

Converting Colors

XYZ(76.5791, 77.1919, 69.6935)

Have a look what the booklet for
XYZ(76.5791, 77.1919, 69.6935)
contains.

XYZ(76.7171, 77.4201, 69.9316)	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(76.7171, 77.4201,
69.9316)**

Conversions

Conversions Part 1

Format	Color
Hex	F9DFCF
RGB	249, 223, 207
RGB Percent	98%, 87%, 81%
CMY	0.0235, 0.1255, 0.1882
CMYK	0.00, 0.10, 0.17, 0.02
HSL	23°, 78%, 89%
HSV	23°, 17%, 98%
XYZ	76.7171, 77.4201, 69.9316
YIQ	228.9500, 20.6320, 0.5360

Conversions

Conversions Part 2

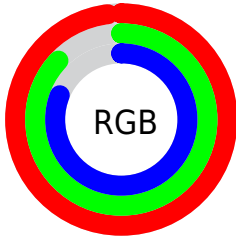
Format	Color
R_{YB}	249, 233, 207
Decimal	16375759
CIE _{Lab}	90.51, 6.42, 11.09
CIE _{LCh}	91, 12.814, 59.919
Y _{xy}	77.4201, 0.3424, 0.3455
Android (android.graphics.Color)	4294565839 (0xFFFF9DFCF)
YUV	228.9500, -10.8213, 17.5839
Hunter-Lab	87.9887, 1.6534, 14.4696

Details

The XYZ color **76.7171, 77.4201, 69.9316** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **71.9695, 78.3810, 100.9591**, and the grayscale version is **74.5076, 78.3878, 85.3644**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.4906, 41.5116, 35.9627** is the 20% darker color. If you saturate the color by 10%, you get **69.9784, 68.4358, 53.8322**, and if you desaturate by 10%, it is **84.3150, 87.3530, 88.6877**.

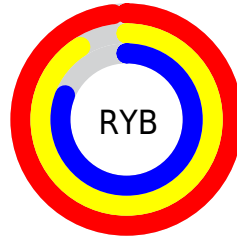
Distribution



Red (98%)

Green (87%)

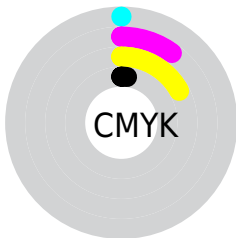
Blue (81%)



Red (98%)

Yellow (91%)

Blue (81%)

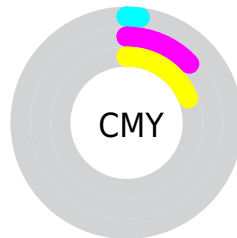


Cyan (0%)

Magenta (10%)

Yellow (17%)

Black (2%)



Cyan (2%)


Magenta (13%)


Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 76.7171, 77.4201, 69.9316 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 76.7171, 77.4201, 69.9316 by changing the saturation by 10% instead.


 76.7171, 77.4201,
69.9316

 76.7171, 77.4201,
69.9316

472.7057,
486.1952, 479.0924

 57.3198, 57.5977,
50.9943


127.7150,
129.7323, 120.7914

 41.5032, 41.4853,
35.8274


160.0464,
162.9910, 153.5510

 28.9019, 28.6985,
24.0123


197.4198,
201.4972, 191.7551

 19.1505, 18.8529,
15.1304

240.2007,
245.6353, 235.8223

 11.8838, 11.5640,
8.7633

288.7544,
295.7898, 286.1711

 6.7362, 6.4475,
4.4924

343.4462,

 3.3425, 3.1191,

352.3450, 343.2200

1.8992

404.6415,
415.6853, 407.3876

■ 1.3374, 1.1942,
0.4922

■ 0.2109, 0.0570,
0.0000

■ 76.7171, 77.4201,
69.9316

■ 76.7171, 77.4201,
69.9316

■ 69.9784, 68.4358,
53.8322

■ 84.3150, 87.3530,
88.6877

■ 64.0601, 60.3608,
40.2630

■ 92.5048, 98.1351,
108.6742

■ 58.9298, 53.1682,
29.0946

■ 92.8772, 98.8799,
108.7983

■ 54.5501, 46.8257,
20.1840

■ 50.8803, 41.2986,
13.3728

■ 47.8751, 36.5498,
8.4815

■ 45.4826, 32.5381,
5.3003

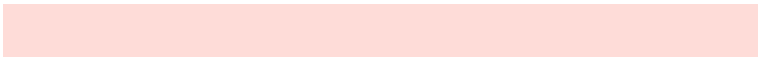
■ 43.6397, 29.2166,
3.5633

■ 43.1491, 28.3037,
3.1890

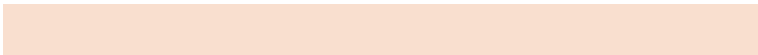
Harmonies

Analogous

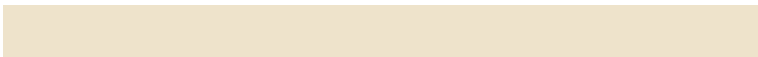
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



79.0559, 77.4201, 75.7989



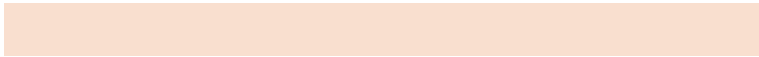
76.7171, 77.4201, 69.9316



73.5942, 77.4201, 67.8543

Triad

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



76.7171, 77.4201, 69.9316



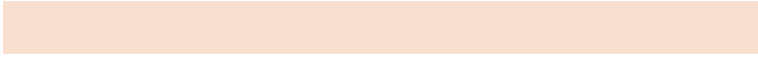
67.5945, 77.4201, 84.2724



76.7016, 77.4201, 100.5349

Complementary

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



76.7171, 77.4201, 69.9316



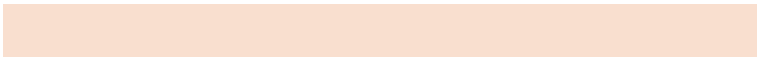
71.9695, 78.3810, 100.9591

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.



73.5768, 77.4201, 103.2028



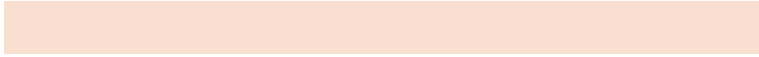
76.7171, 77.4201, 69.9316



68.3734, 77.4201, 93.4084

Square

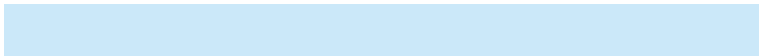
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



76.7171, 77.4201, 69.9316



68.3817, 77.4201, 75.7586



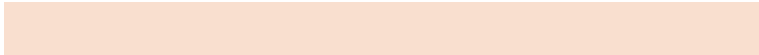
70.5403, 77.4201, 100.5069



79.0468, 77.4201, 93.4547

Rectangle

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



76.7171, 77.4201, 69.9316



71.5063, 77.4201, 68.7719



70.5403, 77.4201, 100.5069



75.7046, 77.4201, 101.9994

Sweetspot

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



76.7192, 77.4236, 69.9332



90.5986, 94.2738, 97.6230



76.1745, 70.6839, 87.1703



19.2620, 20.0107, 20.5688



0.0000, 0.0000, 0.0000



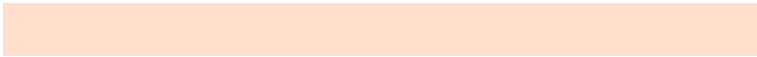
20.3446, 21.4041, 23.3091

Same Dimension

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



76.7192, 77.4236, 69.9332



78.6430, 78.6274, 68.1584



82.5006, 88.9864, 71.8604



17.7867, 18.3093, 18.0590



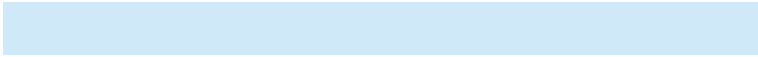
23.2233, 15.4032, 1.7491



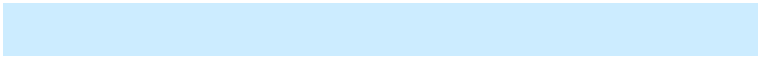
2.2496, 1.6241, 0.1949

Inverse Universe

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



71.9695, 78.3810, 100.9591



72.8224, 79.7985, 106.1722



66.5257, 67.4935, 99.1445



17.1778, 18.4324, 22.0377



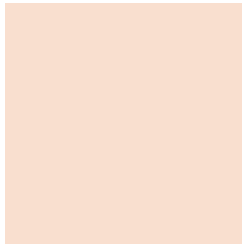
15.4900, 16.3355, 50.3102



1.5369, 1.7176, 4.6937

Previews

White Background



This preview shows how the XYZ color 76.7171, 77.4201, 69.9316 looks on a white background.

Color Contrast Check

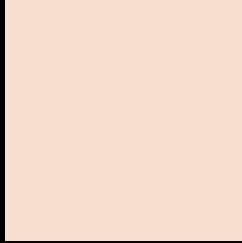
Large Text (above 18pt) WCAG AA × Fail

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 76.7171, 77.4201, 69.9316 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

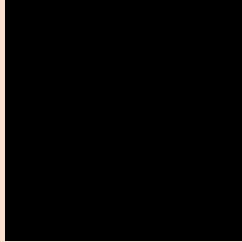
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 76.7171, 77.4201, 69.9316

Background



This preview shows how black text looks on a background with the XYZ color 76.7171, 77.4201, 69.9316.



This preview shows how white text looks on a background with the XYZ color 76.7171, 77.4201,

69.9316.

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

76.7171, 77.4201, 69.9316

Protanopia

73.5698, 77.3745, 71.3788

Deuteranopia

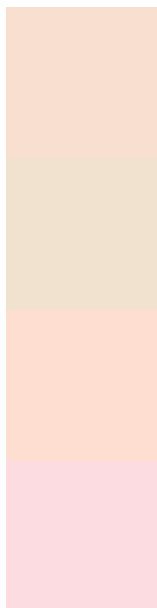
78.7293, 77.6260, 71.8066



Tritanopia

80.9799, 77.6018, 90.0674

Trichromacy



Original Color

76.7171, 77.4201, 69.9316

Protanomaly

74.8572, 77.6476, 70.7166

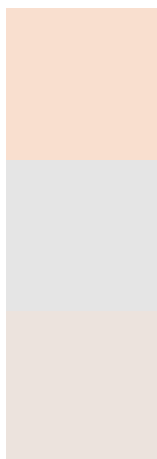
Deuteranomaly

78.1379, 77.7286, 71.2064

Tritanomaly

79.3287, 77.3181, 81.9770

Monochromacy



Original Color

76.7171, 77.4201, 69.9316

Achromatopsia

74.4753, 78.3538, 85.3273

Achromatomaly

75.1123, 77.9915, 79.5016

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.7171, 77.4201, 69.9316 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(249, 223, 207) looks like.

```
.text, #text, p{  
    color:rgb(249, 223, 207)  
}
```

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(249, 223, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 223, 207) }
```

Border

The CSS property to change the border of an element to XYZ 76.7171, 77.4201, 69.9316 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(249, 223, 207) }
```


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

```
.border{ border-color:rgb(249, 223, 207) }
```

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

Here you see how a box with a 4 pixel rgb(249, 223, 207) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 223, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 223, 207);  
box-shadow:4px 4px 4px 4px rgb(249, 223,  
207) }
```

Background

The CSS property to change the background color of an element to XYZ 76.7171, 77.4201, 69.9316 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 223, 207) }
```

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

```
.background{ background-color: rgb(249,  
223, 207) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor