

Converting Colors

XYZ(70.3968, 74.4217, 58.3512)

Have a look what the booklet for
XYZ(70.3968, 74.4217, 58.3512)
contains.

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Color

**XYZ(70.3898, 74.4107,
58.2297)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | EDDFBC |
| RGB | 237, 223, 188 |
| RGB Percent | 93%, 87%, 74% |
| CMY | 0.0706, 0.1255, 0.2627 |
| CMYK | 0.00, 0.06, 0.21, 0.07 |
| HSL | 43°, 58%, 83% |
| HSV | 43°, 21%, 93% |
| XYZ | 70.3898, 74.4107, 58.2297 |
| YIQ | 223.1960, 19.5790, -7.9170 |

Conversions

Conversions Part 2

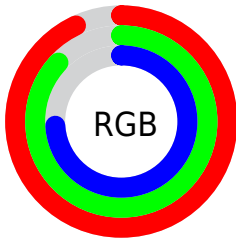
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 208, 237, 188 |
| Decimal | 15589308 |
| CIE _{Lab} | 89.12, -0.72, 18.90 |
| CIE _{LCh} | 89, 18.909, 92.174 |
| Yxy | 74.4107, 0.3467, 0.3665 |
| Android (android.graphics.Color) | 4293779388 (0xFFEDDFBC) |
| YUV | 223.1960, -17.3516, 12.1061 |
| Hunter-Lab | 86.2616, -5.3012, 20.3603 |

Details

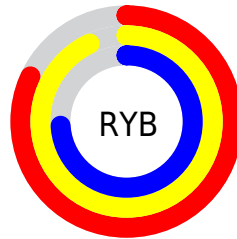
The XYZ color **70.3898, 74.4107, 58.2297** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **57.1453, 59.0454, 88.5062**, and the grayscale version is **70.3899, 74.0557, 80.6466**.

A 20% lighter version of the original color is **93.3291, 99.3117, 99.8380**, and **37.4319, 39.5783, 28.5882** is the 20% darker color. If you saturate the color by 10%, you get **66.2700, 69.9291, 45.2699**, and if you desaturate by 10%, it is **75.0055, 79.2115, 73.4265**.

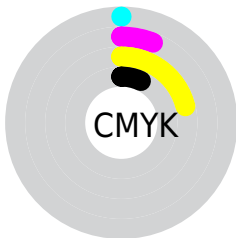
Distribution



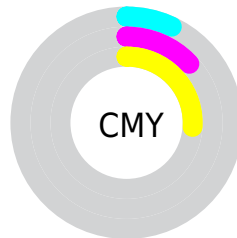
- Red (93%)
- Green (87%)
- Blue (74%)



- Red (82%)
- Yellow (93%)
- Blue (74%)



- Cyan (0%)
- Magenta (6%)
- Yellow (21%)
- Black (7%)





- Cyan (7%)
- Magenta (13%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 70.3898, 74.4107, 58.2297 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 70.3898, 74.4107, 58.2297 by changing the saturation by 10% instead.


 70.3898, 74.4107,
58.2297

 70.3898, 74.4107,
58.2297


451.1626,
475.8896, 435.6634

 52.1251, 55.1302,
41.5774


 118.7877,
125.4778, 103.7754

 37.3295, 39.5060,
28.4474


149.6517,
158.0333, 133.5058

 25.6375, 27.1536,
18.4213


185.4461,
195.7826, 168.4328

 16.6839, 17.6886,
11.0803

226.5363,
239.1100, 208.9747

 10.1033, 10.7267,
6.0060

273.2877,
288.4001, 255.5502

 5.5303, 5.8833,
2.7799

326.0657,

 2.5996, 2.7743,

344.0371, 308.5778

0.9834

385.2355,
406.4055, 368.4760

■ 0.9457, 1.0151,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 70.3898, 74.4107,
58.2297

■ 70.3898, 74.4107,
58.2297

■ 66.2700, 69.9291,
45.2699

■ 75.0055, 79.2115,
73.4265

■ 62.6188, 65.7467,
34.4342

■ 80.1311, 84.3306,
90.9561

■ 59.4152, 61.8564,
25.6073

■ 85.1195, 89.5133,
107.3992

■ 56.6341, 58.2467,
18.6606

■ 87.1863, 93.6468,
108.0882

■ 54.2472, 54.9050,
13.4508

■ 88.7352, 96.7446,
108.6045

■ 52.2228, 51.8169,
9.8135

■ 50.5225, 48.9659,
7.5527

■ 49.1710, 46.4962,
6.3831

Harmonies

Analogous

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



74.9395, 74.4107, 60.5993



70.3898, 74.4107, 58.2297



66.1141, 74.4107, 61.3953

Triad

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



70.3898, 74.4107, 58.2297



63.4918, 74.4107, 95.2883



78.8486, 74.4107, 93.4440

Complementary

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



70.3898, 74.4107, 58.2297



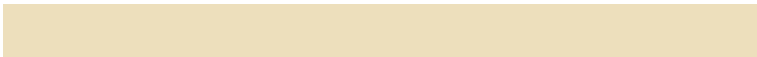
57.1453, 59.0454, 88.5062

Split Complementary

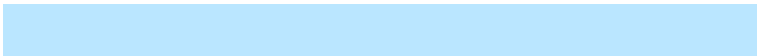
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



75.5458, 74.4107, 104.4371



70.3898, 74.4107, 58.2297



66.6718, 74.4107, 105.5805

Square

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



70.3898, 74.4107, 58.2297



62.2406, 74.4107, 81.9863



71.0615, 74.4107, 109.0955



79.9477, 74.4107, 80.0625

Rectangle

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



70.3898, 74.4107, 58.2297



63.9590, 74.4107, 66.4424



71.0615, 74.4107, 109.0955



77.9524, 74.4107, 97.5890

Sweetspot

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



70.3918, 74.4140, 58.2313



91.3054, 96.2970, 95.9795



63.6528, 58.2694, 64.2058



19.4588, 20.5270, 20.2558



0.0000, 0.0000, 0.0000



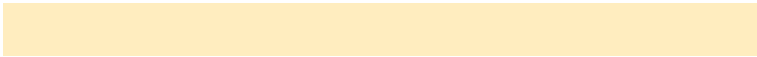
20.3446, 21.4041, 23.3091

Same Dimension

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



70.3918, 74.4140, 58.2313



80.8956, 85.4807, 61.6704



71.1035, 80.5631, 59.3807



15.9674, 16.8577, 15.9310



26.9629, 25.6200, 3.5241



2.1986, 2.1745, 0.3038

Inverse Universe

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



57.1453, 59.0454, 88.5062



62.5117, 64.1547, 103.6961



56.5062, 54.0605, 87.5777



14.5816, 15.2496, 19.0972



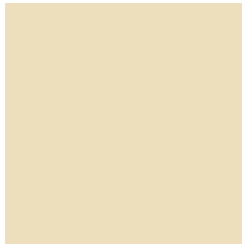
9.5607, 5.7684, 44.3525



0.8303, 0.6122, 3.5093

Previews

White Background



This preview shows how the XYZ color 70.3898, 74.4107, 58.2297 looks on a white background.

Color Contrast Check

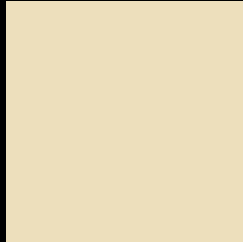
Large Text (above 18pt) WCAG AA × Fail

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 70.3898, 74.4107, 58.2297 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

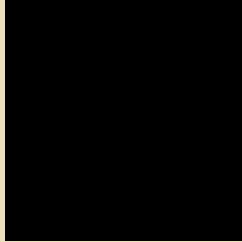
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 70.3898, 74.4107, 58.2297

Background



This preview shows how black text looks on a background with the XYZ color 70.3898, 74.4107, 58.2297.

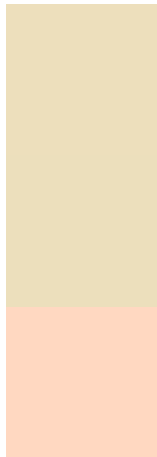


This preview shows how white text looks on a background with the XYZ color 70.3898, 74.4107,

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

70.3898, 74.4107, 58.2297

Protanopia

70.0568, 74.2391, 58.2141

Deuteranopia

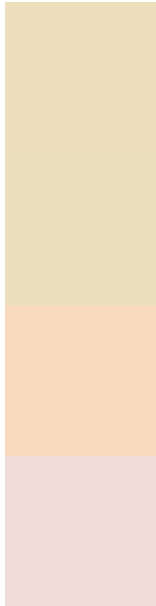
75.4215, 74.2220, 60.8032



Tritanopia

76.6263, 74.6209, 88.2065

Trichromacy



Original Color

70.3898, 74.4107, 58.2297

Protanomaly

70.0568, 74.2391, 58.2141

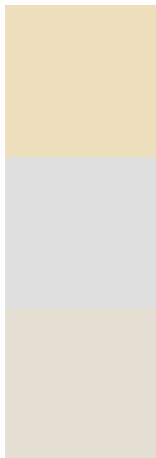
Deuteranomaly

73.4469, 74.3811, 59.7761

Tritanomaly

74.1315, 74.3736, 76.0940

Monochromacy



Original Color

70.3898, 74.4107, 58.2297

Achromatopsia

70.1384, 73.7910, 80.3584

Achromatomaly

70.0154, 73.9225, 71.5510

CSS Examples

Text

The CSS property to change the color of the text to XYZ 70.3898, 74.4107, 58.2297 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(237, 223, 188)` looks like.

```
.text, #text, p{  
    color:rgb(237, 223, 188)  
}
```

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(237, 223, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 223, 188) }
```

Border

The CSS property to change the border of an element to XYZ 70.3898, 74.4107, 58.2297 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(237, 223, 188) }
```


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

```
.border{ border-color:rgb(237, 223, 188) }
```

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

Here you see how a box with a 4 pixel rgb(237, 223, 188) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 223, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 223, 188);  
box-shadow:4px 4px 4px 4px rgb(237, 223,  
188) }
```

Background

The CSS property to change the background color of an element to XYZ 70.3898, 74.4107, 58.2297 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 223, 188) }
```

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

```
.background{ background-color: rgb(237,  
223, 188) }
```

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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