

Converting Colors

XYZ(76.7034, 77.2208, 72.6784)

Have a look what the booklet for
XYZ(76.7034, 77.2208, 72.6784)
contains.

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Color

**XYZ(76.8569, 77.4350,
72.5237)**

Conversions

Conversions Part 1

Format	Color
Hex	F8DFD3
RGB	248, 223, 211
RGB Percent	97%, 87%, 83%
CMY	0.0274, 0.1255, 0.1725
CMYK	0.00, 0.10, 0.15, 0.03
HSL	19°, 73%, 90%
HSV	19°, 15%, 97%
XYZ	76.8569, 77.4350, 72.5237
YIQ	229.1070, 18.7520, 1.5680

Conversions

Conversions Part 2

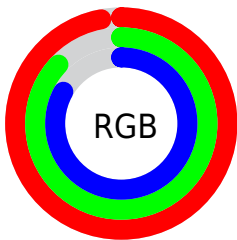
Format	Color
R _Y B	248, 229, 211
Decimal	16310227
CIE Lab	90.52, 6.68, 8.99
CIE LCh	91, 11.201, 53.414
Yxy	77.4350, 0.3389, 0.3414
Android (android.graphics.Color)	4294500307 (0xFFF8DFD3)
YUV	229.1070, -8.9268, 16.5692
Hunter-Lab	87.9972, 1.9072, 12.7336

Details

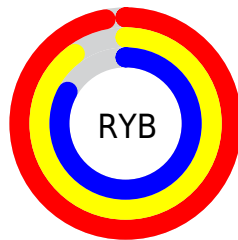
The XYZ color **76.8569, 77.4350, 72.5237** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **73.8021, 80.6151, 100.4779**, and the grayscale version is **74.6107, 78.4962, 85.4824**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.5743, 41.5160, 37.7205** is the 20% darker color. If you saturate the color by 10%, you get **69.7282, 67.7747, 55.9736**, and if you desaturate by 10%, it is **84.9125, 88.1800, 91.7510**.

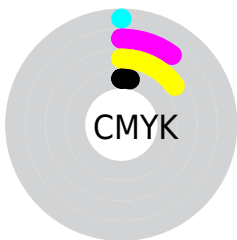
Distribution



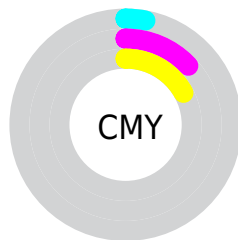
- Red (97%)
- Green (87%)
- Blue (83%)



- Red (97%)
- Yellow (90%)
- Blue (83%)



- Cyan (0%)
- Magenta (10%)
- Yellow (15%)
- Black (3%)





- Cyan (3%)
- Magenta (13%)
- Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 76.8569, 77.4350, 72.5237 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 76.8569, 77.4350, 72.5237 by changing the saturation by 10% instead.


 76.8569, 77.4350,
72.5237

 76.8569, 77.4350,
72.5237

473.1754,
486.2459, 488.3888

 57.4349, 57.6100,
53.0971


127.9114,
129.7533, 124.5154

 41.5960, 41.4952,
37.4921


160.2746,
163.0154, 157.9177

 28.9748, 28.7062,
25.2899


197.6823,
201.5254, 196.8156

 19.2060, 18.8587,
16.0722

240.4999,
245.6675, 241.6277

 11.9241, 11.5682,
9.4204

289.0926,
295.8262, 292.7725

 6.7638, 6.4504,
4.9158

343.8258,

 3.3599, 3.1208,

352.3859, 350.6686

2.1401

405.0650,
415.7310, 415.7346

■ 1.3468, 1.1951,
0.6395

■ 0.2178, 0.0577,
0.0000

■ 76.8569, 77.4350,
72.5237

■ 76.8569, 77.4350,
72.5237

■ 69.7282, 67.7747,
55.9736

■ 84.9125, 88.1800,
91.7510

■ 63.4852, 59.1542,
41.9761

■ 92.5216, 98.6966,
108.7817

■ 58.0932, 51.5409,
30.4039

■ 53.5123, 44.8962,
21.1168

■ 49.6991, 39.1791,
13.9600

■ 46.6059, 34.3450,
8.7593

■ 44.1783, 30.3454,
5.3123

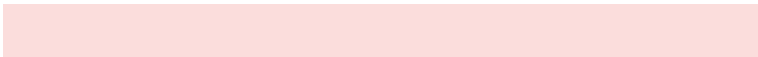
■ 42.3522, 27.1257,
3.3710

■ 41.6144, 25.7622,
2.7793

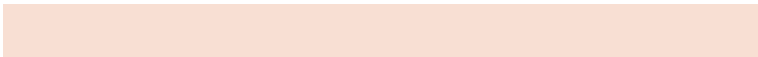
Harmonies

Analogous

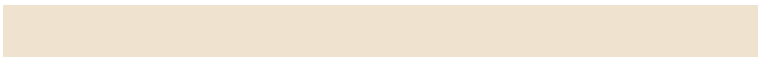
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



78.6539, 77.4350, 78.3310



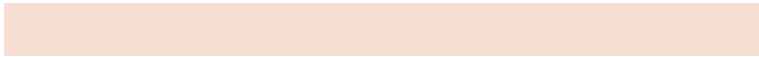
76.8569, 77.4350, 72.5237



74.2191, 77.4350, 69.8991

Triad

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



76.8569, 77.4350, 72.5237



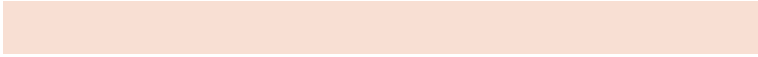
68.3775, 77.4350, 82.5567



75.7609, 77.4350, 99.2762

Complementary

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



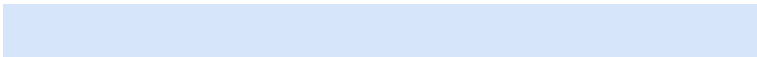
76.8569, 77.4350, 72.5237



73.8021, 80.6151, 100.4779

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.



72.9836, 77.4350, 100.5848



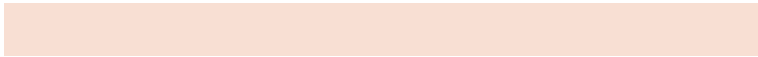
76.8569, 77.4350, 72.5237



68.7667, 77.4350, 90.5932

Square

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



76.8569, 77.4350, 72.5237



69.3588, 77.4350, 75.4495



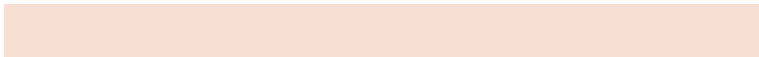
70.4357, 77.4350, 97.3165



78.0099, 77.4350, 93.8460

Rectangle

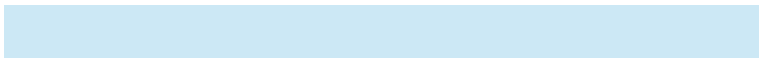
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



76.8569, 77.4350, 72.5237



72.3571, 77.4350, 70.1810



70.4357, 77.4350, 97.3165



74.8563, 77.4350, 100.2264

Sweetspot

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



76.8590, 77.4385, 72.5253



91.2920, 95.0425, 99.7596



77.1880, 72.6186, 89.5221



19.3929, 20.1480, 20.9962



0.0000, 0.0000, 0.0000



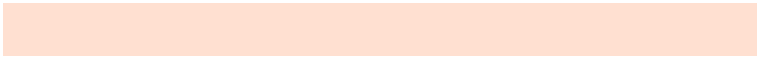
20.3446, 21.4041, 23.3091

Same Dimension

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



76.8590, 77.4385, 72.5253



79.4146, 79.1757, 71.4834



81.9894, 87.6992, 74.2355



17.7044, 18.1447, 18.0315



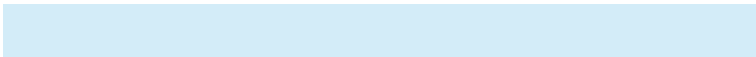
22.5927, 14.1420, 1.5389



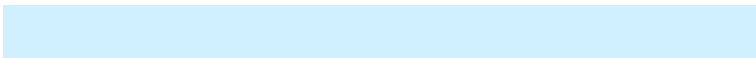
2.1844, 1.4937, 0.1732

Inverse Universe

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



73.8021, 80.6151, 100.4779



75.5645, 83.1734, 106.6791



68.8235, 70.6578, 98.8183



17.2633, 18.6035, 22.0663



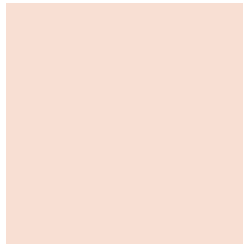
16.8037, 18.9629, 50.7481



1.6526, 1.9488, 4.7322

Previews

White Background



This preview shows how the XYZ color 76.8569, 77.4350, 72.5237 looks on a white background.

Color Contrast Check

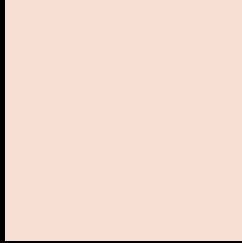
Large Text (above 18pt) WCAG AA × Fail

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 76.8569, 77.4350, 72.5237 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

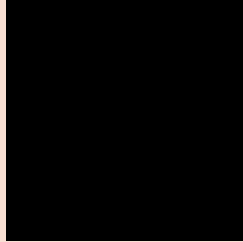
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 76.8569, 77.4350, 72.5237

Background



This preview shows how black text looks on a background with the XYZ color 76.8569, 77.4350, 72.5237.



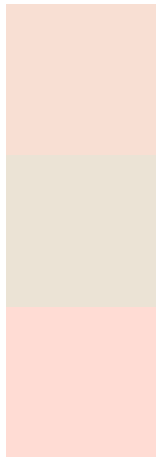
This preview shows how white text looks on a background with the XYZ color 76.8569, 77.4350,

72.5237.

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

76.8569, 77.4350, 72.5237

Protanopia

73.7403, 77.4044, 74.0048

Deuteranopia

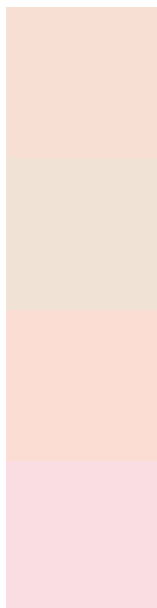
78.7169, 77.1999, 73.0396



Tritanopia

80.2555, 77.2284, 90.0335

Trichromacy



Original Color

76.8569, 77.4350, 72.5237

Protanomaly

75.0152, 77.6714, 73.3257

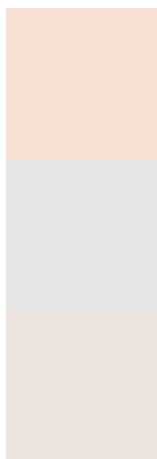
Deuteranomaly

77.8850, 77.1618, 73.0761

Tritanomaly

78.8827, 77.0564, 83.3889

Monochromacy



Original Color

76.8569, 77.4350, 72.5237

Achromatopsia

74.4753, 78.3538, 85.3273

Achromatomaly

75.2460, 78.0450, 80.2055

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.8569, 77.4350, 72.5237 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(248, 223, 211) looks like.

```
.text, #text, p{  
    color:rgb(248, 223, 211)  
}
```

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(248, 223, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 223, 211) }
```

Border

The CSS property to change the border of an element to XYZ 76.8569, 77.4350, 72.5237 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(248, 223, 211) }
```


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

```
.border{ border-color:rgb(248, 223, 211) }
```

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

Here you see how a box with a 4 pixel rgb(248, 223, 211) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 223, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 223, 211);  
box-shadow:4px 4px 4px 4px rgb(248, 223,  
211) }
```

Background

The CSS property to change the background color of an element to XYZ 76.8569, 77.4350, 72.5237 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 223, 211) }
```

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

```
.background{ background-color: rgb(248,  
223, 211) }
```

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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