

Converting Colors

XYZ(68.5944, 69.5176, 39.9399)

Have a look what the booklet for
XYZ(68.5944, 69.5176, 39.9399)
contains.

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Color

**XYZ(68.7176, 69.7109,
39.9707)**

Conversions

Conversions Part 1

Format	Color
Hex	FAD499
RGB	250, 212, 153
RGB Percent	98%, 83%, 60%
CMY	0.0196, 0.1686, 0.4000
CMYK	0.00, 0.15, 0.39, 0.02
HSL	36°, 91%, 79%
HSV	36°, 39%, 98%
XYZ	68.7176, 69.7109, 39.9707
YIQ	216.6360, 41.5870, -10.2930

Conversions

Conversions Part 2

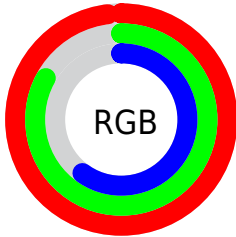
Format	Color
R_{YB}	215, 250, 153
Decimal	16438425
CIE _{Lab}	86.85, 5.42, 34.13
CIE _{LCh}	87, 34.559, 80.978
Yxy	69.7109, 0.3852, 0.3908
Android (android.graphics.Color)	4294628505 (0xFFFAD499)
YUV	216.6360, -31.3725, 29.2602
Hunter-Lab	83.4931, 0.7987, 30.0612

Details

The XYZ color **68.7176, 69.7109, 39.9707** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **49.0223, 50.9342, 97.6899**, and the grayscale version is **65.8936, 69.3252, 75.4952**.

A 20% lighter version of the original color is **88.3852, 97.3341, 73.8035**, and **36.3141, 36.5998, 17.4624** is the 20% darker color. If you saturate the color by 10%, you get **64.4915, 64.2242, 29.4202**, and if you desaturate by 10%, it is **73.5283, 75.6741, 52.8517**.

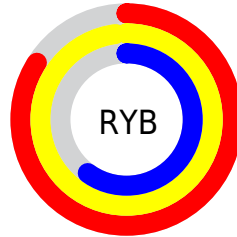
Distribution



Red (98%)

Green (83%)

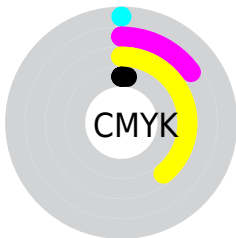
Blue (60%)



Red (84%)

Yellow (98%)

Blue (60%)

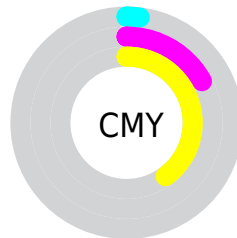


Cyan (0%)

Magenta (15%)

Yellow (39%)

Black (2%)



Cyan (2%)


Magenta (17%)


Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 68.7176, 69.7109, 39.9707 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 68.7176, 69.7109, 39.9707 by changing the saturation by 10% instead.


 68.7176, 69.7109,
39.9707


 68.7176, 69.7109,
39.9707


445.3713,
459.5343, 361.5485

 50.7576, 51.2909,
27.2021


 116.4144,
118.7964, 76.3555

 36.2360, 36.4402,
17.4913

 146.8819,
150.2306, 100.8088

 24.7874, 24.7743,
10.4197

182.2492,
186.7718, 129.9940

 16.0466, 15.9090,
5.5689

222.8818,
228.8042, 164.3297

 9.6482, 9.4598,
2.5203

269.1449,
276.7122, 204.2345

 5.2268, 5.0423,
0.8509

321.4040,

 2.4171, 2.2721,

330.8803, 250.1268

0.0000

380.0243,
391.6929, 302.4253

■ 0.8536, 0.7589,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 68.7176, 69.7109,
39.9707

■ 68.7176, 69.7109,
39.9707

■ 64.4915, 64.2242,
29.4202

■ 73.5283, 75.6741,
52.8517

■ 60.8150, 59.1881,
21.0516

■ 78.9457, 82.1192,
68.1908

■ 57.6567, 54.5884,
14.7059

■ 84.9971, 89.0634,
86.1113

■ 54.9793, 50.4058,
10.2000

■ 91.7064, 96.5202,
106.7269

■ 52.7391, 46.6181,
7.3173

■ 93.2343, 99.0640,
108.8150

■ 50.8734, 43.1958,
5.7425

■ 50.6650, 42.8053,
5.5919

Harmonies

Analogous

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



76.5004, 69.7109, 46.3838



68.7176, 69.7109, 39.9707



60.8641, 69.7109, 41.5512

Triad

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



68.7176, 69.7109, 39.9707



52.8180, 69.7109, 92.9247



79.0398, 69.7109, 107.4111

Complementary

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



68.7176, 69.7109, 39.9707



49.0223, 50.9342, 97.6899

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.



71.9617, 69.7109, 125.3341



68.7176, 69.7109, 39.9707



56.9734, 69.7109, 115.8622

Square

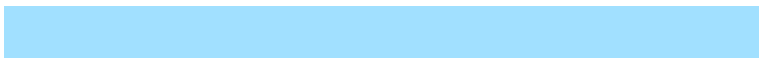
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



68.7176, 69.7109, 39.9707



52.1030, 69.7109, 69.1554



63.8580, 69.7109, 128.7063



82.7695, 69.7109, 83.0765

Rectangle

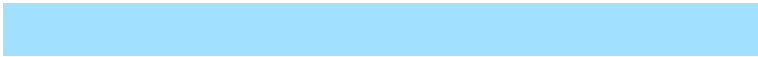
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



68.7176, 69.7109, 39.9707



56.6077, 69.7109, 47.0889



63.8580, 69.7109, 128.7063



76.9474, 69.7109, 114.5756

Sweetspot

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



68.7193, 69.7142, 39.9721



86.8037, 90.7732, 83.7517



60.3083, 46.9040, 55.6285



18.4003, 19.2242, 17.3930



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.



68.7193, 69.7142, 39.9721



68.1932, 68.1523, 32.5376



75.9727, 89.2490, 43.3604



18.1234, 18.9826, 18.1712



27.0184, 22.9935, 3.0142



2.6055, 2.3359, 0.3135

Inverse Universe

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



49.0223, 50.9342, 97.6899



44.8131, 45.8779, 101.1012



43.6901, 37.4403, 95.3664



16.8407, 17.7582, 21.9254



11.5957, 8.5470, 49.0121



1.1738, 0.9912, 4.5726

Previews

White Background



This preview shows how the XYZ color 68.7176, 69.7109, 39.9707 looks on a white background.

Color Contrast Check

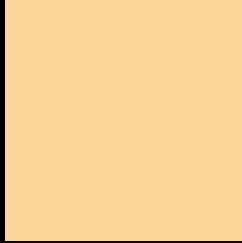
Large Text (above 18pt) WCAG AA × Fail

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 68.7176, 69.7109, 39.9707 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

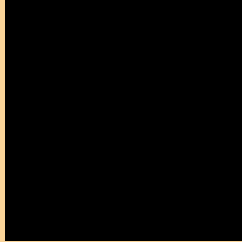
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 68.7176, 69.7109, 39.9707

Background



This preview shows how black text looks on a background with the XYZ color 68.7176, 69.7109, 39.9707.



This preview shows how white text looks on a background with the XYZ color 68.7176, 69.7109,

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

68.7176, 69.7109, 39.9707

Protanopia

64.6609, 69.4847, 41.0142

Deuteranopia

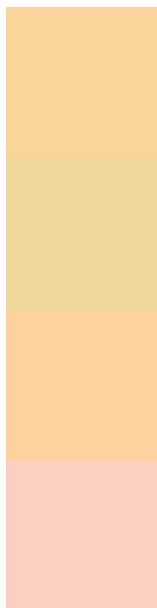
70.5621, 69.4696, 43.8724



Tritanopia

75.6190, 69.5602, 76.4587

Trichromacy



Original Color

68.7176, 69.7109, 39.9707

Protanomaly

66.0684, 69.4592, 40.4966

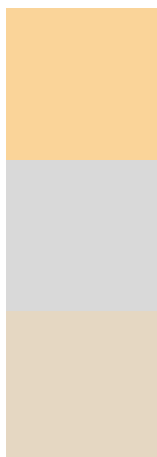
Deuteranomaly

69.8126, 69.4790, 42.5322

Tritanomaly

72.6712, 69.4484, 61.2045

Monochromacy



Original Color

68.7176, 69.7109, 39.9707

Achromatopsia

65.9525, 69.3872, 75.5626

Achromatomaly

66.3511, 69.1539, 60.8899

CSS Examples

Text

The CSS property to change the color of the text to XYZ 68.7176, 69.7109, 39.9707 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, 212, 153)` looks like.

```
.text, #text, p{  
    color:rgb(250, 212, 153)  
}
```

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, 212, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 212, 153) }
```

Border

The CSS property to change the border of an element to XYZ 68.7176, 69.7109, 39.9707 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, 212, 153) }
```


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

```
.border{ border-color:rgb(250, 212, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 212, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 212, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 212, 153);  
box-shadow:4px 4px 4px 4px rgb(250, 212,  
153) }
```

Background

The CSS property to change the background color of an element to XYZ 68.7176, 69.7109, 39.9707 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 212, 153) }
```

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

```
.background{ background-color: rgb(250,  
212, 153) }
```

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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