

Converting Colors

XYZ(70.0833, 72.0124, 41.6139)

Have a look what the booklet for
XYZ(70.0833, 72.0124, 41.6139)
contains.

XYZ(69.9810, 71.8360, 41.6298)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(69.9810, 71.8360,
41.6298)**

Conversions

Conversions Part 1

Format	Color
Hex	FAD89C
RGB	250, 216, 156
RGB Percent	98%, 85%, 61%
CMY	0.0196, 0.1529, 0.3882
CMYK	0.00, 0.14, 0.38, 0.02
HSL	38°, 90%, 80%
HSV	38°, 38%, 98%
XYZ	69.9810, 71.8360, 41.6298
YIQ	219.3260, 39.5240, -11.4520

Conversions

Conversions Part 2

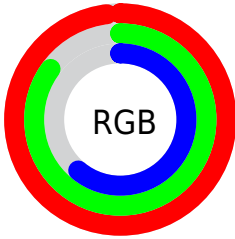
Format	Color
R _Y B	209, 250, 156
Decimal	16439452
CIE Lab	87.89, 3.69, 33.96
CIE LCh	88, 34.161, 83.795
Yxy	71.8360, 0.3815, 0.3916
Android (android.graphics.Color)	4294629532 (0xFFFA89C)
YUV	219.3260, -31.2197, 26.9011
Hunter-Lab	84.7561, -0.9402, 30.2077

Details

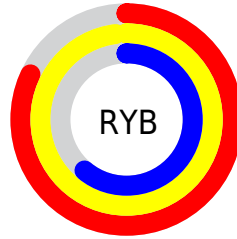
The XYZ color **69.9810, 71.8360, 41.6298** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **49.3786, 50.7954, 97.6446**, and the grayscale version is **67.7507, 71.2790, 77.6229**.

A 20% lighter version of the original color is **88.7579, 97.4831, 75.7661**, and **36.9818, 37.6957, 18.4235** is the 20% darker color. If you saturate the color by 10%, you get **65.8257, 66.5715, 30.8536**, and if you desaturate by 10%, it is **74.7031, 77.5364, 54.7459**.

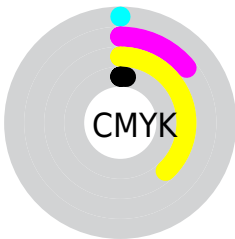
Distribution



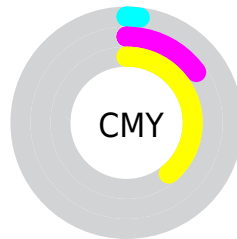
- Red (98%)
- Green (85%)
- Blue (61%)



- Red (82%)
- Yellow (98%)
- Blue (61%)



- Cyan (0%)
- Magenta (14%)
- Yellow (38%)
- Black (2%)





- Cyan (2%)
- Magenta (15%)
- Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 69.9810, 71.8360, 41.6298 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 69.9810, 71.8360, 41.6298 by changing the saturation by 10% instead.


 69.9810, 71.8360,
41.6298


 69.9810, 71.8360,
41.6298


449.7507,
466.9706, 368.7003

 51.7906, 53.0247,
28.4881


 118.2081,
121.8233, 78.9031

 37.0618, 37.8225,
18.4517


 148.9754,
153.7682, 103.8717

 25.4292, 25.8450,
11.1020


184.6658,
190.8597, 133.6198

 16.5276, 16.7077,
6.0204

225.6446,
233.4822, 168.5658

 9.9914, 10.0263,
2.7885

272.2772,
282.0202, 209.1284

 5.4555, 5.4164,
0.9877

324.9288,

 2.5544, 2.4936,

336.8579, 255.7259

0.0000

383.9649,
398.3800, 308.7771

■ 0.9228, 0.8734,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 69.9810, 71.8360,
41.6298

■ 69.9810, 71.8360,
41.6298

■ 65.8257, 66.5715,
30.8536

■ 74.7031, 77.5364,
54.7459

■ 62.2028, 61.7181,
22.2706

■ 80.0133, 83.6764,
70.3278

■ 59.0821, 57.2630,
15.7239

■ 85.9379, 90.2725,
88.4978

■ 56.4276, 53.1882,
11.0339

■ 92.3385, 97.2721,
108.5164

■ 54.1970, 49.4735,
7.9893

■ 93.2344, 99.0640,
108.8150

■ 52.3353, 46.0932,
6.3109

■ 51.9241, 45.3234,
6.0116

Harmonies

Analogous

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



77.9301, 71.8360, 47.3789



69.9810, 71.8360, 41.6298



62.1656, 71.8360, 43.9995

Triad

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



69.9810, 71.8360, 41.6298



54.9550, 71.8360, 97.6975



81.6787, 71.8360, 107.7408

Complementary

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



69.9810, 71.8360, 41.6298



49.3786, 50.7954, 97.6446

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.



74.7784, 71.8360, 126.7260



69.9810, 71.8360, 41.6298



59.4576, 71.8360, 120.1695

Square

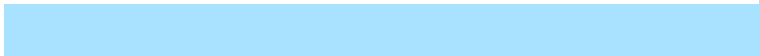
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



69.9810, 71.8360, 41.6298



53.8919, 71.8360, 73.4789



66.6028, 71.8360, 131.6747



85.0203, 71.8360, 83.1550

Rectangle

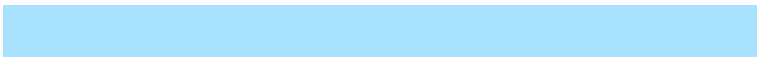
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



69.9810, 71.8360, 41.6298



58.0245, 71.8360, 50.1572



66.6028, 71.8360, 131.6747



79.6733, 71.8360, 115.1710

Sweetspot

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



69.9828, 71.8393, 41.6313



87.7070, 92.0209, 85.7760



60.6587, 47.8398, 55.0208



18.5912, 19.4946, 17.8002



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.



69.9828, 71.8393, 41.6313



69.9126, 71.0019, 34.9276



75.2678, 88.8567, 44.6374



18.1686, 19.0731, 18.1863



27.6836, 24.3238, 3.2359



2.6645, 2.4539, 0.3332

Inverse Universe

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



49.3786, 50.7954, 97.6446



45.5839, 46.1703, 101.1170



45.4068, 39.0634, 95.5894



16.7968, 17.6705, 21.9108



11.2346, 7.8247, 48.8917



1.1372, 0.9180, 4.5604

Previews

White Background



This preview shows how the XYZ color 69.9810, 71.8360, 41.6298 looks on a white background.

Color Contrast Check

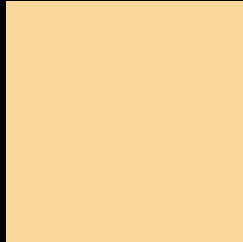
Large Text (above 18pt) WCAG AA × Fail

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 69.9810, 71.8360, 41.6298 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

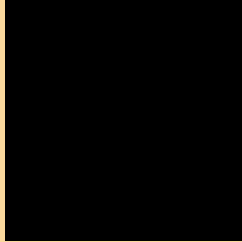
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 69.9810, 71.8360, 41.6298

Background



This preview shows how black text looks on a background with the XYZ color 69.9810, 71.8360, 41.6298.



This preview shows how white text looks on a background with the XYZ color 69.9810, 71.8360,

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

69.9810, 71.8360, 41.6298

Protanopia

67.0247, 71.8322, 42.6802

Deuteranopia

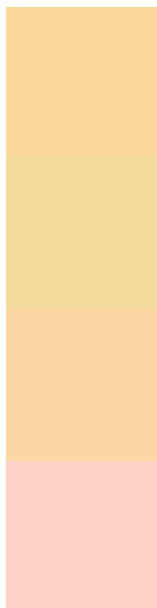
72.3849, 71.7888, 48.5696



Tritanopia

77.1152, 71.6995, 79.5870

Trichromacy



Original Color

69.9810, 71.8360, 41.6298

Protanomaly

68.0353, 71.9746, 42.2049

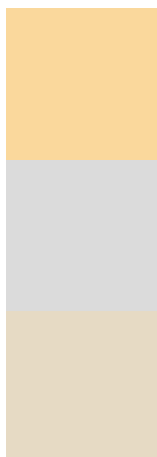
Deuteranomaly

71.4375, 71.7290, 46.1563

Tritanomaly

74.1111, 71.5947, 63.9459

Monochromacy



Original Color

69.9810, 71.8360, 41.6298

Achromatopsia

67.3311, 70.8376, 77.1421

Achromatomaly

67.6683, 70.9513, 62.3530

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.9810, 71.8360, 41.6298 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(250, 216, 156)` looks like.

```
.text, #text, p{  
    color:rgb(250, 216, 156)  
}
```

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(250, 216, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 216, 156) }
```

Border

The CSS property to change the border of an element to XYZ 69.9810, 71.8360, 41.6298 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(250, 216, 156) }
```


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

```
.border{ border-color:rgb(250, 216, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 216, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 216, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 216, 156);  
box-shadow:4px 4px 4px 4px rgb(250, 216,  
156) }
```

Background

The CSS property to change the background color of an element to XYZ 69.9810, 71.8360, 41.6298 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 216, 156) }
```

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

```
.background{ background-color: rgb(250,  
216, 156) }
```

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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