

Converting Colors

XYZ(72.7741, 69.4621, 67.5985)

Have a look what the booklet for
XYZ(72.7741, 69.4621, 67.5985)
contains.

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Color

**XYZ(72.7566, 69.3574,
67.3102)**

Conversions

Conversions Part 1

Format	Color
Hex	FACFCD
RGB	250, 207, 205
RGB Percent	98%, 81%, 80%
CMY	0.0196, 0.1882, 0.1961
CMYK	0.00, 0.17, 0.18, 0.02
HSL	3°, 82%, 89%
HSV	3°, 18%, 98%
XYZ	72.7566, 69.3574, 67.3102
YIQ	219.6290, 26.2700, 8.4940

Conversions

Conversions Part 2

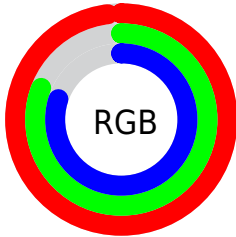
Format	Color
R _Y B	250, 207, 205
Decimal	16437197
CIE Lab	86.68, 14.80, 6.66
CIE LCh	87, 16.226, 24.240
Yxy	69.3574, 0.3474, 0.3312
Android (android.graphics.Color)	4294627277 (0xFFFAFCFD)
YUV	219.6290, -7.2121, 26.6354
Hunter-Lab	83.2811, 10.2005, 10.3769

Details

The XYZ color **72.7566, 69.3574, 67.3102** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **75.9989, 87.0140, 103.2329**, and the grayscale version is **67.8064, 71.3376, 77.6866**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.9695, 36.3543, 34.2413** is the 20% darker color. If you saturate the color by 10%, you get **64.6211, 57.5358, 50.8804**, and if you desaturate by 10%, it is **82.2536, 83.1290, 86.5743**.

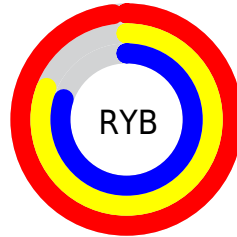
Distribution



Red (98%)

Green (81%)

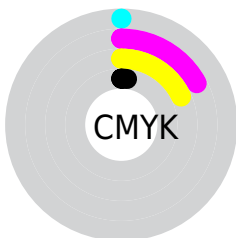
Blue (80%)



Red (98%)

Yellow (81%)

Blue (80%)

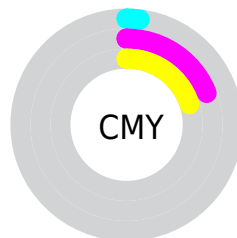


Cyan (0%)

Magenta (17%)

Yellow (18%)

Black (2%)



Cyan (2%)

Magenta (19%)

Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 72.7566, 69.3574, 67.3102 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 72.7566, 69.3574, 67.3102 by changing the saturation by 10% instead.

72.7566, 69.3574,
67.3102

72.7566, 69.3574,
67.3102

459.2877,
458.2905, 469.5797

54.0646, 51.0028,
48.8736

122.1366,
118.2919, 117.0096

38.8842, 36.2109,
34.1543

153.5554,
149.6406, 149.1096

26.8500, 24.5971,
22.7339

189.9471,
186.0895, 186.6010

17.5966, 15.7771,
14.1937

231.6771,
228.0230, 229.9024

10.7587, 9.3666,
8.1152

279.1108,
275.8254, 279.4325

5.9709, 4.9811,
4.0799

332.6136,

2.8679, 2.2362,

329.8812, 335.6097

1.6693

392.5508,
390.5748, 398.8526

■ 1.0843, 0.7396,
0.3396

■ 0.0119, 0.0000,
0.0000

■ 72.7566, 69.3574,
67.3102

■ 72.7566, 69.3574,
67.3102

■ 64.6211, 57.5358,
50.8804

■ 82.2536, 83.1290,
86.5743

■ 57.7794, 47.5673,
37.1470

■ 93.1641, 98.9231,
108.7915

■ 52.1664, 39.3608,
25.9674

■ 93.2346, 99.0641,
108.8150

■ 47.7093, 32.8137,
17.1840

■ 44.3275, 27.8130,
10.6218

■ 41.9300, 24.2316,
6.0818

■ 40.4111, 21.9221,
3.3298

■ 39.6360, 20.7032,
2.0507

■ 39.5459, 20.5666,
1.8855

Harmonies

Analogous

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



73.4021, 69.3574, 77.6215



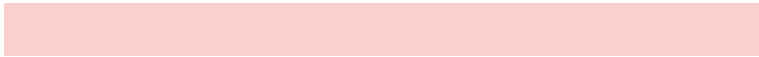
72.7566, 69.3574, 67.3102



70.2505, 69.3574, 59.8909

Triad

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



72.7566, 69.3574, 67.3102



60.2120, 69.3574, 64.0224



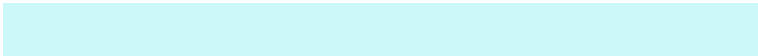
65.1972, 69.3574, 98.1189

Complementary

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



72.7566, 69.3574, 67.3102



75.9989, 87.0140, 103.2329

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.



61.7753, 69.3574, 93.6522



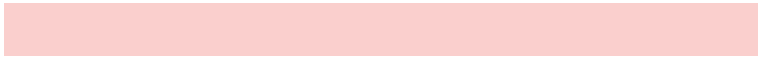
72.7566, 69.3574, 67.3102



58.9684, 69.3574, 73.4536

Square

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



72.7566, 69.3574, 67.3102



62.9900, 69.3574, 58.1232



59.5296, 69.3574, 84.3682



68.9438, 69.3574, 96.0782

Rectangle

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



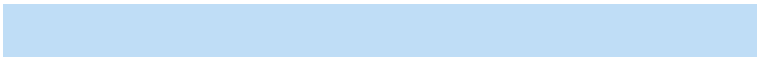
72.7566, 69.3574, 67.3102



67.9110, 69.3574, 57.2457



59.5296, 69.3574, 84.3682



63.9725, 69.3574, 97.3165

Sweetspot

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



72.7585, 69.3605, 67.3116



89.3007, 91.6781, 97.1904



78.2774, 70.7959, 98.7541



18.9476, 19.3818, 20.4640



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

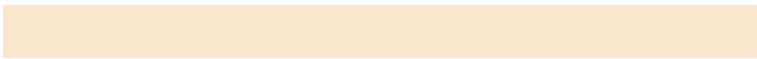
The Same Dimension uses a secret algorithm to generate beautiful new colors.



72.7585, 69.3605, 67.3116



72.5170, 67.3385, 63.1475



78.4638, 80.7712, 69.2134



17.3066, 17.3491, 17.8989



21.0032, 10.9630, 1.0091



1.9664, 1.0576, 0.1005

Inverse Universe

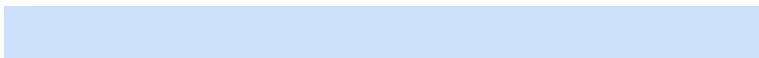
The Inverse Universe completely reimagines the original color for something new.



75.9989, 87.0140, 103.2329



76.5446, 89.2843, 107.8070



69.6293, 74.2748, 101.1097



17.6957, 19.4682, 22.2104



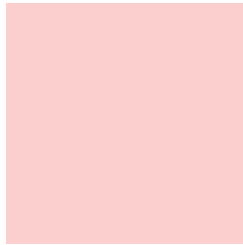
25.5334, 36.4225, 53.6580



2.3848, 3.4132, 4.9763

Previews

White Background



This preview shows how the XYZ color 72.7566, 69.3574, 67.3102 looks on a white background.

Color Contrast Check

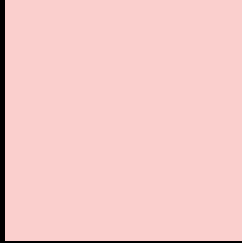
Large Text (above 18pt) WCAG AA × Fail

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 72.7566, 69.3574, 67.3102 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

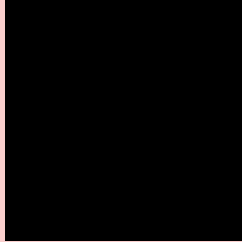
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 72.7566, 69.3574, 67.3102

Background



This preview shows how black text looks on a background with the XYZ color 72.7566, 69.3574, 67.3102.

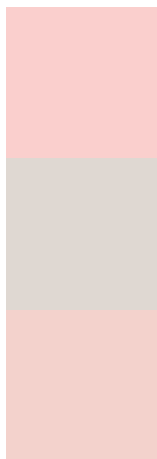


This preview shows how white text looks on a background with the XYZ color 72.7566, 69.3574,

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

72.7566, 69.3574, 67.3102

Protanopia

66.6202, 69.4529, 70.8672

Deuteranopia

70.9078, 69.5075, 66.8058



Tritanopia

75.0274, 69.5785, 77.8822

Trichromacy



Original Color

72.7566, 69.3574, 67.3102

Protanomaly

68.7837, 69.4662, 69.4575

Deuteranomaly

71.7056, 69.5534, 66.7726

Tritanomaly

74.1207, 69.5581, 73.8095

Monochromacy



Original Color

72.7566, 69.3574, 67.3102

Achromatopsia

68.0267, 71.5694, 77.9390

Achromatomaly

69.5212, 70.4961, 74.2329

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.7566, 69.3574, 67.3102 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, 207, 205) looks like.

```
.text, #text, p{  
    color:rgb(250, 207, 205)  
}
```

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, 207, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 207, 205) }
```

Border

The CSS property to change the border of an element to XYZ 72.7566, 69.3574, 67.3102 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, 207, 205) }
```


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

```
.border{ border-color:rgb(250, 207, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 207, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 207, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 207, 205);  
box-shadow:4px 4px 4px 4px rgb(250, 207,  
205) }
```

Background

The CSS property to change the background color of an element to XYZ 72.7566, 69.3574, 67.3102 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 207, 205) }
```

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

```
.background{ background-color: rgb(250,  
207, 205) }
```

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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