

Converting Colors

XYZ(69.3905, 74.3276, 38.7082)

Have a look what the booklet for
XYZ(69.3905, 74.3276, 38.7082)
contains.

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Color

**XYZ(69.3892, 74.3259,
38.7061)**

Conversions

Conversions Part 1

Format	Color
Hex	F5DF94
RGB	245, 223, 148
RGB Percent	96%, 87%, 58%
CMY	0.0392, 0.1255, 0.4196
CMYK	0.00, 0.09, 0.40, 0.04
HSL	46°, 83%, 77%
HSV	46°, 40%, 96%
XYZ	69.3892, 74.3259, 38.7061
YIQ	221.0280, 37.1870, -18.6610

Conversions

Conversions Part 2

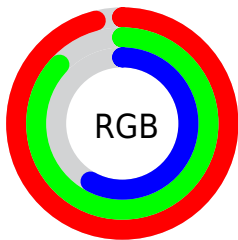
Format	Color
R _Y B	176, 245, 148
Decimal	16113556
CIE Lab	89.08, -2.70, 39.49
CIE LCh	89, 39.580, 93.910
Yxy	74.3259, 0.3804, 0.4074
Android (android.graphics.Color)	4294303636 (0xFFF5DF94)
YUV	221.0280, -36.0028, 21.0234
Hunter-Lab	86.2125, -7.2038, 33.7298

Details

The XYZ color **69.3892, 74.3259, 38.7061** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **43.0687, 41.6368, 92.1531**, and the grayscale version is **68.9750, 72.5671, 79.0256**.

A 20% lighter version of the original color is **87.7795, 97.0918, 70.6140**, and **36.6075, 39.4146, 16.7447** is the 20% darker color. If you saturate the color by 10%, you get **66.1922, 70.7136, 29.0646**, and if you desaturate by 10%, it is **73.0491, 78.2066, 50.5284**.

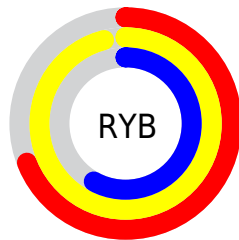
Distribution



Red (96%)

Green (87%)

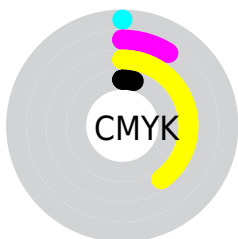
Blue (58%)



Red (69%)

Yellow (96%)

Blue (58%)

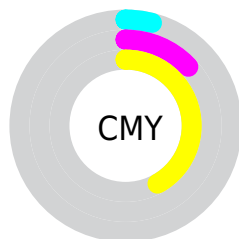


Cyan (0%)

Magenta (9%)

Yellow (40%)

Black (4%)



Cyan (4%)

Magenta (13%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 69.3892, 74.3259, 38.7061 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 69.3892, 74.3259, 38.7061 by changing the saturation by 10% instead.

69.3892, 74.3259,
38.7061

69.3892, 74.3259,
38.7061

447.7024,
475.5974, 356.0279

51.3065, 55.0608,
26.2251

117.3683,
125.3577, 74.4045

36.6747, 39.4504,
16.7648

147.9955,
157.8932, 98.4590

25.1282, 27.1103,
9.9068

183.5349,
195.6209, 127.2084

16.3018, 17.6561,
5.2324

224.3518,
238.9253, 161.0712

9.8302, 10.7034,
2.3231

270.8117,
288.1908, 200.4661

5.3479, 5.8677,
0.7441

323.2798,

2.4897, 2.7648,

343.8017, 245.8114

0.0000

382.1216,
406.1424, 297.5259

■ 0.8900, 1.0102,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 69.3892, 74.3259,
38.7061

■ 69.3892, 74.3259,
38.7061

■ 66.1922, 70.7136,
29.0646

■ 73.0491, 78.2066,
50.5284

■ 63.4259, 67.3481,
21.4615

■ 77.1906, 82.3560,
64.6526

■ 61.0626, 64.2203,
15.7451

■ 81.8381, 86.7871,
81.1963

■ 59.0685, 61.3159,
11.7398

■ 87.0124, 91.5090,
100.2676

■ 57.4038, 58.6180,
9.2373

■ 90.1356, 95.4912,
108.2887

■ 56.0047, 56.1006,
7.9055

■ 91.4662, 98.1525,
108.7323

■ 55.9501, 56.0003,
7.8602

Harmonies

Analogous

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



79.1067, 74.3259, 42.0268



69.3892, 74.3259, 38.7061



60.8076, 74.3259, 44.4070

Triad

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



69.3892, 74.3259, 38.7061



56.3617, 74.3259, 114.2729



88.6177, 74.3259, 106.5684

Complementary

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



69.3892, 74.3259, 38.7061



43.0687, 41.6368, 92.1531

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.



81.4889, 74.3259, 133.4126



69.3892, 74.3259, 38.7061



62.8084, 74.3259, 138.5237

Square

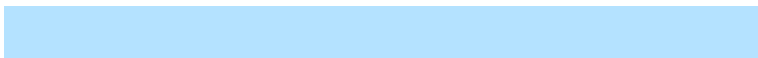
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



69.3892, 74.3259, 38.7061



53.7311, 74.3259, 84.5991



71.9149, 74.3259, 146.2192



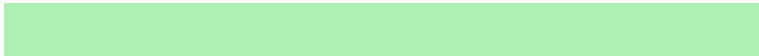
90.7800, 74.3259, 77.3652

Rectangle

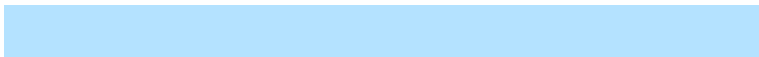
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



69.3892, 74.3259, 38.7061



56.7101, 74.3259, 53.5320



71.9149, 74.3259, 146.2192



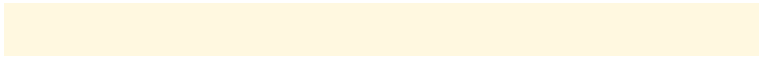
86.6927, 74.3259, 116.3666

Sweetspot

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



69.3910, 74.3293, 38.7076



88.3352, 93.8362, 84.2622



55.5625, 43.5194, 43.8176



18.7617, 19.9472, 17.5135



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.



69.3910, 74.3293, 38.7076



72.9825, 78.0153, 33.2576



67.2517, 82.5240, 40.4021



17.5774, 18.6389, 17.4688



30.2505, 30.3865, 4.2708



2.7348, 2.8228, 0.4007

Inverse Universe

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



43.0687, 41.6368, 92.1531



40.2921, 37.4385, 99.7105



44.4980, 36.7567, 91.1358



15.8860, 16.5362, 20.8971



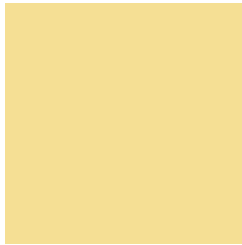
9.7143, 5.2224, 47.0340



0.9281, 0.6077, 4.1586

Previews

White Background



This preview shows how the XYZ color 69.3892, 74.3259, 38.7061 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 69.3892, 74.3259, 38.7061 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 69.3892, 74.3259, 38.7061

Background



This preview shows how black text looks on a background with the XYZ color 69.3892, 74.3259, 38.7061.

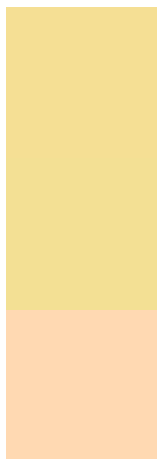


This preview shows how white text looks on a background with the XYZ color 69.3892, 74.3259,

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

69.3892, 74.3259, 38.7061

Protanopia

68.9631, 74.5041, 38.7630

Deuteranopia

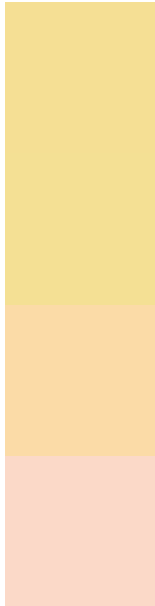
74.0887, 74.1001, 52.5173



Tritanopia

78.8102, 74.3165, 84.3195

Trichromacy



Original Color

69.3892, 74.3259, 38.7061

Protanomaly

69.3092, 74.6825, 38.7792

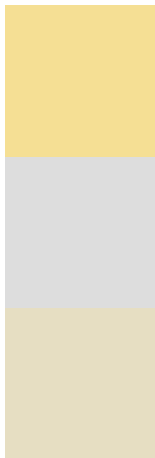
Deuteranomaly

72.0902, 73.9623, 47.0358

Tritanomaly

75.0218, 74.3051, 65.0318

Monochromacy



Original Color

69.3892, 74.3259, 38.7061

Achromatopsia

68.7264, 72.3055, 78.7407

Achromatomaly

68.4920, 72.9606, 61.5118

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.3892, 74.3259, 38.7061 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(245, 223, 148)` looks like.

```
.text, #text, p{  
    color:rgb(245, 223, 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(245, 223, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 223, 148) }
```

Border

The CSS property to change the border of an element to XYZ 69.3892, 74.3259, 38.7061 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(245, 223, 148) }
```


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

```
.border{ border-color:rgb(245, 223, 148) }
```

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

Here you see how a box with a 4 pixel rgb(245, 223, 148) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 223, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 223, 148);  
box-shadow:4px 4px 4px 4px rgb(245, 223,  
148) }
```

Background

The CSS property to change the background color of an element to XYZ 69.3892, 74.3259, 38.7061 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 223, 148) }
```

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

```
.background{ background-color: rgb(245,  
223, 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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