

Converting Colors

XYZ(76.2744, 74.7233, 75.3687)

Have a look what the booklet for
XYZ(76.2744, 74.7233, 75.3687)
contains.

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Color

**XYZ(76.2744, 74.7233,
75.3687)**

Conversions

Conversions Part 1

Format	Color
Hex	F9D9D8
RGB	249, 217, 216
RGB Percent	98%, 85%, 85%
CMY	0.0235, 0.1490, 0.1529
CMYK	0.00, 0.13, 0.13, 0.02
HSL	2°, 73%, 91%
HSV	2°, 13%, 98%
XYZ	76.2744, 74.7233, 75.3687
YIQ	226.4540, 19.3930, 6.4730

Conversions

Conversions Part 2

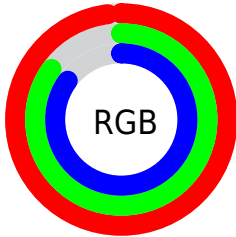
Format	Color
R _Y B	249, 217, 216
Decimal	16374232
CIE Lab	89.26, 10.92, 4.57
CIE LCh	89, 11.837, 22.709
Yxy	74.7233, 0.3370, 0.3301
Android (android.graphics.Color)	4294564312 (0xFFFF9D9D8)
YUV	226.4540, -5.1538, 19.7728
Hunter-Lab	86.4426, 6.2284, 8.8153

Details

The XYZ color **76.2744, 74.7233, 75.3687** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **78.9846, 88.5713, 102.5562**, and the grayscale version is **72.6454, 76.4286, 83.2308**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.0916, 39.6203, 39.1999** is the 20% darker color. If you saturate the color by 10%, you get **67.5222, 61.9857, 57.7544**, and if you desaturate by 10%, it is **86.4289, 89.4832, 95.8588**.

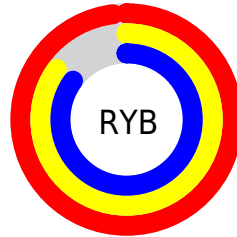
Distribution



Red (98%)

Green (85%)

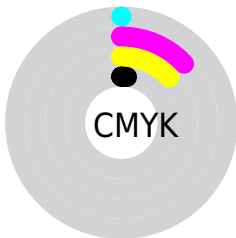
Blue (85%)



Red (98%)

Yellow (85%)

Blue (85%)

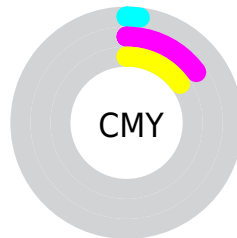


Cyan (0%)

Magenta (13%)

Yellow (13%)

Black (2%)



Cyan (2%)

Magenta (15%)

Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 76.2744, 74.7233, 75.3687 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 76.2744, 74.7233, 75.3687 by changing the saturation by 10% instead.


 76.2744, 74.7233,
75.3687

 76.2744, 74.7233,
75.3687


471.2165,
476.9660, 498.4731

 56.9554, 55.3862,
55.4114


127.0930,
125.9206, 128.5860

 41.2094, 39.7110,
39.3304


159.3233,
158.5496, 162.6832

 28.6712, 27.3133,
26.7071


196.5881,
196.3781, 202.3307

 18.9752, 17.8087,
17.1228

239.2527,
239.7904, 247.9472

 11.7563, 10.8127,
10.1592

287.6825,
289.1710, 299.9511

 6.6490, 5.9410,
5.3977

342.2428,

 3.2879, 2.8093,

344.9042, 358.7610

2.4196

403.2990,
407.3744, 424.7955

■ 1.3078, 1.0330,
0.7971

■ 0.1890, 0.0000,
0.0000

■ 76.2744, 74.7233,
75.3687

■ 76.2744, 74.7233,
75.3687

■ 67.5222, 61.9857,
57.7544

■ 86.4289, 89.4832,
95.8588

■ 60.1049, 51.1729,
42.8828

■ 92.8772, 98.8799,
108.7983

■ 53.9586, 42.1945,
30.6174

■ 49.0122, 34.9486,
20.8082

■ 45.1871, 29.3236,
13.2897

■ 42.3957, 25.1949,
7.8763

■ 40.5372, 22.4197,
4.3534

■ 39.4908, 20.8276,
2.4609

■ 39.1495, 20.3044,
1.8557

Harmonies

Analogous

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



76.6799, 74.7233, 83.3981



76.2744, 74.7233, 75.3687



74.4436, 74.7233, 69.3417

Triad

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



76.2744, 74.7233, 75.3687



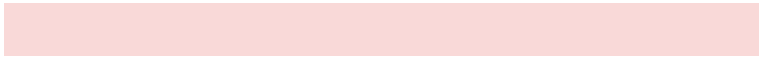
66.6911, 74.7233, 72.0919



70.3191, 74.7233, 98.1954

Complementary

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



76.2744, 74.7233, 75.3687



78.9846, 88.5713, 102.5562

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.



67.7074, 74.7233, 94.6946



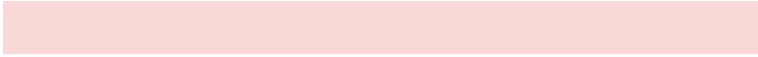
76.2744, 74.7233, 75.3687



65.6500, 74.7233, 79.3572

Square

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



76.2744, 74.7233, 75.3687



68.8979, 74.7233, 67.5413



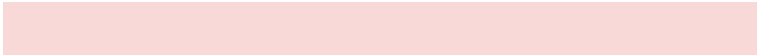
66.0169, 74.7233, 87.6627



73.1898, 74.7233, 96.9477

Rectangle

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



76.2744, 74.7233, 75.3687



72.6873, 74.7233, 67.0878



66.0169, 74.7233, 87.6627



69.3828, 74.7233, 97.5273

Sweetspot

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



76.2765, 74.7266, 75.3703



90.3767, 93.2120, 99.4546



80.6368, 76.0577, 99.6047



19.1621, 19.6865, 20.9193



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

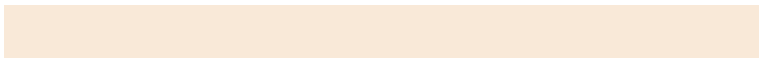
The Same Dimension uses a secret algorithm to generate beautiful new colors.



76.2765, 74.7266, 75.3703



77.8163, 74.9515, 74.1181



80.6155, 83.4046, 76.8166



17.2870, 17.3098, 17.8924



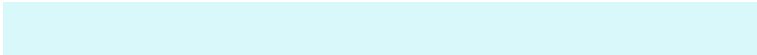
20.9743, 10.9052, 0.9994



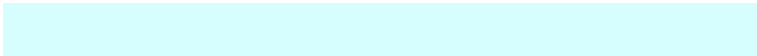
1.9570, 1.0389, 0.0974

Inverse Universe

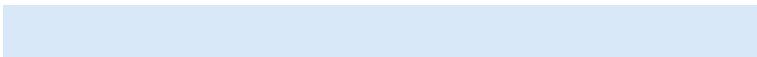
The Inverse Universe completely reimagines the original color for something new.



78.9846, 88.5713, 102.5562



81.2051, 92.2764, 108.1389



74.2612, 79.1245, 100.9817



17.7179, 19.5126, 22.2178



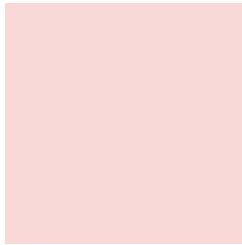
26.0772, 37.5100, 53.8393



2.4291, 3.5018, 4.9911

Previews

White Background



This preview shows how the XYZ color 76.2744, 74.7233, 75.3687 looks on a white background.

Color Contrast Check

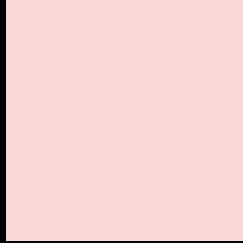
Large Text (above 18pt) WCAG AA × Fail

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 76.2744, 74.7233, 75.3687 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

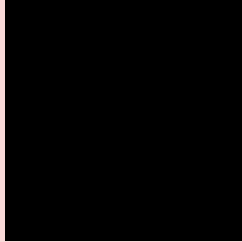
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 76.2744, 74.7233, 75.3687

Background



This preview shows how black text looks on a background with the XYZ color 76.2744, 74.7233, 75.3687.



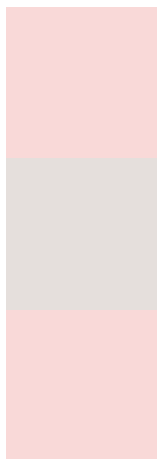
This preview shows how white text looks on a background with the XYZ color 76.2744, 74.7233,

75.3687.

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

76.2744, 74.7233, 75.3687

Protanopia

71.6190, 74.6007, 78.3348

Deuteranopia

76.2744, 74.7233, 75.3687



Tritanopia

78.5079, 74.8796, 85.9167

Trichromacy



Original Color

76.2744, 74.7233, 75.3687

Protanomaly

73.2347, 74.6602, 77.5688

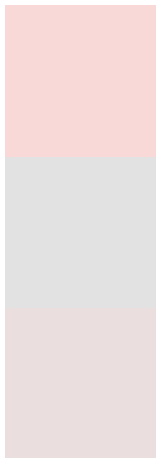
Deuteranomaly

76.2744, 74.7233, 75.3687

Tritanomaly

77.7077, 74.9267, 82.3182

Monochromacy



Original Color

76.2744, 74.7233, 75.3687

Achromatopsia

72.2879, 76.0525, 82.8211

Achromatomaly

73.5042, 75.5417, 79.8142

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.2744, 74.7233, 75.3687 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, 217, 216) looks like.

```
.text, #text, p{  
    color:rgb(249, 217, 216)  
}
```

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, 217, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 217, 216) }
```

Border

The CSS property to change the border of an element to XYZ 76.2744, 74.7233, 75.3687 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, 217, 216) }
```


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

```
.border{ border-color:rgb(249, 217, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 217, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(249, 217, 216); -webkit-box-shadow:4px 4px 4px 4px rgb(249, 217, 216); box-shadow:4px 4px 4px 4px rgb(249, 217, 216) }
```

Background

The CSS property to change the background color of an element to XYZ 76.2744, 74.7233, 75.3687 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 217, 216) }
```

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

```
.background{ background-color: rgb(249,  
217, 216) }
```

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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