

Converting Colors

XYZ(76.4503, 76.3034, 76.9765)

Have a look what the booklet for
XYZ(76.4503, 76.3034, 76.9765)
contains.

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Color

**XYZ(76.5174, 76.3677,
77.0372)**

Conversions

Conversions Part 1

Format	Color
Hex	F6DDDA
RGB	246, 221, 218
RGB Percent	96%, 87%, 85%
CMY	0.0353, 0.1333, 0.1451
CMYK	0.00, 0.10, 0.11, 0.04
HSL	6°, 61%, 91%
HSV	6°, 11%, 96%
XYZ	76.5174, 76.3677, 77.0372
YIQ	228.1330, 15.8630, 4.3670

Conversions

Conversions Part 2

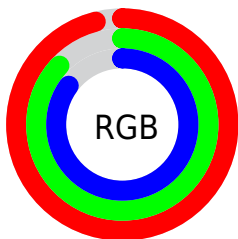
Format	Color
R _Y B	246, 221, 218
Decimal	16178650
CIE Lab	90.03, 8.11, 4.60
CIE LCh	90, 9.320, 29.542
Yxy	76.3677, 0.3328, 0.3321
Android (android.graphics.Color)	4294368730 (0xFFF6DDDA)
YUV	228.1330, -4.9956, 15.6694
Hunter-Lab	87.3886, 3.3644, 8.9051

Details

The XYZ color **76.5174, 76.3677, 77.0372** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **77.5983, 85.6588, 99.6336**, and the grayscale version is **73.8692, 77.7161, 84.6329**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.4823, 40.8639, 40.3515** is the 20% darker color. If you saturate the color by 10%, you get **68.1108, 64.3290, 59.5141**, and if you desaturate by 10%, it is **86.1645, 90.1211, 97.3327**.

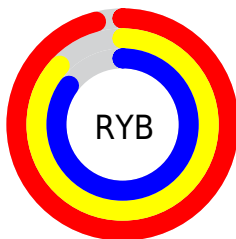
Distribution



Red (96%)

Green (87%)

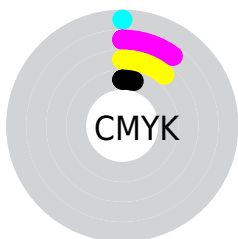
Blue (85%)



Red (96%)

Yellow (87%)

Blue (85%)

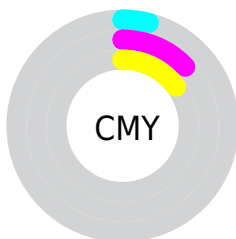


Cyan (0%)

Magenta (10%)

Yellow (11%)

Black (4%)



Cyan (4%)


Magenta (13%)


Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 76.5174, 76.3677, 77.0372 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 76.5174, 76.3677, 77.0372 by changing the saturation by 10% instead.


 76.5174, 76.3677,
77.0372

 76.5174, 76.3677,
77.0372


472.0342,
482.6055, 504.3319

 57.1554, 56.7341,
56.7717


127.4345,
128.2465, 130.9655

 41.3707, 40.7918,
40.4138


159.7203,
161.2605, 165.4653

 28.7978, 28.1564,
27.5451


197.0447,
199.5034, 205.5470

 19.0714, 18.4436,
17.7470

239.7732,
243.3597, 251.6290

 11.8262, 11.2689,
10.6009

288.2710,
293.2136, 304.1300

 6.6968, 6.2480,
5.6884

342.9036,

 3.3178, 2.9965,

349.4496, 363.4684

2.5908

404.0362,
412.4521, 430.0629

■ 1.3240, 1.1299,
0.8877

■ 0.2011, 0.0033,
0.0000

■ 76.5174, 76.3677,
77.0372

■ 76.5174, 76.3677,
77.0372

■ 68.1108, 64.3290,
59.5141

■ 86.1645, 90.1211,
97.3327

■ 60.8881, 53.9279,
44.6384

■ 91.8164, 98.3330,
108.7487

■ 54.7979, 45.0969,
32.2827

■ 49.7824, 37.7594,
22.3071

■ 45.7787, 31.8325,
14.5582

■ 42.7172, 27.2255,
8.8645

■ 40.5196, 23.8367,
5.0295

■ 39.0943, 21.5493,
2.8182

■ 38.3846, 20.3495,
1.9047

Harmonies

Analogous

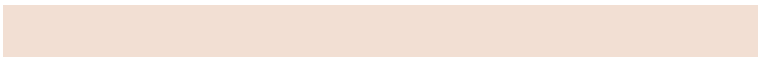
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



77.1168, 76.3677, 83.2531



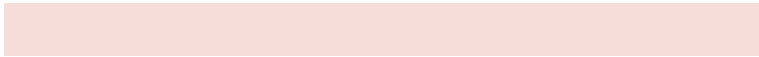
76.5174, 76.3677, 77.0372



74.8595, 76.3677, 72.6637

Triad

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



76.5174, 76.3677, 77.0372



68.8243, 76.3677, 76.8701



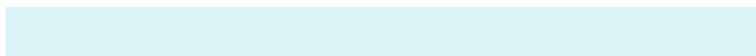
72.5497, 76.3677, 96.5278

Complementary

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



76.5174, 76.3677, 77.0372



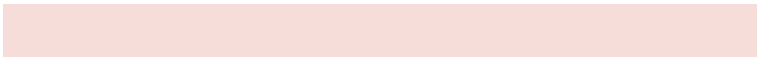
77.5983, 85.6588, 99.6336

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.



70.3575, 76.3677, 94.6027



76.5174, 76.3677, 77.0372



68.2347, 76.3677, 83.0499

Square

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



76.5174, 76.3677, 77.0372



70.4177, 76.3677, 72.5709



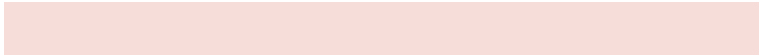
68.7901, 76.3677, 89.5809



74.7968, 76.3677, 94.7135

Rectangle

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



76.5174, 76.3677, 77.0372



73.3942, 76.3677, 71.2618



68.7901, 76.3677, 89.5809



71.7822, 76.3677, 96.2951

Sweetspot

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



76.5195, 76.3711, 77.0388



91.7025, 95.2369, 101.8285



79.2863, 76.2199, 95.4864



19.4412, 20.1184, 21.4012



0.0000, 0.0000, 0.0000



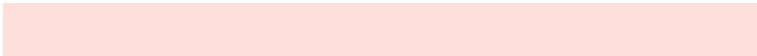
20.3446, 21.4041, 23.3091

Same Dimension

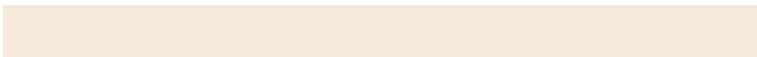
The Same Dimension uses a secret algorithm to generate beautiful new colors.



76.5195, 76.3711, 77.0388



80.4883, 79.2354, 78.2769



80.3130, 83.9580, 78.3033



16.6422, 16.7686, 17.1571



20.5359, 10.9573, 1.0326



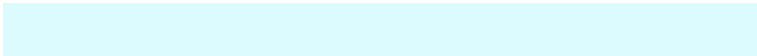
1.8513, 1.0558, 0.1062

Inverse Universe

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



77.5983, 85.6588, 99.6336



81.9039, 91.4269, 107.9381



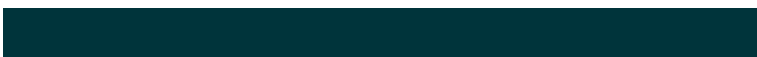
73.6237, 77.7097, 98.3087



16.8359, 18.4362, 21.2138



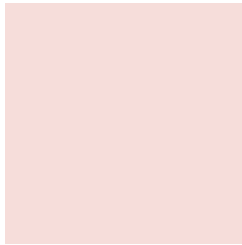
22.5472, 30.8881, 51.3117



2.0244, 2.8001, 4.5240

Previews

White Background



This preview shows how the XYZ color 76.5174, 76.3677, 77.0372 looks on a white background.

Color Contrast Check

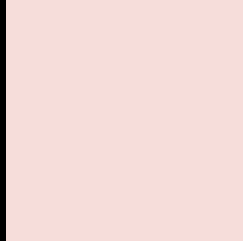
Large Text (above 18pt) WCAG AA × Fail

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 76.5174, 76.3677, 77.0372 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

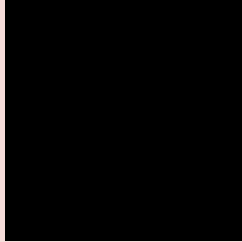
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 76.5174, 76.3677, 77.0372

Background



This preview shows how black text looks on a background with the XYZ color 76.5174, 76.3677, 77.0372.

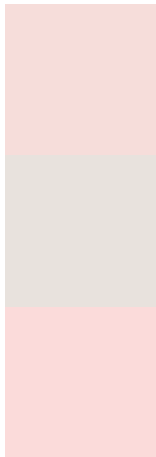


This preview shows how white text looks on a background with the XYZ color 76.5174, 76.3677,

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

76.5174, 76.3677, 77.0372

Protanopia

73.5262, 76.7690, 79.3493

Deuteranopia

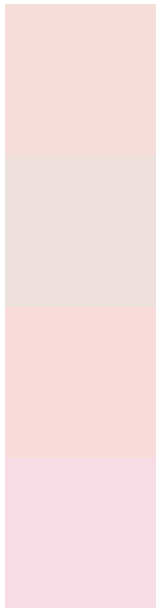
77.7701, 76.2342, 76.9454



Tritanopia

78.7782, 76.0974, 89.1335

Trichromacy



Original Color

76.5174, 76.3677, 77.0372

Protanomaly

74.4990, 76.4831, 78.5464

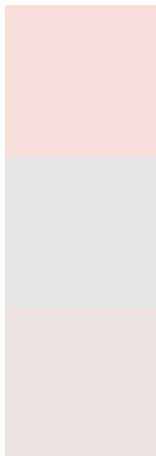
Deuteranomaly

77.3150, 76.3881, 76.9991

Tritanomaly

77.8321, 76.0943, 84.7142

Monochromacy



Original Color

76.5174, 76.3677, 77.0372

Achromatopsia

73.7419, 77.5822, 84.4870

Achromatomaly

74.6407, 76.8944, 81.4291

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.5174, 76.3677, 77.0372 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(246, 221, 218)` looks like.

```
.text, #text, p{  
    color:rgb(246, 221, 218)  
}
```

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(246, 221, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 221, 218) }
```

Border

The CSS property to change the border of an element to XYZ 76.5174, 76.3677, 77.0372 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(246, 221, 218) }
```


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

```
.border{ border-color:rgb(246, 221, 218) }
```

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

Here you see how a box with a 4 pixel rgb(246, 221, 218) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 221, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 221, 218);  
box-shadow:4px 4px 4px 4px rgb(246, 221,  
218) }
```

Background

The CSS property to change the background color of an element to XYZ 76.5174, 76.3677, 77.0372 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 221, 218) }
```

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

```
.background{ background-color: rgb(246,  
221, 218) }
```

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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