

Converting Colors

XYZ(76.5626, 75.0463, 74.6822)

Have a look what the booklet for
XYZ(76.5626, 75.0463, 74.6822)
contains.

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Color

**XYZ(76.5029, 74.8560,
74.7065)**

Conversions

Conversions Part 1

Format	Color
Hex	FAD9D7
RGB	250, 217, 215
RGB Percent	98%, 85%, 84%
CMY	0.0196, 0.1490, 0.1569
CMYK	0.00, 0.13, 0.14, 0.02
HSL	3°, 78%, 91%
HSV	3°, 14%, 98%
XYZ	76.5029, 74.8560, 74.7065
YIQ	226.6390, 20.3100, 6.3740

Conversions

Conversions Part 2

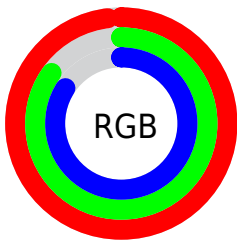
Format	Color
R _Y B	250, 217, 215
Decimal	16439767
CIE Lab	89.33, 11.11, 5.20
CIE LCh	89, 12.269, 25.059
Yxy	74.8560, 0.3384, 0.3311
Android (android.graphics.Color)	4294629847 (0xFFFAD9D7)
YUV	226.6390, -5.7380, 20.4876
Hunter-Lab	86.5194, 6.4259, 9.3687

Details

The XYZ color **76.5029, 74.8560, 74.7065** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **78.8465, 88.4820, 103.3662**, and the grayscale version is **72.7832, 76.5736, 83.3887**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.2578, 39.7162, 38.7492** is the 20% darker color. If you saturate the color by 10%, you get **67.8859, 62.3757, 57.1778**, and if you desaturate by 10%, it is **86.4825, 89.2744, 95.1129**.

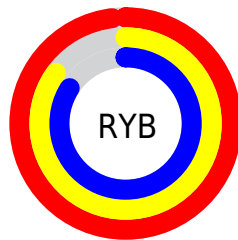
Distribution



Red (98%)

Green (85%)

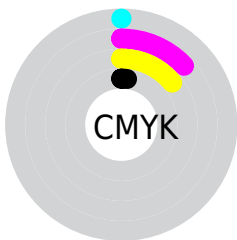
Blue (84%)



Red (98%)

Yellow (85%)

Blue (84%)

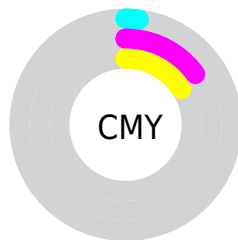


Cyan (0%)

Magenta (13%)

Yellow (14%)

Black (2%)



Cyan (2%)


Magenta (15%)


Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 76.5029, 74.8560, 74.7065 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 76.5029, 74.8560, 74.7065 by changing the saturation by 10% instead.


 76.5029, 74.8560,
74.7065

 76.5029, 74.8560,
74.7065


471.9854,
477.4225, 496.1366

 57.1435, 55.4949,
54.8722


127.4141,
126.1085, 127.6401

 41.3610, 39.7981,
38.9015


159.6966,
158.7687, 161.5764

 28.7902, 27.3812,
26.3759


197.0175,
196.6308, 201.0506

 19.0657, 17.8597,
16.8768

239.7422,
240.0791, 246.4810

 11.8220, 10.8493,
9.9856

288.2359,
289.4980, 298.2863

 6.6939, 5.9656,
5.2840

342.8642,

 3.3161, 2.8242,

345.2719, 356.8850

2.3532

403.9922,
407.7853, 422.6956

■ 1.3230, 1.0406,
0.7608

■ 0.2004, 0.0000,
0.0000

■ 76.5029, 74.8560,
74.7065

■ 76.5029, 74.8560,
74.7065

■ 67.8859, 62.3757,
57.1778

■ 86.4825, 89.2744,
95.1129

■ 60.5666, 51.7414,
42.3929

■ 93.2346, 99.0641,
108.8150

■ 54.4837, 42.8684,
30.2143

■ 49.5691, 35.6617,
20.4909

■ 45.7476, 30.0173,
13.0559

■ 42.9355, 25.8193,
7.7219

■ 41.0369, 22.9359,
4.2718

■ 39.9371, 21.2111,
2.4412

■ 39.5860, 20.6468,
1.8988

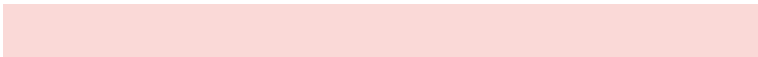
Harmonies

Analogous

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



77.0516, 74.8560, 82.9367



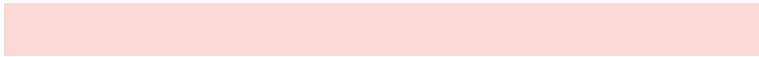
76.5029, 74.8560, 74.7065



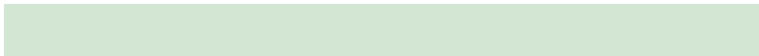
74.5036, 74.8560, 68.6991

Triad

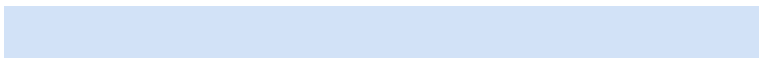
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



76.5029, 74.8560, 74.7065



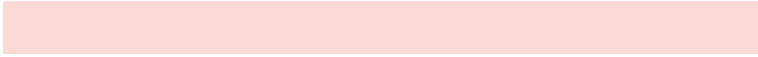
66.5237, 74.8560, 72.4050



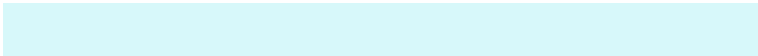
70.6527, 74.8560, 99.0974

Complementary

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



76.5029, 74.8560, 74.7065



78.8465, 88.4820, 103.3662

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.



67.8954, 74.8560, 95.8120



76.5029, 74.8560, 74.7065



65.5547, 74.8560, 80.0908

Square

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



76.5029, 74.8560, 74.7065



68.7330, 74.8560, 67.4372



66.0497, 74.8560, 88.7049



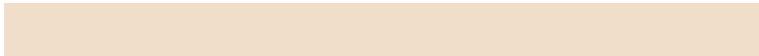
73.6197, 74.8560, 97.4057

Rectangle

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



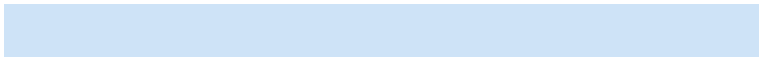
76.5029, 74.8560, 74.7065



72.6460, 74.8560, 66.5627



66.0497, 74.8560, 88.7049



69.6714, 74.8560, 98.5322

Sweetspot

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



76.5050, 74.8593, 74.7081



90.4597, 93.3779, 99.4822



80.7077, 75.7187, 99.3725



19.1830, 19.7282, 20.9263



0.0000, 0.0000, 0.0000



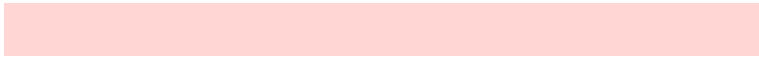
20.3446, 21.4041, 23.3091

Same Dimension

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



76.5050, 74.8593, 74.7081



77.1597, 74.1562, 72.3029



81.1849, 84.2192, 76.2681



17.3244, 17.3846, 17.9049



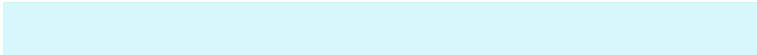
21.0294, 11.0154, 1.0178



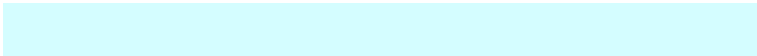
1.9748, 1.0745, 0.1033

Inverse Universe

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



78.8465, 88.4820, 103.3662



80.0736, 91.1112, 107.9736



73.7866, 78.3621, 101.6795



17.6757, 19.4282, 22.2037



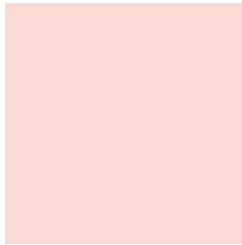
25.0518, 35.4592, 53.4975



2.3454, 3.3345, 4.9632

Previews

White Background



This preview shows how the XYZ color 76.5029, 74.8560, 74.7065 looks on a white background.

Color Contrast Check

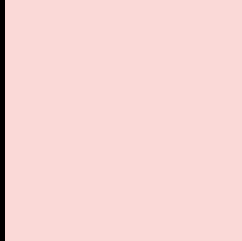
Large Text (above 18pt) WCAG AA × Fail

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 76.5029, 74.8560, 74.7065 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

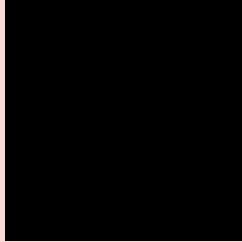
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 76.5029, 74.8560, 74.7065

Background



This preview shows how black text looks on a background with the XYZ color 76.5029, 74.8560, 74.7065.



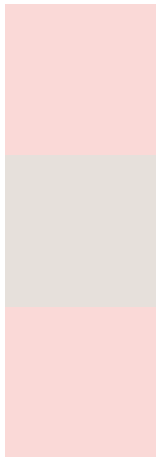
This preview shows how white text looks on a background with the XYZ color 76.5029, 74.8560,

74.7065.

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

76.5029, 74.8560, 74.7065

Protanopia

72.0750, 75.2488, 77.7435

Deuteranopia

76.5029, 74.8560, 74.7065



Tritanopia

78.6153, 74.5581, 85.8490

Trichromacy



Original Color

76.5029, 74.8560, 74.7065

Protanomaly

73.4364, 74.7794, 76.8930

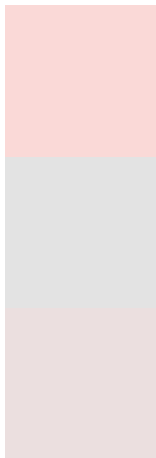
Deuteranomaly

76.5029, 74.8560, 74.7065

Tritanomaly

77.6747, 74.5463, 81.5291

Monochromacy



Original Color

76.5029, 74.8560, 74.7065

Achromatopsia

73.0128, 76.8151, 83.6517

Achromatomaly

73.9679, 75.7652, 80.5377

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.5029, 74.8560, 74.7065 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, 217, 215) looks like.

```
.text, #text, p{  
    color:rgb(250, 217, 215)  
}
```

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, 217, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 217, 215) }
```

Border

The CSS property to change the border of an element to XYZ 76.5029, 74.8560, 74.7065 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, 217, 215) }
```


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

```
.border{ border-color:rgb(250, 217, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 217, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 217, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 217, 215);  
box-shadow:4px 4px 4px 4px rgb(250, 217,  
215) }
```

Background

The CSS property to change the background color of an element to XYZ 76.5029, 74.8560, 74.7065 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 217, 215) }
```

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

```
.background{ background-color: rgb(250,  
217, 215) }
```

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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