5216


 148.9106,
154.4938, 97.6655

 25.4093, 26.0662,
9.7357


184.5910,
191.6977, 126.2669

 16.5126, 16.8732,
5.1207

225.5591,
234.4406, 159.9691

 9.9807, 10.1441,
2.2583

272.1802,
283.1071, 199.1907

 5.4484, 5.4946,
0.7077

324.8197,

 2.5501, 2.5403,

338.0815, 244.3501

0.0000

383.8429,
399.7482, 295.8660

■ 0.9206, 0.8967,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 69.9418, 72.2731,
38.2807

■ 69.9418, 72.2731,
38.2807

■ 66.0851, 67.4017,
28.2336

■ 74.3401, 77.5379,
50.6351

■ 62.7349, 62.8993,
20.3407

■ 79.3018, 83.1994,
65.4278

■ 59.8600, 58.7535,
14.4373

■ 84.8536, 89.2732,
82.7849

■ 57.4226, 54.9466,
10.3327

■ 91.0192, 95.7712,
102.8228

■ 55.3777, 51.4579,
7.7984

■ 93.5936, 99.2492,
108.8318

■ 53.8158, 48.5736,
6.5392

Harmonies

Analogous

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



79.0498, 72.2731, 43.8033



69.9418, 72.2731, 38.2807



61.2532, 72.2731, 41.4423

Triad

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



69.9418, 72.2731, 38.2807



54.0192, 72.2731, 102.9594



84.3788, 72.2731, 110.4998

Complementary

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



69.9418, 72.2731, 38.2807



46.3527, 46.7151, 97.8405

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.



76.7130, 72.2731, 133.4315



69.9418, 72.2731, 38.2807



59.2835, 72.2731, 128.4417

Square

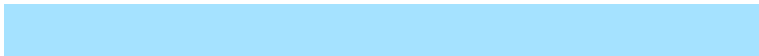
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



69.9418, 72.2731, 38.2807



52.5521, 72.2731, 75.1925



67.4600, 72.2731, 140.6341



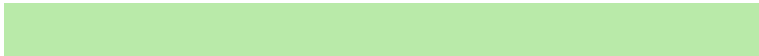
87.8415, 72.2731, 82.3007

Rectangle

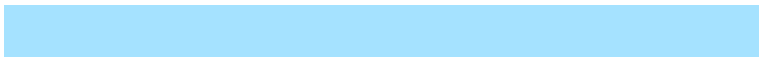
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



69.9418, 72.2731, 38.2807



56.7721, 72.2731, 48.5345



67.4600, 72.2731, 140.6341



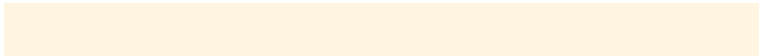
82.1766, 72.2731, 119.3042

Sweetspot

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



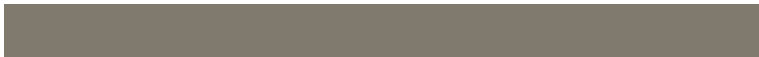
69.9436, 72.2765, 38.2822



87.3713, 91.9084, 83.9409



58.8519, 45.0809, 50.0372



18.5341, 19.4919, 17.4376



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.



69.9436, 72.2765, 38.2822



69.2589, 70.8456, 31.1609



73.7196, 88.5967, 41.2333



18.2165, 19.1688, 18.2022



28.4268, 25.8103, 3.4836



2.7298, 2.5844, 0.3550

Inverse Universe

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



46.3527, 46.7151, 97.8405



41.8810, 41.2046, 100.3537



43.5549, 36.1629, 95.9511



16.7509, 17.5787, 21.8955



10.8906, 7.1367, 48.7771



1.1014, 0.8464, 4.5485

Previews

White Background



This preview shows how the XYZ color 69.9418, 72.2731, 38.2807 looks on a white background.

Color Contrast Check

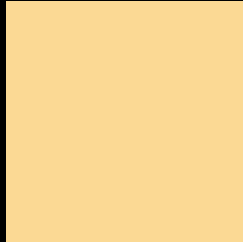
Large Text (above 18pt) WCAG AA × Fail

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 69.9418, 72.2731, 38.2807 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 69.9418, 72.2731, 38.2807

Background



This preview shows how black text looks on a background with the XYZ color 69.9418, 72.2731, 38.2807.



This preview shows how white text looks on a background with the XYZ color 69.9418, 72.2731,

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

69.9418, 72.2731, 38.2807

Protanopia

66.9581, 72.2656, 39.2738

Deuteranopia

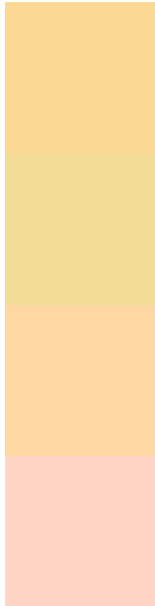
72.5423, 72.2554, 48.1535



Tritanopia

77.3597, 72.1886, 79.6685

Trichromacy



Original Color

69.9418, 72.2731, 38.2807

Protanomaly

67.9802, 72.4110, 38.8276

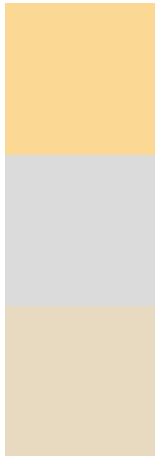
Deuteranomaly

71.6951, 72.2803, 44.3552

Tritanomaly

74.3803, 72.1433, 62.2293

Monochromacy



Original Color

69.9418, 72.2731, 38.2807

Achromatopsia

67.3311, 70.8376, 77.1421

Achromatomaly

67.6520, 70.9820, 60.5873

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.9418, 72.2731, 38.2807 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, 217, 148)` looks like.

```
.text, #text, p{  
    color:rgb(251, 217, 148)  
}
```

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, 217, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 217, 148) }
```

Border

The CSS property to change the border of an element to XYZ 69.9418, 72.2731, 38.2807 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, 217, 148) }
```


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

```
.border{ border-color:rgb(251, 217, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 217, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 217, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 217, 148);  
box-shadow:4px 4px 4px 4px rgb(251, 217,  
148) }
```

Background

The CSS property to change the background color of an element to XYZ 69.9418, 72.2731, 38.2807 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 217, 148) }
```

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

```
.background{ background-color: rgb(251,  
217, 148) }
```

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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